DAIKIN

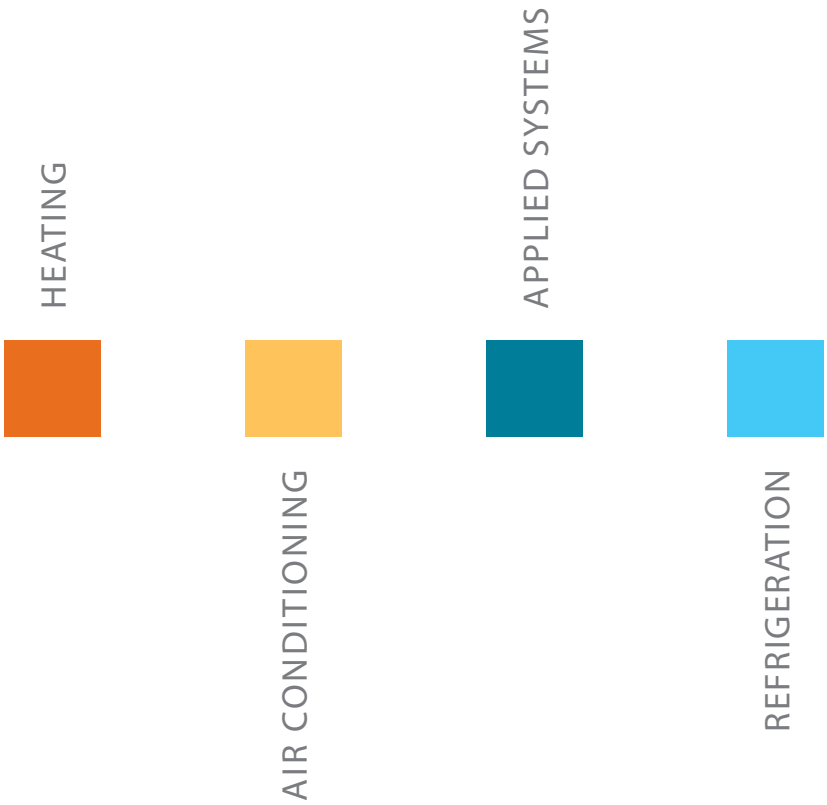
PRELIMINARY

General Catalogue 2012

ALL SEASONS °CLIMATE COMFORT

DAIKIN
GENERAL CATALOGUE 2012

Make your world a better place



Our mission, and the essence of our existence, is to identify and realise our customers' future needs and dreams, even those that they themselves may not yet be aware of. We can accomplish this goal by paying careful attention to changes in social trends and conducting extensive marketing to win the hearts and minds of customers. It is essential that we offer customers optimum convenience and comfort that are always one step ahead of our competitors by providing customers with the highest quality products, materials, and services for which we, as a manufacturer, will be absolutely responsible. Moreover, we will continue offering products and services that provide customers with fresh excitement and continued enjoyment.

In any era in any business field, a company can grow and develop only if it possesses world-leading technologies.

As we continue developing our business operations in various fields, it is our mission to proactively develop initiatives to respond to environmental issues. Incorporating environmental initiatives throughout our management must be a priority for us.

In all aspects of our business operations, including product development, manufacturing and sales, we need to formulate initiatives that sustain and improve the environment. Meanwhile, we need to promote the development of new products and the innovation of technologies that will lead to a more environmentally healthy world.

TABLE OF CONTENTS

This symbol represents seaonal efficiency.
It will be used throughout this catalogue to indicate where seasonal efficiency is already implemented in our product ranges.
For more detailed information, please refer to page 8 and page 116.

New products 2012

10

STREAMER TECHNOLOGY AIR PURIFIER - MC70LVM

> Stylish design
> Improved performance
> Unprecedented comfort
> Super quiet operation
> Easy to maintain
> Portable
> No installation

71

NEW RANGE OF WALL MOUNTED UNITS, DEVELOPED FOR SMALL OR WELL-INSULATED ROOMS - FTXS-K / CTXS-K

> Integrating design: high quality finishing
> Goes almost unnoticed in operation
> Top performance: full class A energy label
> Right dimensioning for optimum comfort

3-PORT 40 MULTI OUTDOOR UNITS - 3MXS40K

> The new 15 class responds to the new capacity requirements of the smallest rooms in the house and allows optimal distribution of capacity of new 3-port 40 multi outdoor unit

117

DAIKIN LEADS THE WAY TOWARDS SEASONAL EFFICIENCY!

> Introducing a complete light commercial range optimised for seasonal efficiency!

OUTDOOR UNITS, OPTIMISED FOR SEASONAL EFFICIENCY - RZQG-L AND RZQSG-L

> Seasonal smart range Seasonal Smart
- Already complies with the EU's 2014 EcoDesign requirements
- Available in 1 phase and 3 phase
- All Sky Air® indoor units can be used in combination with these outdoor units

> Seasonal classic range Seasonal Classic
- Available in 1 phase and 3 phase

120

NEXT GENERATION ROUND FLOW CASSETTES – FCQHG-F AND FCQG-F

> Optimised for seasonal efficiency
> Even more energy efficient with the new presence sensor
> Offering improved comfort with the new floor sensor
> Flexibility: one or more flaps can be easily closed when refurbishing the interior of your shop, office …

130

LARGE CONCEALED CEILING UNIT – FDQ-C

> Optimised for seasonal efficiency
> New casing
> Standard drain pump
> Easy installation:
- Less duct calculation
- Air flow can be adjusted during installation via wired remote control

New products 2012

233

SMALL INVERTER CHILLER - EWA/YQ-BA*

> Air cooled chiller with inverter compressor and fan
> High efficiency with leader-of-class ESEER up to 4.75
> Available both in cooling only and heat pump models
> Wide capacity range from 17 kW up to 75 kW (7 sizes)
> Supplied optionally with factory mounted (standard/high-ESP) pump
> R-410A scroll compressor (1 or 2 circuits)

252

LARGE AIR COOLED INVERTER CHILLER - EWAD-CZ

> Highest partial load efficiency scores in its class (ESEER up to 5.8)
> Large operating conditions (ambient temperatures from -18°C up to +50°C)
> Multiple sound levels to meet accoustic requirements
> Highest cooling capacity in its class (up to 1,800 kW)
> Extensive option list including fan speed regulation, rapid restart and heat recovery option

254

FREE COOLING CHILLER - EWAD-CF

> Air cooled chiller with free cooling system
> High efficiency version, combinable with 3 sound levels
> 11 sizes from 600 kW up to 1,565 kW
> Greater energy savings and reduced CO_2 emissions during cold season

274

NEW FLOODED RANGE - EWWD-H-

> 11 sizes between 370 and 1,215 kW
> Condenser leaving water up to 50°C as standard
> High temperature kit for condenser leaving water up to 65°C
> Extended with heat pump option

298

D-AHU PROFESSIONAL AND D-AHU EASY

> Air flow rates from 500 m^3/h up to 124,000 m^3/h
> From standard sizes to customized solutions
> Premium Eurovent performances
> Infinitely variable sizes

316

INDIVIDUAL CONTROL SYSTEMS

USER FRIENDLY REMOTE CONTROL WITH CONTEMPORARY DESIGN – BRC1E52

- Optimise your system efficiency via energy saving functions
- Temperature range limit saves energy by avoiding excessive heating or cooling
- kWh indication keeps track of your consumption
- Schedule timer with holiday setting, 3 different weekly timers and improved setback function

ONLINE CONTROLLER - ALWAYS IN CONTROL, NO MATTER WHERE YOU ARE

- Control solution to monitor and control the main functions of the residential indoor units.
- End-user friendly operation
- Can be used from any location via your smartphone, laptop, PC, tablet or touch screen
- Optimal home comfort/holiday home surveillance
- Flexible office solution

RTD - UNIVERSAL CONTROL

- Indoor unit control via 0~10 volt, dry contact or resistance control
- Hotel controller with key card connection & window contact
- Duty/standby & alarm signal for IT application
- Heating interlock

325

OPEN PROTOCOL INTERFACES

KNX INTERFACE

- Integratin of Split, Sky Air®, and VRV® indoor units in HA/BMS systems
- Allows monitoring and control of several devices from one central controller.

RTD - UNIVERSAL CONTROL

- Modbus interface
- Integration of Sky Air®, VRV® and ventilation units in BMS systems

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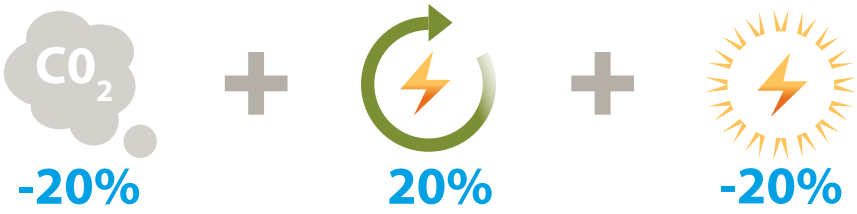
OPTIONS & ACCESSORIES

WIRELESS ROOM TEMPERATURE SENSOR

- Flexible and easy installation
- Contemporary design
- Plug & play connection to VRV® and Sky Air®

European Union's 20-20-20 energy targets

In March 2007, after years of worldwide concern, the European heads of state endorsed "an integrated approach to climate and energy policy that aims to combat climate change and increase the EU's energy security while strengthening its competitiveness. They committed Europe to transforming itself into a highly energy-efficient, low carbon economy." (http://ec.europa.eu) To turn this into a reality, a series of challenging climate and energy objectives were set and became known as the 20-20-20 energy targets, which are to be met by 2020 and these are:



By the year
2020

What this really means

In simple terms, the EU's targets are aimed at reducing the amount of energy consumed, reducing the use of fossil and other natural mineral fuels used in the production of energy, and the reduction of the amount of greenhouse gases (particularly CO_2 and water vapour) produced. And if we are to be successful in doing this, then new regulations, production and performance standards, and energy usage rules will be needed.

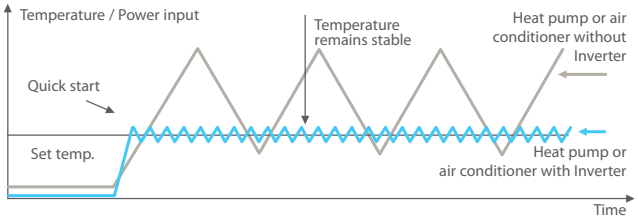
The EU has not been slow in recognizing this need. New directives have been developed and issued on the subject of

- energy labelling of domestic appliances – this must show the true energy usage of equipment across the whole year: for air-conditioning equipment this includes the introduction of a Seasonal Energy Efficiency Rating (SEER and SCOP)
- energy efficiency in buildings to reduce their impact on the environment through improved insulation, improved heating and lighting systems and the increased use of renewable energy sources
- environmental performance of products throughout their life-cycle by the systematic integration of environmental aspects at a very early stage in the product design
- fluorinated greenhouse gases (F-gas) and ozone depleting substances which aim to phase out certain refrigerants and tighten up on the checks needed to ensure that such gases are not being leaked into the atmosphere and contributing to the greenhouse effect.

The Daikin Response

Daikin, always the leader in air conditioning technology, has embraced the challenges of the EU 20-20-20 declaration and Energy Efficiency Directives and has moved positively to take a market leadership position on many issues.

Many years ago, we developed the inverter technology that is now installed in all of our air conditioning units. The inverter system supplies full load power at start up but then monitors the actual heating or cooling demand and steadily reduces the power being used until the correct temperature is reach. It then effectively turns itself off until a change is noted at which point it applies sufficient power to bring the temperature back to the set point. This direct link between temperature control and energy usage means that inverter driven air conditioners are up to 30% more energy efficiency. The eco-design requirements are very ambitious and will in the end ban non-inverter technology.



Seasonal efficiency

Over the years we have been concerned about letting our clients know the true seasonal energy efficiency of our products, as the rating system then in place was misleading. Our vision on this has been vindicated and the introduction of seasonal performance will ensure a better understanding of the energy usage of all air conditioning systems. We have been designing and engineering our equipment to achieve market-leading SEERs and SCOPs and thus contributing to a reduction of energy used.

Heat pump technology

In many ways, it is with our advanced heat pump technology and heat recovery systems that we can do most to contribute towards the EU's climate targets. Our use of heat pumps to extract heat from the ambient air (a renewable heat source referred to as aerothermal energy) is very well established and helps reduce the energy usage of whole buildings. In addition, however, heat pumps can be used to extract heat from the ground (geothermal energy) as well as rivers, lakes and ground water (hydrothermal energy). This renewable heat energy is then transferred to the refrigerant system to raise the temperature of the outflow water and thus effectively pre-heat it. This reduces the energy required to provide heating and the transferred heat is often enough to maintain domestic hot water tanks at the correct temperature. This remarkable technology will now be applied to small capacity units as we focus on total climate control in all its forms.

AEROTHERMAL HEAT PUMP | HYDROTHERMAL HEAT PUMP | GEOTHERMAL HEAT PUMP

State-of-the-art control systems

Our systems are all connected to advanced control systems that give room-by-room settings as well as integrated building control to ensure that the customer can maximise and optimise the use of their Daikin system as a total solution for their building: one that gives perfect climate control, reduced costs and reduced environmental impact.

New refrigerants

The regulation on ozone depleting substances and the fluorinated gas directive provide some special challenges. The phasing out of R-22 refrigerants and the concerns over the environmental impact of other refrigerants has led to pressure being brought to bear for the development of non-fluorinated, low GWP (global warming potential) and natural refrigerant gases. This in turn means that refrigerant systems will have to be re-designed and re-engineered – our engineers are already hard at work developing an alternative product line and trying innovative modifications to our current lines. As always, we are the innovation leaders!

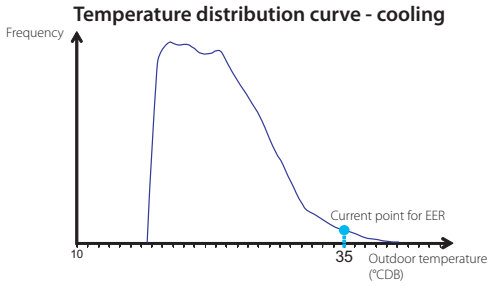
The way forward

All in all, the European Union's climate concerns have added a new urgency to our ongoing innovation and R&D – we are confident of our response and that it will deliver huge benefits to the customers in terms of more controllable solutions giving perfect comfort, reduced operating costs and a much lower ecological impact.

Daikin leads the way to seasonal efficiency

With European legislation* pressing energy users to drastically cut energy consumption, improve energy efficiency of buildings and homes, and meet the Commission's 20/20/20 targets, industry is looking at more appropriate ways to evaluate efficiency. Thus, the Eco-Design Directive aims at reducing the environmental impact of products in the EU. To that end an implementing measure for air conditioners is under development and it will introduce a new method for performance specifications – seasonal efficiency – in replacement of the current method of nominal efficiency, which has its limitations.

* EPB (Energy Performance of Buildings) Directive 2002/91/EC, ERP - Eco-Design Directive

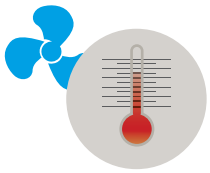


NOMINAL EFFICIENCY OUTDATED

Measuring energy performance is not new to Europe. Such measurements are used to provide consumers with information on air conditioner performance so they can make intelligent choices when purchasing. Present method in place is that of nominal efficiency, a method, however, with limitations that result in a significant gap between rated and actual performance.

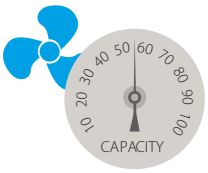
SEASONAL EFFICIENCY IN LINE WITH REAL-LIFE PERFORMANCE

To correct this situation, a more complex calculation method – seasonal efficiency – is being developed simultaneously in Eco-Design and prEN 14825 (inquiry version 2010). The major differences between seasonal and nominal calculation are:



Temperature

NOMINAL	SEASONAL
1 Temperature condition: 35°C for cooling 7°C for heating Does not often occur in reality	**Several rating temperatures** for cooling and heating, reflecting actual performance over an entire season



Capacity

NOMINAL	SEASONAL
Does not reflect partial capacity Benefits of inverter technology not visible	Integrates operation at **partial instead of full capacity** **Benefits of inverter technology** are shown

Auxiliary modes

NOMINAL	SEASONAL
Does not take auxiliary power modes into account	Includes consumption auxiliary modes: • Thermostat off • Standby mode • OFF mode • Crankcase heater

Nominal efficiency gives an indication on how efficient an air conditioner operates at a nominal condition.

Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire cooling or heating season.

- Defines a better representation of efficiency: **seasonal efficiency**
- Earliest implementation in 2013

2013
Eco-Design Directive

Today
Daikin

> **Actively contributes** to the development of the Eco-Design methodology for air conditioners by sharing experience and technical knowledge.

> First to integrate Eco-Design principle in the light commercial segment by launching Sky Air® ranges **optimized for seasonal efficiency**.

> Seasonal smart series already comply with the EU's 2014 Eco-Design requirements.

> Daikin offers now a complete light commercial range of products.

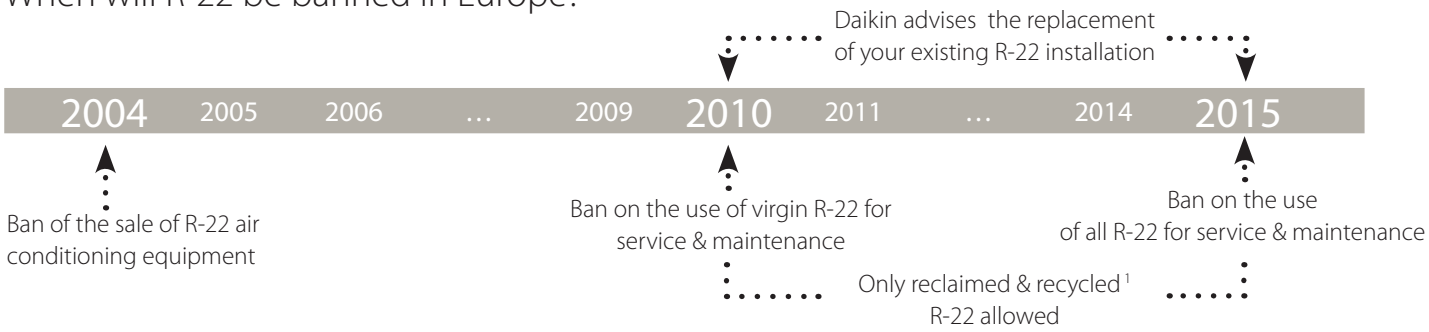
Daikin solutions to R-22 phase out

What is R-22 and why is it to be phased-out in Europe?

R-22 is a hydrochlorofluorocarbon (HCFC) which was commonly used in air conditioning systems. When R-22 is released into the air, the ultraviolet rays of the sun cause it to decompose and chlorine is released into the stratosphere. Chlorine reacts with ozone, reducing the amount of the ozone.

Due to ozone layer depletion, harmful ultraviolet rays reach the surface of the earth giving rise to a number of health and environmental issues. The international community therefore, signed the Montreal Protocol to phase out ozone depletion materials by 2030. The European Union, however, decided to ban R-22 already in 2015.

When will R-22 be banned in Europe?



[1] Recycled: re-use of R-22 following a basic cleaning process. Recycled R-22 must be re-used by the same company that carried out the recovery (can be done by installer)
Reclaimed: reprocessed R-22 in order to meet the equivalent performance of virgin R-22 (by specialized company)

The Daikin solution

to upgrade R-22 and R-407C systems

Due to significant developments in heat pump technology, today's air conditioning systems, running on R-410A refrigerant, offer better performances than R-22 and R-407C systems did in the past. Furthermore, R-22 will be soon unavailable in Europe. Already today, only reclaimed or recycled R-22 can be used for servicing. To upgrade R-22 and R-407C systems as cost effectively as possible, Daikin units can be installed using existing pipe work. Replacement technology is available for residential and commercial applications in the following ranges: Split Sky Air® VRV®

What is the impact on an R-22 installation?

The R-22 phase out regulation will impact on all currently operating R-22 systems, although reliable R-22 equipment does not need to be replaced immediately because maintenance can be carried out with recycled or reclaimed R-22 until 1st January 2015. However, not enough R-22 is currently reclaimed or recycled to cover the demand. As a consequence, supply shortages and price increases are expected. If there is no reclaimed or recycled R-22 available, certain repairs (for example: compressor change) will no longer be possible and considerable air conditioning system downtime can occur.

It is therefore worthwhile to consider a replacement system before 2015, especially for air conditioning systems with a large impact on the daily running of the business.

The Daikin solution

Thanks to Daikin technology, Split, Sky Air® and VRV® pipe work can be re-used allowing a cost effective upgrade of R-22 and R-407C systems.

Pure air

Because Daikin cares

The streamer technology air purifier, a blend of new technology, improved performance, and ultra quiet operation, it is designed to care for you by unobtrusively providing purified air to produce a healthy home environment. Purified air improves the perception of comfort and, by removing and destroying contaminants and odours, the streamer technology air purifier also plays an essential role for those who suffer from asthma or allergies. These efforts place the streamer technology air purifier among the best residential air purifiers on the market today.

- stylish design
- improved performance
- unprecedented comfort
- super quiet operation
- easy to maintain
- portable
- no installation

Three times purification, a good deed for your health

Pollen, dust and pet hair are just some of the potential causes of allergies, asthma and respiratory problems. A Daikin air purifier cleans the air and relieves you of these troubles thanks to a three-part operation:

- allergen removal
- virus and bacteria removal
- odour removal

Six-layer powerful decomposition and removal configuration

What is the Daikin streamer technology?

"Streamer Discharge" is a type of plasma discharge in which high speed electrons capable of oxidative decomposition are generated. It has the ability to eliminate bacteria and mould as well as hazardous chemical substances and allergens, etc. Compared to standard plasma discharge (glow discharge), the discharge range of Daikin's Streamer Discharge is wider, which makes it easier for electrons to collide with oxygen and nitrogen in the air. This enables high speed electrons to be generated three dimensionally over a wide area, which results in an oxidative decomposition speed that is over 1,000 times greater with the same electrical power. Daikin's Streamer Discharge technology has proven successful in stably generating high speed electrons, a feat that has been considered difficult up to now.

Main specifications

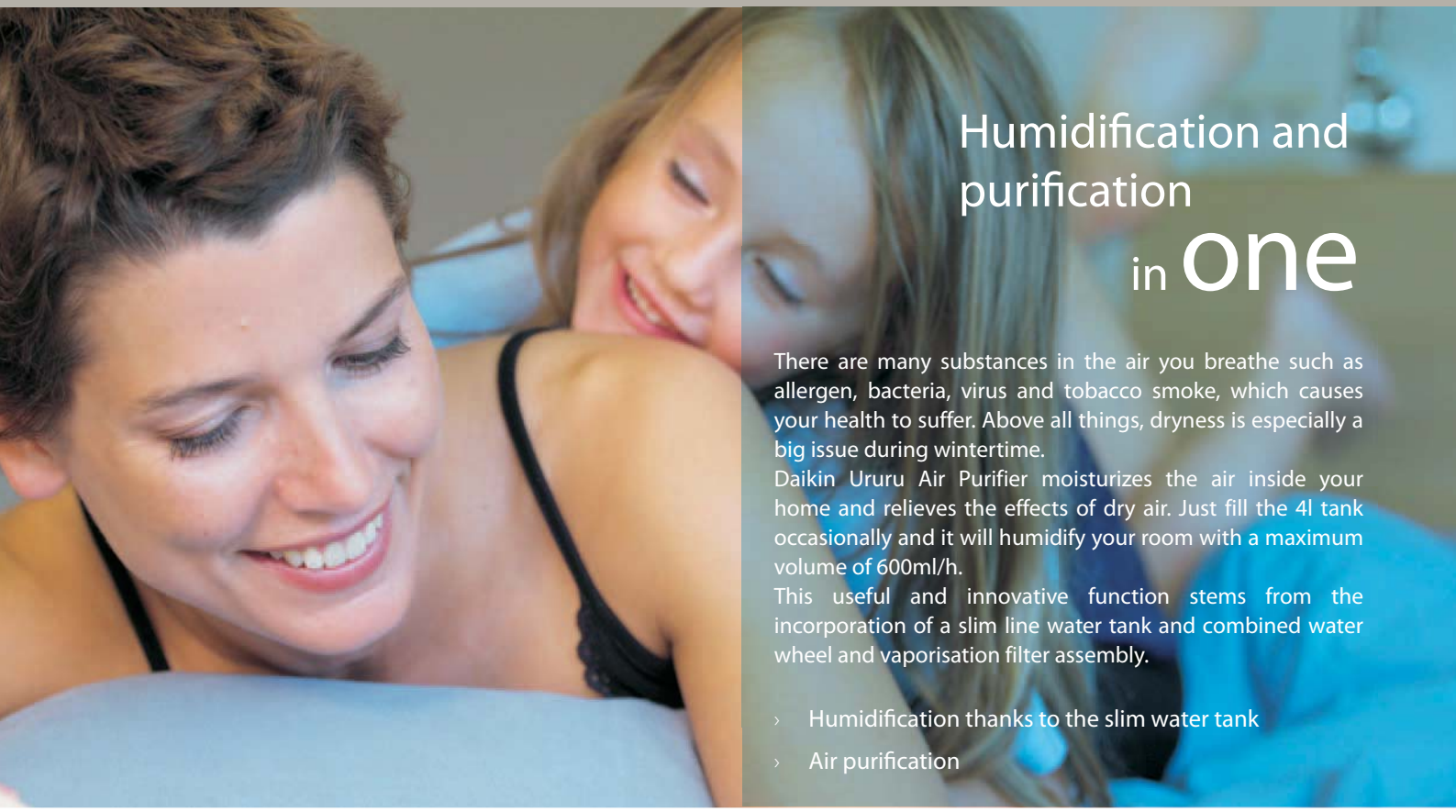
Daikin has already received great praise for its air purifiers: a British Allergy Foundation seal of approval and the TÜV Nord test mark confirm the efficiency of our units.

MC70L

Indoor unit					MC70L
Applicable room area				m^2	46
Casing	Colour				White
Dimensions	Unit	HeightxWidthxDepth		mm	576x403x241
Weight	Unit			kg	8.5
Fan	Type				Multi Blade Fan (Sirocco fan with shroud assembly)
	Air flow rate	Air purifying	Turbo/H/M/LSilent	m^3/h	420/285/210/130/55
Sound pressure level		Turbo/H/M/L/Silent			16.0/24.0/32.0/39.0/48.0
Air filter					Polypropylene net
Air purifying operation	Power input	Turbo/H/M/L/Silent		kW	0.065/0.026/0.016/0.010/0.007
Deodorizing method					Flash streamer / Titanium apatite photocatalytic filter / Deodorising catalyst
Bacteria filtering method					Flash streamer / Titanium apatite photocatalytic filter
Dust collecting method					Plasma ionizer / Electrostatic dust collection filter
Power supply	Phase/Voltage			V	1~/220-240/220-230

MCK75J

Ururu air purifier



Humidification and purification in one

There are many substances in the air you breathe such as allergen, bacteria, virus and tobacco smoke, which causes your health to suffer. Above all things, dryness is especially a big issue during wintertime.
Daikin Ururu Air Purifier moisturizes the air inside your home and relieves the effects of dry air. Just fill the 4l tank occasionally and it will humidify your room with a maximum volume of 600ml/h.
This useful and innovative function stems from the incorporation of a slim line water tank and combined water wheel and vaporisation filter assembly.

- Humidification thanks to the slim water tank
- Air purification

Ururu

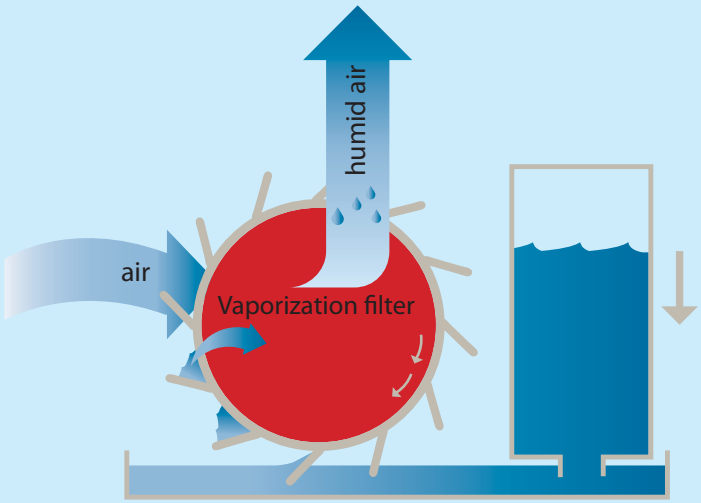
flash streamer
ONLY BY DAIKIN

Daikin has already received great praise for its air purifiers: the Daikin TüV award confirms the efficiency of this unit.

MCK75JVM-K

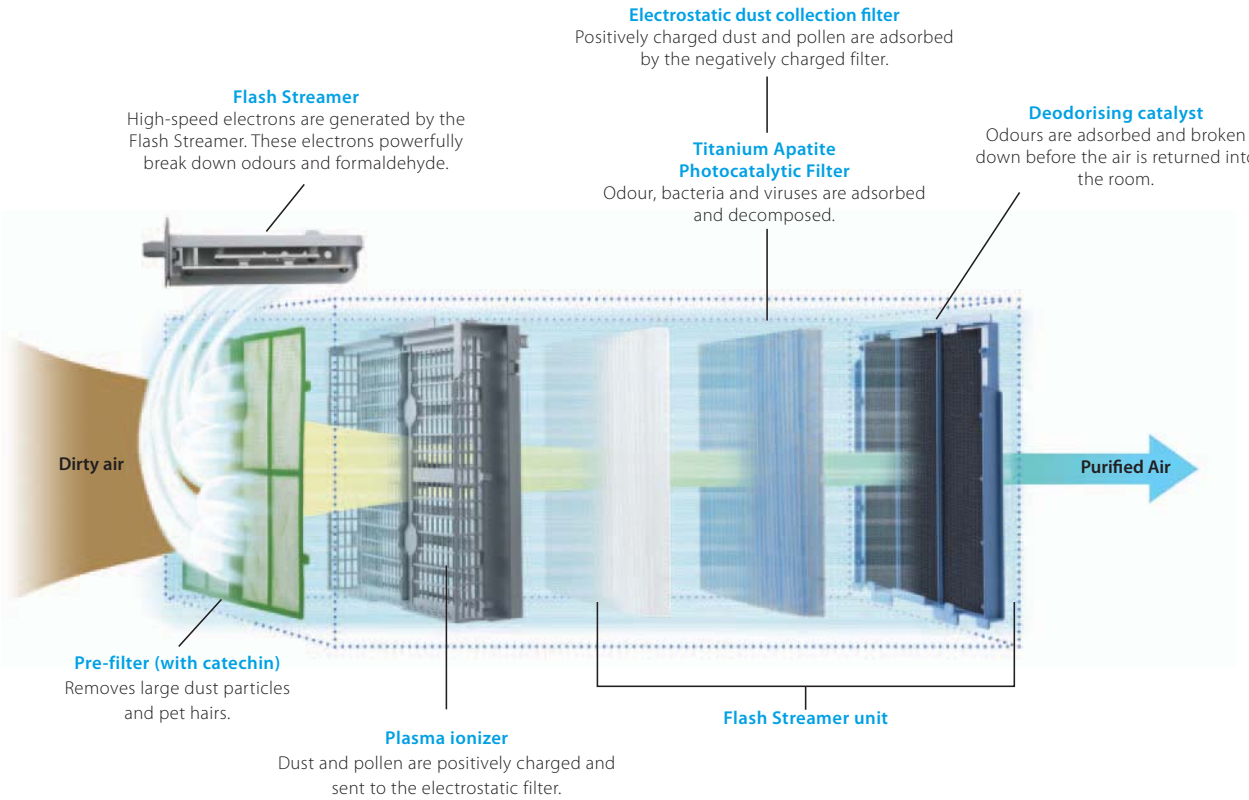
Indoor units					MCK75JVM-K
Application					Floor standing type
Applicable room area				m^2	46
Casing	Colour				Black (N1) (Panel colour: silver)
Dimensions	Unit	HeightxWidthxDepth		mm	590/395/268
Weight	Unit			kg	11.0
Fan	Type				Multi Blade Fan (Sirocco fan with shroud assembly)
	Air flow rate	Air purifying operation	Turbo/H/M/L/Silent	m^3/h	450/330/240/150/60
		Humidifying operation	Turbo/H/M/L/Silent	m^3/h	450/330/240/150/120
Sound pressure level	Air purifying operation		Turbo/H/M/L/Silent	dBA	50/43/36/26/17
	Humidifying operation		Turbo/H/M/L/Silent	dBA	50/43/36/26/23
Humidifying operation	Power input		Turbo/H/M/L/Silent	kW	0.084/0.037/0.020/0.013/0.012
	Humidification		Turbo/H/M/L/Silent	ml/h	600/470/370/290/240
	Water tank capacity			l	4.0
Air filter					Polypropylene net with catechin
Air purifying operation		Power input	Turbo/H/M/L/Silent	kW	0.081/0.035/0.018/0.011/0.008
Deodorizing method					Flash streamer Titanium apatite photocatalytic filterDeodorising catalyst
Dust collecting method					Plasma ionizerElectrostatic dust collection filter
Sign					Dust: 3 stages, Odour: 3 stages, Air flow rate: auto/LL/L/M/H, Turbo mode HH, anti-pollen mode Off timer: 1/4/8h Cleaning: ionization/streamer
Power supply	Name / Phase / Frequency / Voltage			Hz / V	VM / 1~ / 50/60 / 220-240/220-230
Type					Humidifying air purifier

MCK75JVM-K



How does the humidification function work?

Water in the tank flows into the receiver tray housing the water wheel, which lifts the water as it rotates and releases it onto the filter. Air blown onto the filter, absorbs its moisture and discharges it into the room as humidification.



Daikin Ururu Air Purifier also removes efficiently allergens (e.g. pollen, house dust mites, dust, etc.), bacteria and viruses. Additionally, it has a high deodorizing efficiency; it eliminates efficiently tobacco smoke whilst decomposing other smells. It quickly collects particles and breaks them down rapidly. Its quiet operation makes it ideal for quiet nights. The unit includes seven pleated filters (one for immediate use and 6 spares).

People are becoming more and more aware of the cost of heating. Traditional heating systems and boilers use fossil fuels, making them an expensive and not sustainable option for the environment. Nobody wants to waste their money. Since approximately two thirds of the heat generated by the Daikin heat pump systems, is free of charge, the perfect solution is just around the corner. Moreover, since heat pumps consume less energy than traditional heating systems, they also generate less CO_2 emissions.

Air to water and air to air heat pumps use energy from renewable sources: the ambient air. These energy sources are renewable and inexhaustible. Of course, heat pumps also need energy to function (mostly electricity), but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass)

It is no surprise that people throughout Europe are becoming aware of new heating technology. In less than a decade practically all properly insulated buildings from Italy to Norway will be heated with heat pumps. Millions of heat pumps have already been installed in residential and commercial applications. So… why wait?

95% of our air conditioning equipment can heat and/or cool and thus are heat pumps. The products in this chapter are optimised heating solutions as their primary scope and purpose is heating.

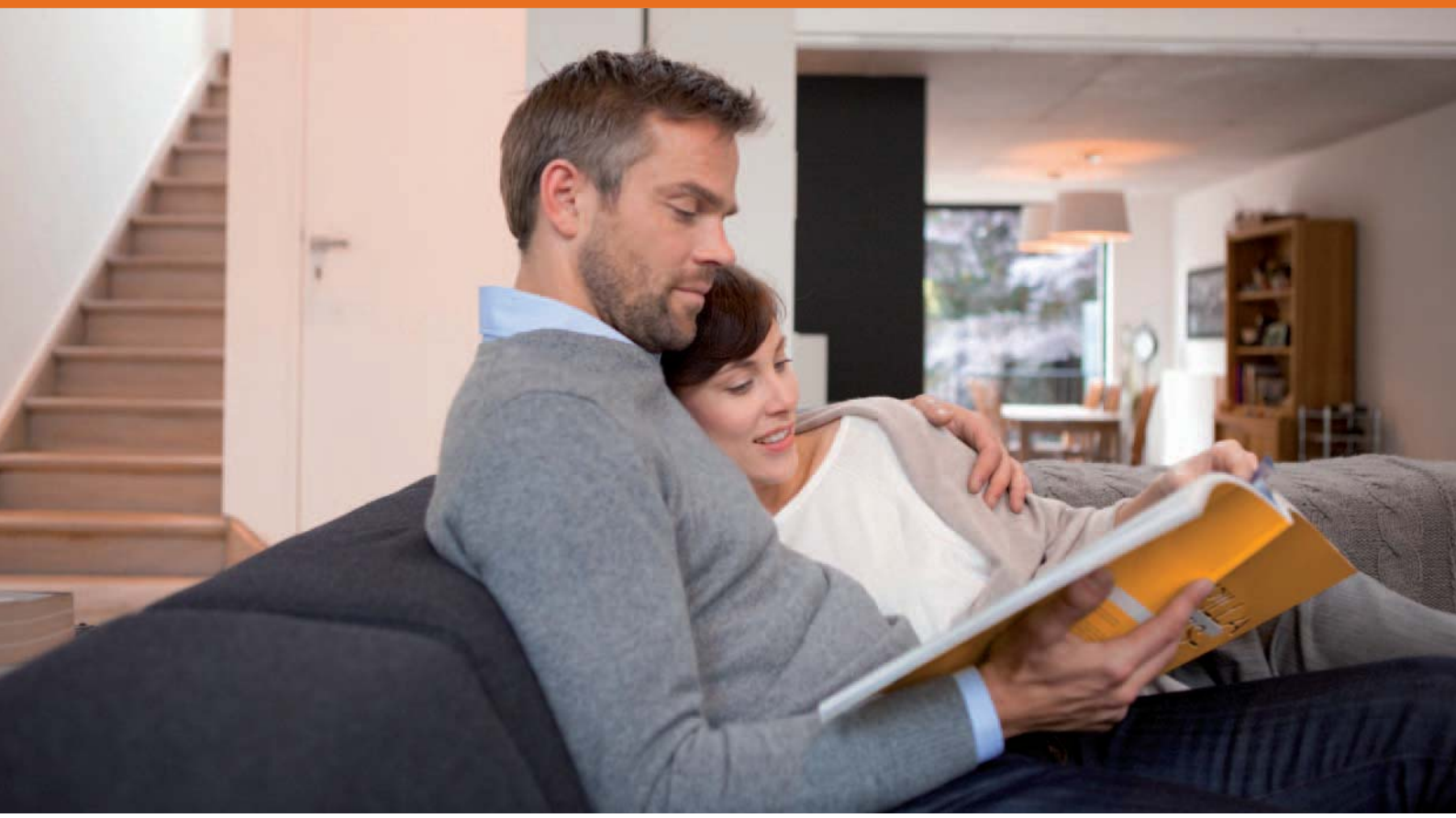
HEATING

Daikin Altherma Overview

	DAIKIN ALTHERMA LOW TEMPERATURE	
	SPLIT	MONOBLOC
		
HEATING APPLICATION	› New houses › Together with existing boiler (bivalent)	
INSTALLATION OF HEAT PUMP	› 1 indoor unit › 1 outdoor unit	› 1 outdoor unit
CONNECTABLE HEATING EMITTERS	› Under floor heating › Low temperature radiators › Fan coil units › Heat pump convector	
COMBINABLE WITH	› Domestic hot water › Cooling › Solar connection for hot water production	

DAIKIN ALTHERMA HIGH TEMPERATURE	DAIKIN ALTHERMA FLEX TYPE	DAIKIN ALTHERMA DOMESTIC HOT WATER HEAT PUMP
SPLIT 		
› Renovation: replacement of traditional boilers	› Apartments › Collective housing › Hotels › Fitness › Spa › Schools › Hospitals › Libraries	› Not applicable
› 1 indoor unit › 1 outdoor unit	› Several indoor units › 1 or more outdoor units	› 1 indoor unit
› High temperature radiators	› Under floor heating › Low temperature radiators › Fan coil units › Heat pump convector	› Not applicable
› Domestic hot water › Solar connection for hot water production	› Domestic hot water › Cooling (Heat recovery)	› Domestic hot water

Combination tables



Daikin Altherma low temperature split

			OUTDOOR						DOMESTIC HOT WATER TANK		
Down to -20°C outdoor temp.			ERHQ-BBV3	ERHQ-BBV3	ERHQ-BBV3	ERHQ-BV3 ERHQ-BW1	ERHQ-BV3 ERHQ-BW1	ERHQ-BV3 ERHQ-BW1	EKHTS-AC	EKHWS-B	EKHWE-A
Down to -25°C outdoor temp.			ERLQ-BBV3	ERLQ-BBV3	ERLQ-BBV3	ERLQ-CV3 ERLQ-CW1	ERLQ-CV3 ERLQ-CW1	ERLQ-CV3 ERLQ-CW1			
INDOOR		Range	006	007	008	011	014	016	200-260	150-200-300	150-200-300
Wall mounted	EKHBH-BB	008	heating only							hot water + solar (opt.)	
		016				heating only					
	EKHBX-BB	008	heating & cooling								
		016				heating & cooling					
Floor standing	EKHVH-BB	008	heating only						hot water + solar (opt.)		
		016				heating only					
	EKHVX-BB	008	heating & cooling								
		016				heating & cooling					

	MONOBLOC						DOMESTIC HOT WATER TANK		
With bottom plate heater	EDLQ-BB6V3 EDLQ-BB6W1	EDLQ-BB6V3 EDLQ-BB6W1	EDLQ-BB6V3 EDLQ-BB6W1	EBLQ-BB6V3 EBLQ-BB6W1	EBLQ-BB6V3 EBLQ-BB6W1	EBLQ-BB6V3 EBLQ-BB6W1	EKHTS-AC	EKHWS-B	EKHWE-A
Without bottom plate heater	EDHQ-BB6V3 EDHQ-BB6W1	EDHQ-BB6V3 EDHQ-BB6W1	EDHQ-BB6V3 EDHQ-BB6W1	EBHQ-BB6V3 EBHQ-BB6W1	EBHQ-BB6V3 EBHQ-BB6W1	EBHQ-BB6V3 EBHQ-BB6W1			
	006	007	008	011	014	016	200-260	150-200-300	150-200-300
	heating only			heating & cooling				hot water + solar (opt.)	

Daikin Altherma high temperature split

			OUTDOOR								DOMESTIC HOT WATER TANK	
			ERRQ-A ERSQ-A	ERRQ-A ERSQ-A	ERRQ-A ERSQ-A	EMRQ-A	EMRQ-A	EMRQ-A	EMRQ-A	EMRQ-A	EKHTS-AC	EKHWP-A
INDOOR		Range	011	014	016	8	10	12	14	16	200-260	300-500
Floor standing	EKHBRD-AC	011	heating only								hot water	hot water + solar (opt.)
		014										
		016										

Daikin Altherma Flex Type

			OUTDOOR					DOMESTIC HOT WATER TANK
			EMRQ-A	EMRQ-A	EMRQ-A	EMRQ-A	EMRQ-A	EKHTS-AC
INDOOR		Range	8	10	12	14	16	200-260
Floor standing	EKHVMRD-A	50	heating only					hot water
		80						
	EKHVMYD-A	50	heating & cooling					
		80						
	EKHBRD-AC	011	heating only					
		014						
		016						

Heating, domestic hot water & cooling

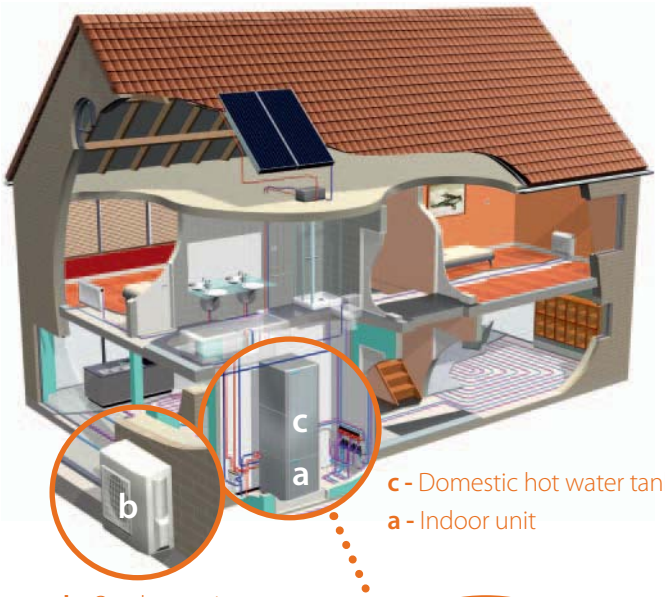
for new houses

1 Split system

A split system consists of an outdoor unit and an indoor unit

The outdoor unit is compact and requires no drilling or excavation work, making it easy to install in houses and apartments. This unit extracts heat from the outside air and raises its temperature to a level high enough to provide heating. This heat is then transferred - via refrigerant pipes, which, of course, can never freeze - to the indoor unit, which is available as either a floor standing or wall-mounted unit. Here the heat (up to 55°C) is transferred to the under floor heating, heat pump convectors, low temperature radiators or regular fan coil units and the domestic hot water system. If a heating and cooling combination is desired, then the indoor unit can lower the temperature to distribute a refreshing coolness.

Available capacities for split systems: 6, 7, 8 kW and 11, 14, 16 kW



c - Domestic hot water tank
a - Indoor unit
b -Outdoor unit

New
floor standing model

Domestic hot water tank

As for the domestic hot water, Daikin Altherma is just as clever. The water inside the storage tank is initially warmed up by thermal energy from the outside air, thanks to the connection with the indoor unit.

The standard domestic hot water tank with a stainless steel finish is available in different sizes and capacities.

Easy control

With the wired or wireless room thermostat*, the ideal temperature can be easily, quickly and conveniently regulated. It allows for more precise measurement , thus allowing your customer to regulate the comfort levels optimally and more energy efficiently.

Heat pump convector

Although the Daikin Altherma system is compatible with all types of heat emitters such as under floor heating, radiators and fan coil units. The optimal solution is the heat pump convector which is much more than a fan coil unit or any other heat emitter. It can provide both heating and cooling if required and obtains optimal energy efficiency by approximately 25% when connected to a Daikin Altherma low temperature system in combination with under floor heating.

*EKRTW for wired wall mounted and EKRTR for the wireless type.

Daikin Altherma low temperature monobloc

Daikin Altherma offers

two low temperature systems

including a domestic hot water system all of which connect to the same range of accessories.

Outdoor unit only

2 Monobloc system

Everything combined in one outdoor unit

In addition to Daikin Altherma split systems, Daikin has introduced a monobloc version in which all hydraulic parts are located within the outdoor unit. In this system, the water pipes, rather than the refrigerant pipes, run indoors from the outdoor unit, making installation much quicker and easier for the domestic installer.

Available capacities for monobloc: 6, 8 kW and 11, 14, 16 kW

New
extra small
casing

Accessories for low temperature applications

Under floor heating

As Rotex is part of the Daikin group, all heating supplies can be offered. For more information, contact your local supplier.

Solar connection

To save even more energy on your domestic hot water production, the Daikin Altherma system can be connected to a solar system.The high-efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating. The collectors can be mounted on the roof tiles.

EKHB(H/X)-BB / ERHQ-(BBV3/BV3/BW1)

Daikin Altherma low temperature split

EKHBH(X)-BB

ER(H/L)Q006-008BBV3

ER(H/L)Q011-016BV3/CV3

INVERTER

- Wall mounted indoor unit
- Outdoor unit extracts heat from the outdoor air, even at -25°C (ERLQ-C)
- Energy efficient heating and cooling system based on air to water heat pump technology
- Flexible configuration with respect to heat emitters
- Low energy bills and low CO_2 emissions
- Eco-label certified
- Inverter controlled swing or scroll compressor

Down to -20°C outdoor t°

					Heating only	Heating & Cooling	Heating only	Heating & Cooling
Indoor unit					EKHBH008BB	EKHBX008BB	EKHBH016BB	EKHBX016BB
Casing	Colour				RAL9010			
	Material				Epoxy polyester painted galvanised steel			
Dimensions	Unit	HeightxWidthxDepth		mm	922x502x361			
Weight	Unit			kg	46		48	
Operation range	Heating	Ambient	Min.~Max.	°C	-20 (1) / -25 (2)~35			
		Water side	Min.~Max.	°C	15~50			
	Cooling	Ambient	Min.~Max.	°C	-	10~43	-	10~43
		Water side	Min.~Max.	°C	-	5~22	-	5~22
Sound power level	Medium speed	0 ESP		dBA	42			
Sound pressure level	Medium speed	0 ESP		dBA	28			

				Heating & Cooling			Heating & Cooling			Heating & Cooling		
Outdoor unit				ERHQ006BBV3	ERHQ007BBV3	ERHQ008BBV3	ERHQ011BV3	ERHQ014BV3	ERHQ016BV3	ERHQ011BW1	ERHQ014BW1	ERHQ016BW1
Heating capacity	Min.		kW	4.36 (1) / 3.87 (2)	4.36 (1) / 3.87 (2)	4.36 (1) / 3.87 (2)	-	-	-	-	-	-
	Nom.		kW	5.75 (1) / 5.03 (2)	6.84 (1) / 6.10 (2)	8.43 (1) / 7.64 (2)	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.32 (1) / 10.98 (2)	14.50 (1) / 13.57 (2)	16.05 (1) / 15.11 (2)
	Max.		kW	7.45 (1) / 6.68 (2)	8.79 (1) / 7.98 (2)	9.58 (1) / 8.76 (2)	-	-	-	-	-	-
Cooling capacity	Min.		kW	4.82 (1) / 3.67 (2)	4.82 (1) / 3.67 (2)	4.82 (1) / 3.67 (2)	-	-	-	-	-	-
	Nom.		kW	7.20 (1) / 5.12 (2)	8.16 (1) / 5.86 (2)	8.37 (1) / 6.08 (2)	13.9 (1) / 10.0 (2)	17.3 (1) / 12.5 (2)	17.8 (1) / 13.1 (2)	15.05 (1) / 11.72 (2)	16.06 (1) / 12.55 (2)	16.76 (1) / 13.12 (2)
	Max.		kW	7.20 (1) / 5.12 (2)	8.50 (1) / 6.13 (2)	8.91 (1) / 7.10 (2)	-	-	-	-	-	-
Power input	Heating	Nom.	kW	1.26 (1) / 1.58 (2)	1.58 (1) / 1.95 (2)	2.08 (1) / 2.54 (2)	2.46 (1) / 3.06 (2)	3.17 (1) / 3.88 (2)	3.83 (1) / 4.66 (2)	2.54 (1) / 3.15 (2)	3.33 (1) / 4.12 (2)	3.73 (1) / 4.60 (2)
COP				4.56 (1) / 3.18 (2)	4.34 (1) / 3.13 (2)	4.05 (1) / 3.00 (2)	4.55 (1) / 3.37 (2)	4.42 (1) / 3.38 (2)	4.18 (1) / 3.26 (2)	4.46 (1) / 3.48 (2)	4.35 (1) / 3.29 (2)	4.30 (1) / 3.29 (2)
Dimensions	Unit	HeightxWidthxDepth	mm	735x825x300			1,170x900x320			1,345x900x320		
Weight	Unit		kg	56			103			108		
Operation range	Heating	Min.~Max.	°CWB	-15~25			-20~35			-20~35		
	Cooling	Min.~Max.	°CDB	10~43			-			10~46		
	Domestic hot water	Min.~Max.	°CDB	-15~35			-20~43			-20~43		
Refrigerant	Type			R-410A			R-410A			R-410A		
	Charge		kg	1.7			3.7			2.95		
Sound power level	Heating	Nom.	dBA	61		62	-			64		66
	Cooling	Nom.	dBA	63			-			64	66	69
Sound pressure level	Heating	Nom.	dBA	48		49	49	51	53	51		52
	Cooling	Nom.	dBA	48		50	-			50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230			V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses		A	20			32			20		

(1) Condition: Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C)

EKHB(H/X)-BB / ERLQ-(BBV3/CV3/CW1)

Down to -25°C outdoor t°

					Heating only	Heating & Cooling	Heating only	Heating & Cooling
Indoor unit					EKHBH008BB	EKHBX008BB	EKHBH016BB	EKHBX016BB
Casing	Colour				RAL9010			
	Material				Epoxy polyester painted galvanised steel			
Dimensions	Unit	HeightxWidthxDepth		mm	922x502x361			
Weight	Unit			kg	46		48	
Operation range	Heating	Ambient	Min.~Max.	°C	-20 (1) / -25 (2)~35			
		Water side	Min.~Max.	°C	15~50			
	Cooling	Ambient	Min.~Max.	°C	-	10~43	-	10~43
		Water side	Min.~Max.	°C	-	5~22	-	5~22
Sound power level	Medium speed	0 ESP		dBA	42			
Sound pressure level	Medium speed	0 ESP		dBA	28			

					Heating & Cooling			Heating & Cooling			Heating & Cooling		
Outdoor unit					ERLQ006BBV3	ERLQ007BBV3	ERLQ008BBV3	ERLQ011CV3	ERLQ014CV3	ERLQ016CV3	ERLQ011CW1	ERLQ014CW1	ERLQ016CW1
Heating capacity	Min.			kW	4.36 (1) / 3.87 (2)	4.36 (1) / 3.87 (2)	4.36 (1) / 3.87 (2)	-	-	-	-	-	-
	Nom.			kW	5.75 (1) / 5.03 (2)	6.84 (1) / 6.10 (2)	8.43 (1) / 7.64 (2)	11.20 (1) / 10.98 (2)	14.00 (1) / 13.57 (2)	16.00 (1) / 15.20 (2)	11.20 (1) / 10.98 (2)	14.00 (1) / 13.57 (2)	16.00 (1) / 15.20 (2)
	Max.			kW	7.45 (1) / 6.68 (2)	8.79 (1) / 7.98 (2)	9.58 (1) / 8.76 (2)	8.81 (3) / 8.16 (4)	11.65 (3) / 10.96 (4)	12.30 (3) / 11.35 (4)	8.81 (3) / 8.16 (4)	11.65 (3) / 10.96 (4)	12.30 (3) / 11.35 (4)
Cooling capacity	Min.			kW	4.82 (1) / 3.67 (2)	4.82 (1) / 3.67 (2)	4.82 (1) / 3.67 (2)	-	-	-	-	-	-
	Nom.			kW	7.20 (1) / 5.12 (2)	8.16 (1) / 5.86 (2)	8.37 (1) / 6.08 (2)	15.05 (1) / 11.72 (2)	16.06 (1) / 12.55 (2)	16.76 (1) / 13.12 (2)	15.05 (1) / 11.72 (2)	16.06 (1) / 12.55 (2)	16.76 (1) / 13.12 (2)
	Max.			kW	7.20 (1) / 5.12 (2)	8.50 (1) / 6.13 (2)	8.91 (1) / 7.10 (2)	-	-	-	-	-	-
Power input	Heating	Nom.		kW	1.26 (1) / 1.58 (2)	1.58 (1) / 1.95 (2)	2.08 (1) / 2.54 (2)	2.41 (1) / 3.15 (2)	3.14 (1) / 4.12 (2)	3.72 (1) / 4.60 (2)	2.41 (1) / 3.15 (2)	3.14 (1) / 4.12 (2)	3.72 (1) / 4.60 (2)
		Max.		kW	-	-	-	3.43 (3) / 4.05 (4)	4.86 (3) / 5.57 (4)	5.40 (3) / 6.25 (4)	3.43 (3) / 4.05 (4)	4.86 (3) / 5.57 (4)	5.40 (3) / 6.25 (4)
COP					4.56 (1) / 3.18 (2)	4.34 (1) / 3.13 (2)	4.05 (1) / 3.00 (2)	4.66 (1) / 3.48 (2)	4.46 (1) / 3.29 (2)	4.30 (1) / 3.29 (2)	4.66 (1) / 3.48 (2)	4.46 (1) / 3.29 (2)	4.30 (1) / 3.29 (2)
Dimensions	Unit	HeightxWidthxDepth		mm	735x825x300			1,345x900x320			1,345x900x320		
Weight	Unit			kg	57			113			114		
Operation range	Heating	Min.~Max.		°CWB	-15~25			-25~35			-25~35		
	Cooling	Min.~Max.		°CDB	10~43			10.0~46.0			10~46		
	Domestic hot water	Min.~Max.		°CDB	-15~35			-20~35			-20~35		
Refrigerant	Type				R-410A			R-410A			R-410A		
	Charge			kg	1.7			3.4			3.4		
Sound power level	Heating	Nom.		dBA	61		62	64		66	64		66
	Cooling	Nom.		dBA	63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.		dBA	48		49	51		52	51		52
	Cooling	Nom.		dBA	48		50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230			V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses			A	20			40			20		

(1) Condition: Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C)

EKHVH(X)008-016BB

ER(H/L)Q006-008BBV3

ER(H/L)Q011-016BV3/CV3

INVERTER

- Floor standing indoor unit
- Outdoor unit extracts heat from the outdoor air, even at -25°C (ERLQ-C)
- Energy efficient heating and cooling system based on air to water heat pump technology
- Flexible configuration with respect to heat emitters
- Low energy bills and low CO_2 emissions
- Eco-label certified
- Inverter controlled swing or scroll compressor

Down to -20°C outdoor t°

					Heating only	Heating & Cooling	Heating only	Heating & Cooling
Indoor unit					EKHVH008BB	EKHVX008BB	EKHVH016BB	EKHVX016BB
Casing	Colour				Metallic grey			
	Material				Precoated sheet metal			
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695			
Weight	Unit			kg	65			
Operation range	Heating	Ambient	Min.~Max.	°C	-20~35			
		Water side	Min.~Max.	°C	15 ~50			
	Cooling	Ambient	Min.~Max.	°C	-	10~46	-	10~46
		Water side	Min.~Max.	°C	-	5~22	-	5~22
	Domestic hot water	Water side	Min.~Max.	°C	25~60			
Sound power level	Medium speed	0 ESP		dBA	42			
Sound pressure level	Medium speed	0 ESP		dBA	28			

				Heating & Cooling			Heating & Cooling			Heating & Cooling		
Outdoor unit				ERHQ006BBV3	ERHQ007BBV3	ERHQ008BBV3	ERHQ011BV3	ERHQ014BV3	ERHQ016BV3	ERHQ011BW1	ERHQ014BW1	ERHQ016BW1
Heating capacity	Min.		kW	4.36 (1) / 3.87 (2)	4.36 (1) / 3.87 (2)	4.36 (1) / 3.87 (2)	-	-	-	-	-	-
	Nom.		kW	5.75 (1) / 5.03 (2)	6.84 (1) / 6.10 (2)	8.43 (1) / 7.64 (2)	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.32 (1) / 10.98 (2)	14.50 (1) / 13.57 (2)	16.05 (1) / 15.11 (2)
	Max.		kW	7.45 (1) / 6.68 (2)	8.79 (1) / 7.98 (2)	9.58 (1) / 8.76 (2)	-	-	-	-	-	-
Heating capacity	Min.		kW	4.82 (1) / 3.67 (2)	4.82 (1) / 3.67 (2)	4.82 (1) / 3.67 (2)	-	-	-	-	-	-
	Nom.		kW	7.20 (1) / 5.12 (2)	8.16 (1) / 5.86 (2)	8.37 (1) / 6.08 (2)	13.9 (1) / 10.0 (2)	17.3 (1) / 12.5 (2)	17.8 (1) / 13.1 (2)	15.05 (1) / 11.72 (2)	16.06 (1) / 12.55 (2)	16.76 (1) / 13.12 (2)
	Max.		kW	7.20 (1) / 5.12 (2)	8.50 (1) / 6.13 (2)	8.91 (1) / 7.10 (2)	-	-	-	-	-	-
Power input	Heating	Nom.	kW	1.26 (1) / 1.58 (2)	1.58 (1) / 1.95 (2)	2.08 (1) / 2.54 (2)	2.46 (1) / 3.06 (2)	3.17 (1) / 3.88 (2)	3.83 (1) / 4.66 (2)	2.54 (1) / 3.15 (2)	3.33 (1) / 4.12 (2)	3.73 (1) / 4.60 (2)
COP				4.56 (1) / 3.18 (2)	4.34 (1) / 3.13 (2)	4.05 (1) / 3.00 (2)	4.55 (1) / 3.37 (2)	4.42 (1) / 3.38 (2)	4.18 (1) / 3.26 (2)	4.46 (1) / 3.48 (2)	4.35 (1) / 3.29 (2)	4.30 (1) / 3.29 (2)
Dimensions	Unit	HeightxWidthxDepth	mm	735x825x300			1,170x900x320			1,345x900x320		
Weight	Unit		kg	56			103			108		
Operation range	Heating	Min.~Max.	°CWB	-15~25			-20~35			-20~35		
	Cooling	Min.~Max.	°CDB	10~43			-			10~46		
	Domestic hot water	Min.~Max.	°CDB	-15~35			-20~43			-20~43		
Refrigerant	Type			R-410A			R-410A			R-410A		
	Charge		kg	1.7			3.7			2.95		
Sound power level	Heating	Nom.	dBA	61		62	-			64		66
	Cooling	Nom.	dBA	63			-			64	66	69
Sound pressure level	Heating	Nom.	dBA	48		49	49	51	53	51		52
	Cooling	Nom.	dBA	48		50	-			50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230			V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses		A	20			32			20		

(1) Condition: Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C)

EKHV(H/X)-BB / ERLQ-(BBV3/CV3/CW1)

Down to -25°C outdoor t°

					Heating only	Heating & Cooling	Heating only	Heating & Cooling
Indoor unit					EKHVH008BB	EKHVX008BB	EKHVH016BB	EKHVX016BB
Casing	Colour				Metallic grey			
	Material				Precoated sheet metal			
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695			
Weight	Unit			kg	65			
Operation range	Heating	Ambient	Min.~Max.	°C	-20~35			
		Water side	Min.~Max.	°C	15 ~50			
	Cooling	Ambient	Min.~Max.	°C	-	10~46	-	10~46
		Water side	Min.~Max.	°C	-	5~22	-	5~22
	Domestic hot water	Water side	Min.~Max.	°C	25~60			
Sound power level	Medium speed	0 ESP		dBA	42			
Sound pressure level	Medium speed	0 ESP		dBA	28			

				Heating & Cooling			Heating & Cooling			Heating & Cooling		
Outdoor unit				ERLQ006BBV3	ERLQ007BBV3	ERLQ008BBV3	ERLQ011CV3	ERLQ014CV3	ERLQ016CV3	ERLQ011CW1	ERLQ014CW1	ERLQ016CW1
Heating capacity	Min.		kW	4.36 (1) / 3.87 (2)	4.36 (1) / 3.87 (2)	4.36 (1) / 3.87 (2)	11.20 (1) / 10.98 (2)	14.00 (1) / 13.57 (2)	16.00 (1) / 15.20 (2)	11.20 (1) / 10.98 (2)	14.00 (1) / 13.57 (2)	16.00 (1) / 15.20 (2)
	Nom.		kW	5.75 (1) / 5.03 (2)	6.84 (1) / 6.10 (2)	8.43 (1) / 7.64 (2)	8.81 (3) / 8.16 (4)	11.65 (3) / 10.96 (4)	12.30 (3) / 11.35 (4)	8.81 (3) / 8.16 (4)	11.65 (3) / 10.96 (4)	12.30 (3) / 11.35 (4)
	Max.		kW	7.45 (1) / 6.68 (2)	8.79 (1) / 7.98 (2)	9.58 (1) / 8.76 (2)	2.41 (1) / 3.15 (2)	3.14 (1) / 4.12 (2)	3.72 (1) / 4.60 (2)	2.41 (1) / 3.15 (2)	3.14 (1) / 4.12 (2)	3.72 (1) / 4.60 (2)
Cooling capacity	Min.		kW	4.82 (1) / 3.67 (2)	4.82 (1) / 3.67 (2)	4.82 (1) / 3.67 (2)	-	-	-	-	-	-
	Nom.		kW	7.20 (1) / 5.12 (2)	8.16 (1) / 5.86 (2)	8.37 (1) / 6.08 (2)	15.05 (1) / 11.72 (2)	16.06 (1) / 12.55 (2)	16.76 (1) / 13.12 (2)	15.05 (1) / 11.72 (2)	16.06 (1) / 12.55 (2)	16.76 (1) / 13.12 (2)
	Max.		kW	7.20 (1) / 5.12 (2)	8.50 (1) / 6.13 (2)	8.91 (1) / 7.10 (2)	-	-	-	-	-	-
Power input	Heating	Nom.	kW	1.26 (1) / 1.58 (2)	1.58 (1) / 1.95 (2)	2.08 (1) / 2.54 (2)	3.43 (3) / 4.05 (4)	4.86 (3) / 5.57 (4)	5.40 (3) / 6.25 (4)	3.43 (3) / 4.05 (4)	4.86 (3) / 5.57 (4)	5.40 (3) / 6.25 (4)
COP				4.56 (1) / 3.18 (2)	4.34 (1) / 3.13 (2)	4.05 (1) / 3.00 (2)	4.66 (1) / 3.48 (2) / 2.57 (3) / 2.01 (4)	4.46 (1) / 3.29 (2) / 2.40 (3) / 1.97 (4)	4.30 (1) / 3.29 (2) / 2.28 (3) / 1.82 (4)	4.66 (1) / 3.48 (2) / 2.57 (3) / 2.01 (4)	4.46 (1) / 3.29 (2) / 2.40 (3) / 1.97 (4)	4.30 (1) / 3.29 (2) / 2.28 (3) / 1.82 (4)
Dimensions	Unit	HeightxWidthxDepth	mm	735x825x300			1,345x900x320			1,345x900x320		
Weight	Unit		kg	57			113			114		
Operation range	Heating	Min.~Max.	°CWB	-15~25			-25~35			-25~35		
	Cooling	Min.~Max.	°CDB	10~43			10.0~46.0			10~46		
	Domestic hot water	Min.~Max.	°CDB	-15~35			-20~35			-20~35		
Refrigerant	Type			R-410A			R-410A			R-410A		
	Charge		kg	1.7			3.4			3.4		
Sound power level	Heating	Nom.	dBA	61		62	64		66	64		66
	Cooling	Nom.	dBA	63			64	66	69	64	66	69
Sound pressure level	Heating	Nom.	dBA	48		49	51		52	51		52
	Cooling	Nom.	dBA	48		50	50	52	54	50	52	54
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230			V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses		A	20			40			20		

(1) Condition: Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition: Ta DB/WB 7°C/6°C - LWC 45°C (Dt=5°C)

EBHQ-BV3
EKCB(H/X)BB

Daikin Altherma low temperature monobloc

EBHQ-BV3

EKCBH(X)-BB

ED(L/H)Q-BB

INVERTER

- Single phase reversible monobloc (EBHQ-BV3)
- Single and three phase heating only monobloc (ED(L/H)Q-BB)
- Energy efficient heating and cooling system based on air to water heat pump technology
- H_2O piping between outdoor unit and indoor heat emitters
- Low energy bills and low CO_2 emissions
- Eco-label certified
- Built-in electric back-up heater as additional heating during extremely cold outdoor temperature
- Inverter controlled swing compressor

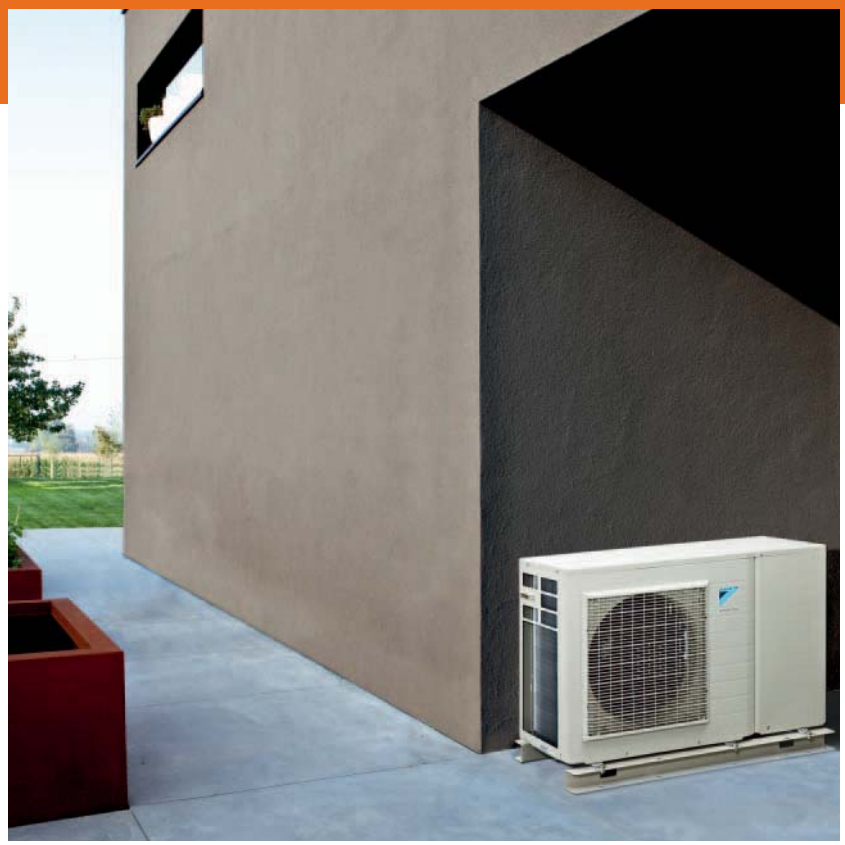
6kW to 8kW

					Heating only	Heating & Cooling
Control box					EKCBH008BBV3	EKCBX008BBV3
Dimensions	Unit	Height		mm	390	
		Width		mm	412	
		Depth		mm	100	
		Depth with remocon mounted on front plate		mm	120	
Weight	Unit			kg	6	
Operation range	Indoor installation	Ambient	Min.	°CDB	4	
			Max.	°CDB	35	

					Heating & Cooling	Heating & Cooling
Outdoor unit					EBHQ006BV3	EBHQ008BV3
Heating capacity	Nom.			kW	6.00 (1) / 5.58 (2)	8.85 (1) / 8.15 (2)
Cooling capacity	Nom.			kW	7.00 (1) / 5.12 (2)	8.37 (1) / 6.08 (2)
Power input	Cooling	Nom.		kW	2.20 (1) / 2.16 (2)	2.97 (1) / 2.75 (2)
	Heating	Nom.		kW	1.41 (1) / 1.79 (2)	2.21 (1) / 2.72 (2)
COP					4.26 (1) / 3.11 (2)	4.00 (1) / 3.00 (2)
EER					3.18 (1) / 2.37 (2)	2.82 (1) / 2.21 (2)
Dimensions	Unit	Height		mm	805	
		Width		mm	1,190	
		Depth		mm	360	
Weight	Unit			kg	95	
Operation range	Heating	Ambient	Min.~Max.	°CWB	-15~25	
		Water side	Min.~Max.	°C	15~50	
	Cooling	Ambient	Min.~Max.	°CDB	10~43	
		Water side	Min.~Max.	°C	5~22	
	Domestic hot water	Ambient	Min.~Max.	°CDB	-15~35	
		Water side	Min.~Max.	°C	25~80	
Refrigerant	Type				R-410A	
	Charge			kg	1.7	
Sound power level	Heating	Nom.		dBA	61	62
	Cooling	Nom.		dBA	63	
Sound pressure level	Heating	Nom.		dBA	48	49
	Cooling	Nom.		dBA	48	50
Compressor component	Main power supply	Name			V3	
		Phase			1~	
		Frequency		Hz	50	
		Voltage		V	230	

(1) EN14511: cooling Ta 35°C - LWE 18°C (Dt = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (Dt = 5°C) (2) EN14511: cooling Ta 35°C - LWE 7°C (Dt = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (Dt = 5°C)

ED(L/H)Q-BB6(V3/W1)



Heating only - 11kW to 16kW

With bottom plate heater					EDLQ011BB6V3	EDLQ014BB6V3	EDLQ016BB6V3	EDLQ011BB6W1	EDLQ014BB6W1	EDLQ016BB6W1
Without bottom plate heater					EDHQ011BB6V3	EDHQ014BB6V3	EDHQ016BB6V3	EDHQ011BB6W1	EDHQ014BB6W1	EDHQ016BB6W1
Heating capacity	Nom.			kW	11.20 (1) / 10.87 (2)	14.00 (1) / 13.10 (2)	16.00 (1) / 15.06 (2)	11.20 (1) / 10.87 (2)	14.00 (1) / 13.10 (2)	16.00 (1) / 15.06 (2)
Power input	Heating	Nom.		kW	2.47 (1) / 3.22 (2)	3.20 (1) / 3.91 (2)	3.79 (1) / 4.62 (2)	2.51 (1) / 3.12 (2)	3.22 (1) / 3.98 (2)	3.72 (1) / 4.58 (2)
COP					4.54 (1) / 3.37 (2)	4.37 (1) / 3.35 (2)	4.22 (1) / 3.26 (2)	4.46 (1) / 3.48 (2)	4.35 (1) / 3.29 (2)	4.30 (1) / 3.29 (2)
Dimensions	Unit	Height		mm	1,418			1,418		
		Width		mm	1,435			1,435		
		Depth		mm	382			382		
Weight	Unit			kg	180			180		
Hydraulic component	Back-up heater current	Type			6V3			6W1		
		Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230			3~/50/400		
Operation range	Heating	Ambient	Min.~Max.	°CWB	-15~35			-15~35		
		Water side	Min.~Max.	°C	15~55			15 (6)~55 (6)		
	Domestic hot water	Ambient	Min.~Max.	°CDB	-15~43			-15~43		
		Water side	Min.~Max.	°C	25~80			25~80		
Refrigerant	Type				R-410A			R-410A		
	Charge			kg	2.95			2.95		
Sound power level	Heating	Nom.		dBA	64	65	66	64	65	66
Sound pressure level	Heating	Nom.		dBA	51		52	49	51	53
Compressor component	Main power supply	Name			V3			W1		
		Phase			1~			3N~		
		Frequency		Hz	50			50		
		Voltage		V	230			400		

(1) Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

EB(L/H)Q-BB6(V3/W1) Daikin Altherma low temperature monobloc

EB(L/H)Q-BB

- **Single and three phase reversible monobloc from 11kW to 16kW**
- Energy efficient heating and cooling system based on air to water heat pump technology
- H_2O piping between outdoor unit and indoor heat emitters
- Low energy bills and low CO_2 emissions
- Eco-label certified
- Built-in electric back-up heater as additional heating during extremely cold outdoor temperature
- Inverter controlled scroll compressor

Heating & Cooling

With bottom plate heater						EBLQ011BB6V3	EBLQ014BB6V3	EBLQ016BB6V3	EBLQ011BB6W1	EBLQ014BB6W1	EBLQ016BB6W1
Without bottom plate heater						EBHQ011BB6V3	EBHQ014BB6V3	EBHQ016BB6V3	EBHQ011BB6W1	EBHQ014BB6W1	EBHQ016BB6W1
Heating capacity	Nom.				kW	11.20 (1) / 10.87 (2)	14.00 (1) / 13.10 (2)	16.00 (1) / 15.06 (2)	11.20 (1) / 10.87 (2)	14.00 (1) / 13.10 (2)	16.00 (1) / 15.06 (2)
Cooling capacity	Nom.				kW	12.85 (1) / 10.00 (2)	15.99 (1) / 12.50 (2)	16.73 (1) / 13.10 (2)	12.85 (1) / 10.00 (2)	15.99 (1) / 12.50 (2)	16.73 (1) / 13.10 (2)
Power input	Cooling	Nom.			kW	3.78 (1) / 3.60 (2)	5.65 (1) / 5.30 (2)	6.28 (1) / 5.85 (2)	3.78 (1) / 3.60 (2)	5.32 (1) / 4.98 (2)	6.06 (1) / 5.65 (2)
	Heating	Nom.			kW	2.47 (1) / 3.22 (2)	3.20 (1) / 3.91 (2)	3.79 (1) / 4.62 (2)	2.51 (1) / 3.12 (2)	3.22 (1) / 3.98 (2)	3.72 (1) / 4.58 (2)
COP						4.54 (1) / 3.37 (2)	4.37 (1) / 3.35 (2)	4.22 (1) / 3.26 (2)	4.46 (1) / 3.48 (2)	4.35 (1) / 3.29 (2)	4.30 (1) / 3.29 (2)
EER						3.39 (1) / 2.78 (2)	2.83 (1) / 2.36 (2)	2.66 (1) / 2.24 (2)	3.39 (1) / 2.78 (2)	3.01 (1) / 2.51 (2)	2.76 (1) / 2.32 (2)
Dimensions	Unit	Height			mm	1,418			1,418		
		Width			mm	1,435			1,435		
		Depth			mm	382			382		
Weight	Unit				kg	180			180		
Hydraulic component	Back-up heater current	Type				6V3			6W1		
		Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230			3~/50/400		
Operation range	Heating	Ambient	Min.~Max.		°CWB	-15~35			-15~35		
		Water side	Min.~Max.		°C	15 (6)~55 (6)			15 (6)~55 (6)		
	Cooling	Ambient	Min.~Max.		°CDB	10~46			10~46		
		Water side	Min.~Max.		°C	5~22			5~22		
	Domestic hot water	Ambient	Min.~Max.		°CDB	-15~43			-15~43		
		Water side	Min.~Max.		°C	25~80			25~80		
Refrigerant	Type					R-410A			R-410A		
	Charge				kg	2.95			2.95		
Sound power level	Heating	Nom.			dBA	64	65	66	64	65	66
	Cooling	Nom.			dBA	65	66	69	65	66	69
Sound pressure level	Heating	Nom.			dBA	51		52	49	51	53
	Cooling	Nom.			dBA	50	52	54	50	52	54
Compressor component	Main power supply	Name				V3			W1		
		Phase				1~			3N~		
		Frequency			Hz	50			50		
		Voltage			V	230			400		

(1) Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Domestic hot water tanks - Survey

Whether your customer wants domestic hot water only or the advantage of solar energy, Daikin offers you the domestic hot water tank that meets his or her requirements.

		Domestic hot water tank		
		EKHTS-AC	EKHWS-B	EKHWE-A
INDOOR		200-260	150-200-300	150-200-300
Wall mounted	EKHBH-BB		hot water + solar (opt.)	
	EKHBX-BB			
floor standing	EKHVH-BB	hot water + solar (opt.)		
	EKHVX-BB			
MONOBLOC		200-260	150-200-300	150-200-300
With bottom plate heater	EDLQ-BB6V3 / EDLQ-BB6W1		hot water + solar (opt.)	
	EBLQ-BB6V3 / EBLQ-BB6V3			
Without bottom plate heater	EDHQ-BB6V3 / EDHQ-BB6W1			
	EBHQ-B6V3 / EBHQ-BB6V3			

EKHTS-AC

Domestic hot water tank

EKHTS200AC EKHTS260AC

- Stainless steel domestic hot water tank
- The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- Available in 200 and 260 liters
- Heat loss is reduced to a minimum thanks to the high quality insulation
- At necessary intervals, the indoor unit can heat up the water to 60°C to prevent the risk of bacteria growth
- Efficient temperature heat-up: from 10°C to 50°C in only 60 minutes

Domestic hot water tank				EKHTS200AC	EKHTS260AC
Casing	Colour			Metallic grey	
	Material			Galvanised steel (precoated sheet metal)	
Dimensions	Unit	HeightxIntegrated on indoor unitxWidthxDepth	mm	2,010x600x695	2,285x600x695
Weight	Unit	Empty	kg	70	78
Tank	Water volume		l	200	260
	Material			Stainless steel (EN 1.4521)	
	Maximum water temperature		°C	75	
Heat exchanger	Quantity			1	
	Tube material			Duplex steel (EN 1.4162)	
	Face area		m^2	1.56	
	Internal coil volume		l	7.5	

EKHWS-B

Domestic hot water tank

EKHWS-B

- Stainless steel domestic hot water tank
- Available in 150,200 and 300 liters

Domestic hot water tank				EKHWS150B3V3	EKHWS200B3V3	EKHWS300B3V3	EKHWS200B3Z2	EKHWS300B3Z2
Casing	Colour			Neutral white				
	Material			Epoxy-coated mild steel				
Dimensions	Unit	HeightxWidthxDepth	mm	900x580x580	1,150x580x580	1,650x580x580	1,150x580x580	1,650x580x580
Weight	Unit	Empty	kg	37	45	59	45	59
Tank	Water volume		l	150	200	300	200	300
	Material			Stainless steel (DIN 1.4521)				
	Maximum water temperature		°C	85				
Heat exchanger	Quantity			1				
	Tube material			Duplex steel LDX 2101				
Booster heater	Capacity		kW	3				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230			2~/50/400	

EKHWE-A

Domestic hot water tank

EKHWE200A

- Enameled domestic hot water tank
- Available in 150,200 and 300 liters

Domestic hot water tank				EKHWE150A3V3	EKHWE200A3V3	EKHWE300A3V3	EKHWE200A3Z2	EKHWE300A3Z2
Casing	Colour			RAL9010				
	Material			Epoxy coated steel				
Dimensions	Unit	HeightxDiameter	mm	1,205x545	1,580x545	1,572x660	1,580x545	1,572x660
Weight	Unit	Empty	kg	80	104	140	104	140
Tank	Water volume		l	150	200	300	200	300
	Maximum water temperature		°C	75				
Booster heater	Capacity		kW	3.0				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230			2~/50/400	

EKRTR / EKRTW

Wireless and wired room thermostat

EKRTR

EKRTW

- Heating and cooling mode, with possibility to disable cooling mode if not required
- Comfort function mode activates the programmed temperature levels intended for a home occupied during the day; default setpoints are 21°C in heating mode and 24°C in cooling mode and can be changed by the user
- Reduced function mode activates the programmed temperature levels for periods when the house is unoccupied or at night; default setpoints are 17°C in heating, 28°C in cooling mode and can be changed by the user
- Scheduled function mode: uses a timer to schedule heatin and cooling setpoints throughout the day; up to 12 setpoints can be programmed per day; the selected setpoints will be automatically activated at the scheduled time
- Holiday function mode: intended for setting reduced and fuel-efficient setpoints when the house is unoccupied for long periods. The default setpoints are 14°C for heating and 30°C for cooling.
- Off function: switches the system off; however, the integrated frost protection remains activated (set by default at 4°C).
- Setpoint limitation sets the upper and lower setpoint limits within which the user can programme the desired comfort levels and can only be modified by the installer
- Number of setpoint changes: 12/day
- Key lock function: possible to lock the keys of the room thermostat

Wired room thermostat				EKRTWA
Dimensions	Unit	HeightxWidthxDepth	mm	87x125x34
Weight	Unit		g	215
Ambient temperature	Storage	Min./Max.	°C	-20/60
	Operation	Min./Max.	°C	0/50
Temperature setting range	Heating	Min./Max.	°C	4/37
	Cooling	Min./Max.	°C	4/37
Clock				Yes
Regulation function				Proportional band
Power supply	Voltage		V	Battery powered 3* AA-LR6 (alkaline)
Connection	Type			Wired

Wireless room thermostat				EKRTR1
Dimensions	Thermostat	Height/Width/Depth	mm	87/125/34
	Receiver	Height/Width/Depth	mm	170/50/28
Weight	Thermostat		g	210
	Receiver		g	125
Ambient temperature	Storage	Min./Max.	°C	-20/60
	Operation	Min./Max.	°C	0/50
Temperature setting range	Heating	Min./Max.	°C	4/37
	Cooling	Min./Max.	°C	4/37
Clock				Yes
Regulation function				Proportional band
Power supply	Thermostat	Voltage	V	Battery powered 3x AA-LRG (alkaline)
	Receiver	Voltage	V	230
	Frequency		Hz	50
	Phase			1~
Connection	Thermostat			Wireless
	Receiver			Wired
Maximum distance to receiver	Indoor		m	approx.30m
	Outdoor		m	approx.100m

EKSOLHW

Solar connection

EKSOLHW

- Transfers solar heat to the domestic hot water tank
- Save energy and reduce CO_2 emissions with a solar system for domestic hot water production

Solar kit				EKSOLHW
Dimensions	Unit	HeightxWidthxDepth	mm	770x305x270
Weight	Unit		kg	8
Operation range	Ambient temperature	Min.~Max.	°C	1~35
Sound pressure level	Nom.		dBA	27
Thermal performance	Zero loss collector efficiency η0		%	-
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240
Power supply intake				Indoor unit

EKSR3P

Wired remote control for pump station EKSRDS1A

- Save energy and reduce CO_2 emissions with a solar system for domestic hot water production
- Wired remote control for pump station EKSRDS1A, connectable to pressurised solar system
- Pump station and control provide the transfer of solar heat to the domestic hot water tank

Wired remote control				EKSR3PA
Mounting				On wall
Dimensions	Unit	HeightxWidthxDepth	mm	332x230x145
Thermal performance	Zero loss collector efficiency η0		%	-
Control	Type			Digital temperature difference controller with plain text display
	Power consumption		W	2
Sensor	Solar panel temperature sensor			Pt1000
	Storage tank sensor			PTC
	Return flow sensor			PTC
	Feed temperature and flow sensor			Voltage signal (3.5V DC)
Power supply	Voltage		V	230

EKS(V/H)-P Solar collector

EKSH-P

EKSV-P

- Horizontal and vertical solar collector for domestic hot water production
- Solar panels can produce up to 70% of the energy needed for hot water production – a major cost saving
- High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- Easy to install on roof tiles

Solar collector				EKSH26P	EKSV26P
Dimensions	Unit	HeightxWidthxDepth	mm	1,300x2,000x85	2,000x1,300x85
Weight	Unit		kg	43	
Volume			l	2.1	1.7
Surface	Outer		m^2	2.601	
	Aperture		m^2	2.364	
	Absorber		m^2	2.354	
Coating				Micro-therm (absorption max.96%, Emission ca. 5% +/-2%)	
Absorber				Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate	
Glazing				Single pane safety glass, transmission +/- 92%	
Allowed roof angle	Min.~Max.		°	15~80	
Operating pressure	Max.		bar	6	
Stand still temperature	Max.		°C	200	
Thermal performance	Zero loss collector efficiency η0		%	78.7	
	Heat loss coefficient a1		$W/m^2.K$	4.270	
	Temperature dependence of the heat loss coefficient a2		$W/m^2.K^2$	0.0070	
	Thermal capacity		kJ/K	6.5	
	Incident angle modifier	AM at 50°		0.94	
Installed position				Vertical	Horizontal

Heating & domestic hot water

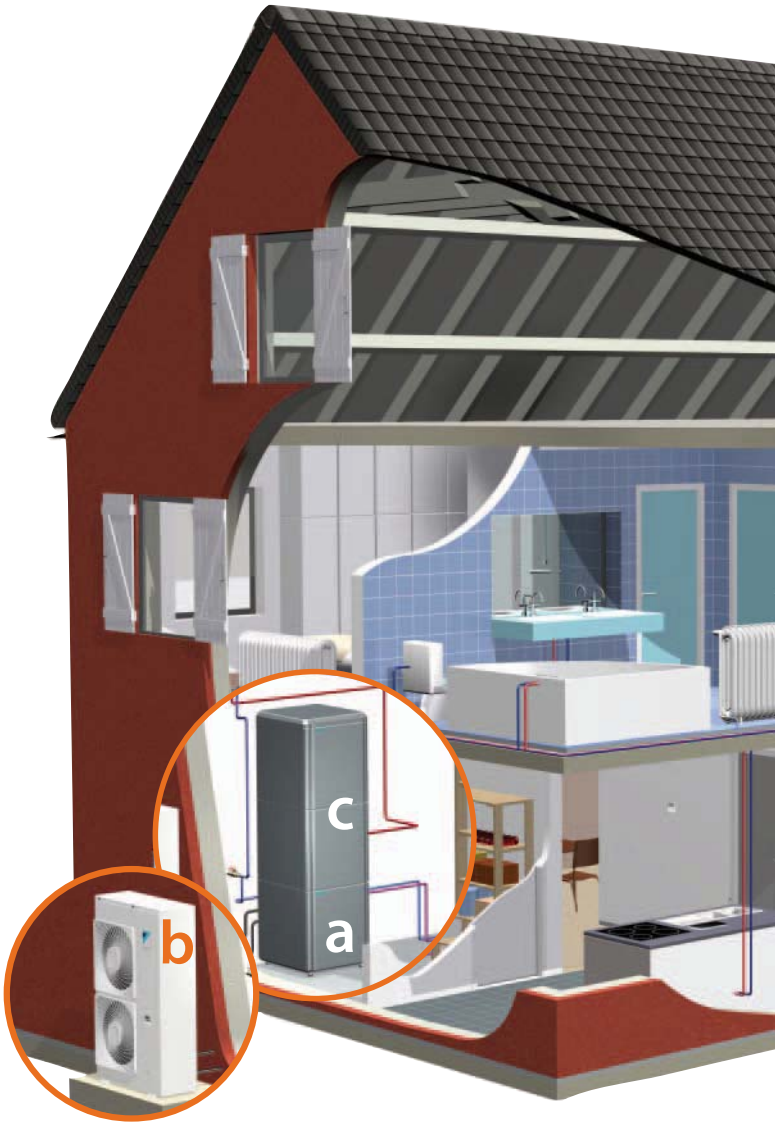
for renovations

1 Split system

A split system consists of an outdoor unit and an indoor unit

The outdoor unit extracts heat from the ambient outdoor air. This heat is transferred to the indoor unit via refrigerant piping.

The indoor unit receives the heat from the outdoor unit and further increases the temperature, allowing water temperatures up to 80°C for heating through radiators and for domestic hot water use. Daikin's unique cascade compressor approach to the heat pumps (one in the outdoor unit/one in the indoor unit) means optimum comfort at even the coldest outdoor temperatures, without the need for an electric back-up heater.



Accessories for high temperature applications

Easy control

With Daikin Altherma's user interface, the ideal temperature can be easily, quickly and conveniently regulated. It allows for more precise measurement and can regulate your comfort even more optimally and energy efficiently.

2 Domestic hot water tank

for low energy consumption

Daikin Altherma's high water temperature is ideal for heating domestic hot water without the need for an additional electric heater. Rapid heating of domestic hot water also means smaller heaters are needed. For a family of approximately 4 people, the standard tank is the best solution. Should you require more hot water, a larger tank is also available.

a - Indoor unit

b - Outdoor unit

c - Domestic hot water tank

Heat emitters

The Daikin Atherma high temperature system is designed to work only with high-temperature radiators, which come in various sizes and formats to suit the interior design as well as the heating requirement. Our radiators can be individually controlled or they can be regulated by the central heating control programme.

Solar connection

The Daikin Altherma high temperature heating system can optionally use solar energy for hot water production.

If the solar energy is not required immediately, the purpose-built hot water tank (EKHWP) can store large quantities of heated water for up to a day for later use as domestic hot water or for heating.

EKHBRD-AC / ER(R/S)Q-A Daikin Altherma high temperature split

EKHBRD-ACV1

ER(R-S)Q-A

INVERTER

- High temperature application: up to 80°C without electric heater
- Floor standing indoor unit up to 16kW
- Energy efficient heating only system based on air to water heat pump technology
- Easy replacement of existing boiler without changing heating pipes
- Combinable with high temperature radiators
- Low energy bills and low CO_2 emissions
- Outdoor unit extracts heat from the outdoor air, even at -20°C
- Inverter controlled scroll compressor

Heating only

Indoor unit					EKHBRD011ACV1	EKHBRD014ACV1	EKHBRD016ACV1	EKHBRD011ACY1	EKHBRD014ACY1	EKHBRD016ACY1
Casing	Colour				Metallic grey			Metallic grey		
	Material				Precoated sheet metal			Precoated sheet metal		
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695			705x600x695		
Weight	Unit			kg	144.25			147.25		
Operation range	Heating	Ambient	Min.~Max.	°C	-20~20			-20~20		
		Water side	Min.~Max.	°C	25~80			25~80		
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20~35			-20~35		
		Water side	Min.~Max.	°C	25~80			25~80		
Refrigerant	Type				R-134a			R-134a		
	Charge			kg	3.2			3.2		
Sound pressure level	Nom.			dBA	43 (5) / 46 (6)	45 (5) / 46 (6)	46 (5) / 46 (6)	43 (5) / 43 (6)	45 (5) / 45 (6)	46 (5) / 46 (6)
	Night quiet mode	Level 1		dBA	40	43	45	40	43	45
Power supply	Name				V1			Y1		
	Phase				1~			3~		
	Frequency			Hz	50			50		
	Voltage			V	220-240			380-415		
Current	Recommended fuses			A	25			16		

Outdoor unit with bottom plate heater					ERRQ011AV1	ERRQ014AV1	ERRQ016AV1	ERRQ011AY1	ERRQ014AY1	ERRQ016AY1
Outdoor unit without bottom plate heater					ERSQ011AV1	ERSQ014AV1	ERSQ016AV1	ERSQ011AY1	ERSQ014AY1	ERSQ016AY1
Heating capacity	Nom.			kW	11 (1) / 11 (2) / 11 (3)	14 (1) / 14 (2) / 14 (3)	16 (1) / 16 (2) / 16 (3)	11 (1) / 11 (2) / 11 (3)	14 (1) / 14 (2) / 14 (3)	16 (1) / 16 (2) / 16 (3)
Power input	Heating	Nom.		kW	3.57 (1) / 4.40 (2) / 2.61 (3)	4.66 (1) / 5.65 (2) / 3.55 (3)	5.57 (1) / 6.65 (2) / 4.31 (3)	3.57 (1) / 4.40 (2) / 2.61 (3)	4.66 (1) / 5.65 (2) / 3.55 (3)	5.57 (1) / 6.65 (2) / 4.31 (3)
COP					3.08 (1) / 2.50 (2) / 4.22 (3)	3.00 (1) / 2.48 (2) / 3.94 (3)	2.88 (1) / 2.41 (2) / 3.72 (3)	3.08 (1) / 2.50 (2) / 4.22 (3)	3.00 (1) / 2.48 (2) / 3.94 (3)	2.88 (1) / 2.41 (2) / 3.72 (3)
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320			1,345x900x320		
Weight	Unit			kg	120			120		
Operation range	Heating	Min.~Max.		°CWB	-20~20			-20~20		
	Domestic hot water	Min.~Max.		°CDB	-20~35			-20~35		
Refrigerant	Type				R-410A			R-410A		
	Charge			kg	4.5			4.5		
Sound power level	Heating	Nom.		dBA	68	69	71	68	69	71
Sound pressure level	Heating	Nom.		dBA	52	53	55	52	53	55
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V1/1~/50/220-440			Y1/3~/50/380-415		
Current	Recommended fuses			A	25			16		

1. EW 55°C; LW 65°C; Dt 10°C; ambient conditions: 7°CDB/6°CWB | 2. EW 70°C; LW 80°C; Dt 10°C; ambient conditions: 7°CDB/6°CWB | 3. EW 30°C; LW 35°C; Dt 5°C; ambient conditions: 7°CDB/6°CWB | 5. Sound levels are measured at: EW 55°C; LW 65°C; Dt 10°C; ambient conditions 7°CDB/6°CWB | 6. Sound levels are measured at: EW 70°C; LW 80°C; Dt 10°C; ambient conditions 7°CDB/6°CWB

EKHTS-AC

Domestic hot water tank

EKHTS200AC EKHTS260AC

- Stainless steel domestic hot water tank
- The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- Available in 200 and 260 liters
- Heat loss is reduced to a minimum thanks to the high quality insulation
- At necessary intervals, the indoor unit can heat up the water to 60°C to prevent the risk of bacteria growth
- Efficient temperature heat-up: from 10°C to 50°C in only 60 minutes

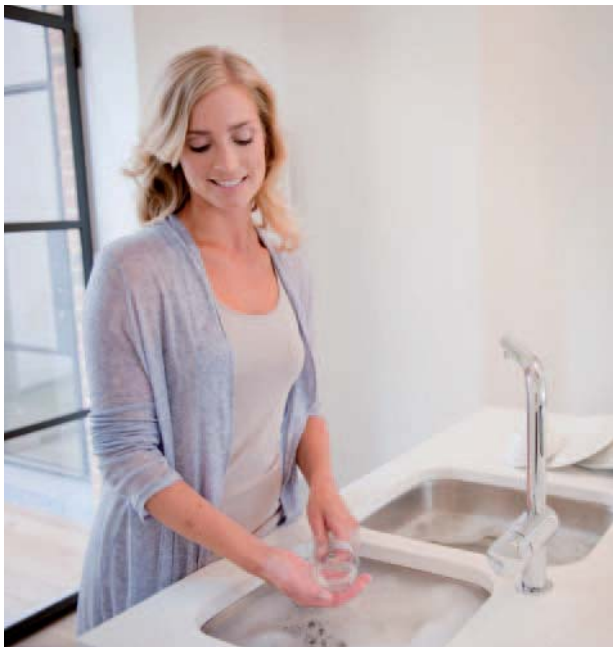
Domestic hot water tank				EKHTS200AC	EKHTS260AC
Casing	Colour			Metallic grey	
	Material			Galvanised steel (precoated sheet metal)	
Dimensions	Unit	HeightxIntegrated on indoor unitxWidthxDepth	mm	1,590x600x695	1,590x600x695
Weight	Unit	Empty	kg	70	78
Tank	Water volume		l	200	260
	Material			Stainless steel (EN 1.4521)	
	Maximum water temperature		°C	75	
Heat exchanger	Quantity			1	
	Tube material			Duplex steel (EN 1.4162)	
	Face area		m^2	1.56	
	Internal coil volume		l	7.5	

EKHWP-A

Domestic hot water tank

EKHWP300A EKHWP500A

- Tank designed for connection with thermal solar collectors
- Available in 300 and 500 liters
- Large hot water storage tank to provide domestic hot water at any time
- Heat loss is reduced to a minimum thanks to the high quality insulation
- Space heating support possible (500l tank only)



Domestic hot water tank				EKHWP300A	EKHWP500A
Casing	Colour			Dust grey (RAL7037)	
	Material			Impact resistant polypropylene	
Dimensions	Unit	HeightxWidthxDepth	mm	1,590x595x615	1,590x790x790
Weight	Unit	Empty	kg	59	92
Tank	Water volume		l	300	500
	Maximum water temperature		°C	85	
Heat exchanger	Domestic hot water	Tube material		Stainless steel (DIN 1.4404)	
		Face area	m^2	5.7	5.9
		Internal coil volume	l	27.8	28.4
		Operating pressure	bar	6	
		Average specifc thermal output	W/K	2,795	2,860
	Charging	Tube material		Stainless steel (DIN 1.4404)	
		Face area	m^2	2.5	3.7
		Internal coil volume	l	12.3	17.4
		Average specifc thermal output	W/K	1,235	1,809
	Auxiliary solar heating	Tube material		Stainless steel (DIN 1.4404)	
		Face area	m^2	-	1.0
		Internal coil volume	l	-	5
		Average specifc thermal output	W/K	-	313

EKS(V/H)-P

Solar collector

EKSH-P

EKSV-P

- Horizontal and vertical solar collector for domestic hot water production
- Solar panels can produce up to 70% of the energy needed for hot water production – a major cost saving
- High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- system for domestic hot water production
- Easy to install on roof tiles

Solar collector				EKSH26P	EKSV26P
Dimensions	Unit	HeightxWidthxDepth	mm	1,300x2,000x85	2,000x1,300x85
Weight	Unit		kg	43	
Volume			l	2.1	1.7
Surface	Outer		m^2	2.601	
	Aperture		m^2	2.364	
	Absorber		m^2	2.354	
Coating				Micro-therm (absorption max.96%, Emission ca. 5% +/-2%)	
Absorber				Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate	
Glazing				Single pane safety glass, transmission +/- 92%	
Allowed roof angle	Min.~Max.		°	15~80	
Operating pressure	Max.		bar	6	
Stand still temperature	Max.		°C	200	
Thermal performance	Zero loss collector efficiency η0		%	78.7	
	Heat loss coefficient a1		$W/m^2.K$	4.270	
	Temperature dependence of the heat loss coefficient a2		$W/m^2.K^2$	0.0070	
	Thermal capacity		kJ/K	6.5	
	Incident angle modifier	AM at 50°		0.94	
Installed position				Vertical	Horizontal

EKSRPS

Solar connection

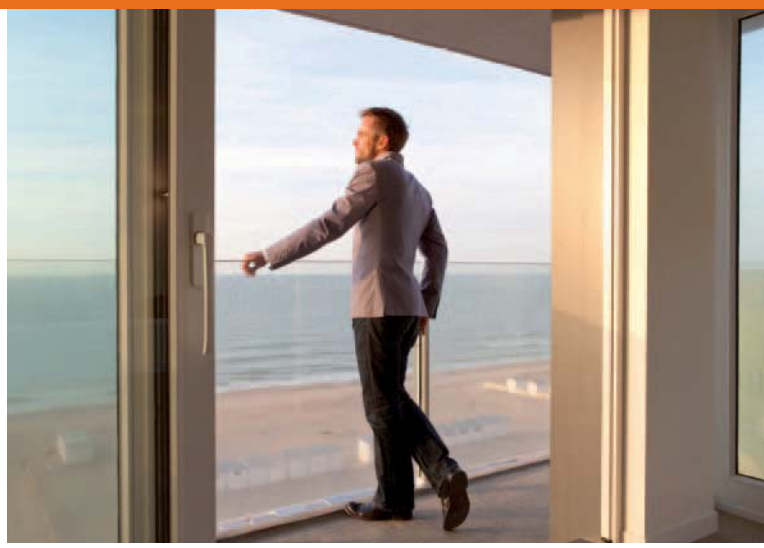
EKSRPS3

- Save energy and reduce CO_2 emissions with a solar system for domestic hot water production
- Pump station connectable to unpressurised solar system
- Pump station and control provide the transfer of solar heat to the domestic hot water tank

Pump station				EKSRPS3
Mounting				On side of tank
Dimensions	Unit	HeightxWidthxDepth	mm	815x230x142
Thermal performance	Zero loss collector efficiency η0		%	-
Control	Type			Digital temperature difference controller with plain text display
	Power consumption		W	2
Sensor	Solar panel temperature sensor			Pt1000
	Storage tank sensor			PTC
	Return flow sensor			PTC
	Feed temperature and flow sensor			Voltage signal (3.5V DC)
Power supply	Voltage		V	230

Daikin Altherma Flex Type

The Daikin Altherma range is a mix of intelligent solutions and advanced control technologies that provide the ultimate in controllable comfort for residential or commercial buildings while respecting the environment through reduced energy consumption.



3-in-1 system

Daikin Altherma Flex Type heats, cools, and produces domestic hot water:

- Heating: leaving water temperatures up to 80° C
- Cooling: leaving water temperatures down to 5° C
- Hot water: tank temperatures up to 75° C

Thanks to its heat recovery function, the system can heat up the hot water tank up to 60°C with rejected heat from cooling operation.

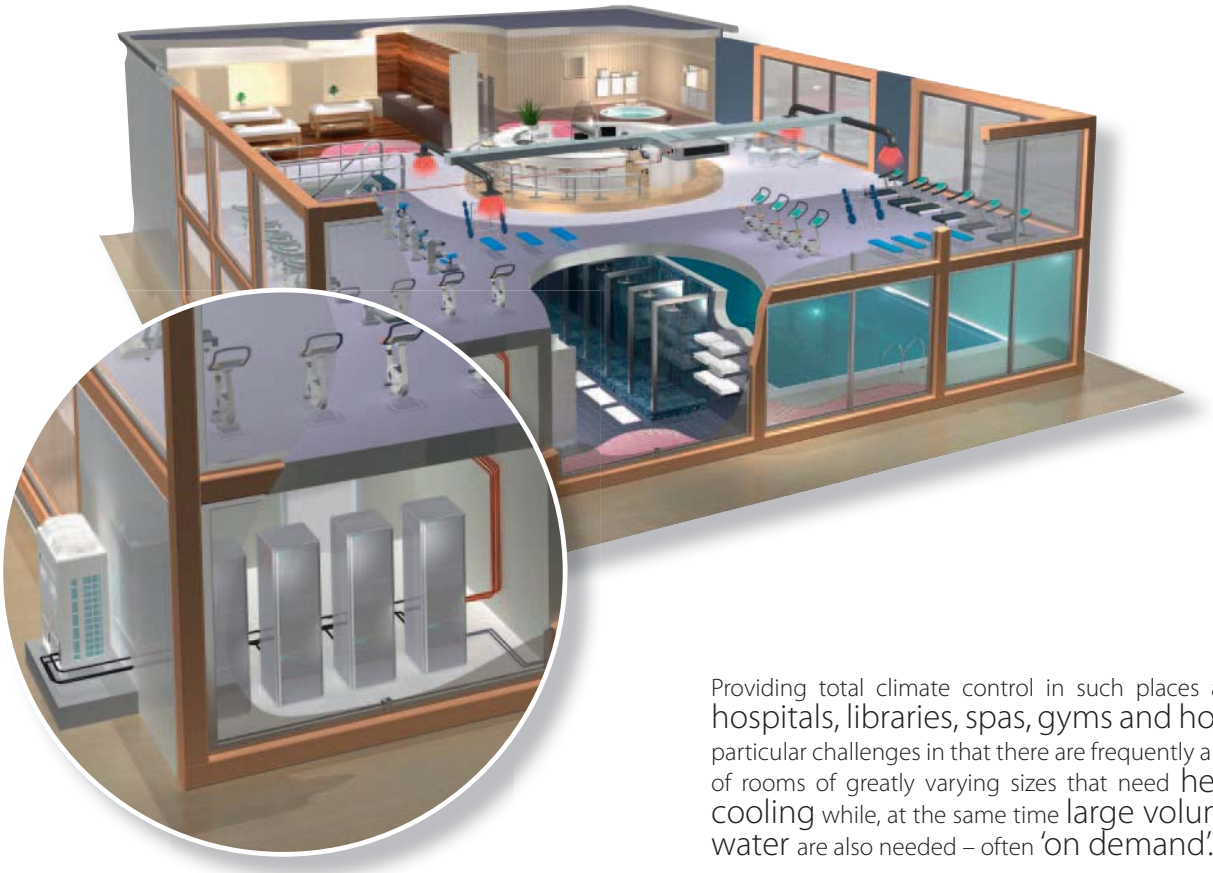
Concept description

One or more indoor and outdoor units

1
Heating

2
Cooling

3
Hot water



Providing total climate control in such places as schools, hospitals, libraries, spas, gyms and hotels presents particular challenges in that there are frequently a large number of rooms of greatly varying sizes that need heating and cooling while, at the same time large volumes of hot water are also needed – often 'on demand'.

The Daikin Altherma range is designed with these sorts of challenges in mind. Each outdoor unit can be linked to up to ten indoor units with each indoor unit being individually controlled to enable the perfect comfort temperature to be maintained at all times. In addition, by making integrated and optimal use of VRV, cascade and heat pump technologies, the system efficiently generates hot water in both heating and cooling modes.

EKHVM(R/Y)D-A Daikin Altherma Flex Type

EKHVM(R/Y)D-A / EKHBRD-AC

INVERTER

- High temperature application: up to 80°C without electric heater
- Floor standing indoor unit up to 16 kW
- Energy efficient heating and cooling system based on air to water heat pump technology
- Flexible configuration with respect to heat emitters
- Low energy bills and low CO_2 emissions
- Inverter controlled scroll compressor

6kW to 9kW

					Heating only		Heating & Cooling	
Indoor unit					EKHVMRD50A	EKHVMRD80A	EKHVMYD50A	EKHVMYD80A
Casing	Colour				Metallic grey		Metallic grey	
	Material				Precoated sheet metal		Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695		705x600x695	
Weight	Unit			kg	92		120	
Operation range	Heating	Ambient	Min.~Max.	°C	-15~20		-15~20	
		Water side	Min.~Max.	°C	25~80		25~80	
	Cooling	Ambient	Min.~Max.	°C	-		10~43	
		Water side	Min.~Max.	°C	-		5 ~20	
	Domestic hot water	Ambient	Min.~Max.	°CDB	-15~35		-15~35	
		Water side	Min.~Max.	°C	45~75		45~75	
Refrigerant	Type				R-134a		R-134a	
	Charge			kg	2		2	
Sound pressure level	Nom.			dBA	40 / 43	42 / 43	40 / 43	42 / 43
	Night quiet mode	Level 1		dBA	38		38	
Power supply	Name				V1		V1	
	Phase				1~		1~	
	Frequency			Hz	50		50	
	Voltage			V	220-240		220-240	
Current	Recommended fuses			A	20		20	

EKHBRD-ACV1/CY1

Heating only - 11kW to 16kW

Indoor unit					EKHBRD011ACV1	EKHBRD014ACV1	EKHBRD016ACV1	EKHBRD011ACY1	EKHBRD014ACY1	EKHBRD016ACY1
Casing	Colour				Metallic grey			Metallic grey		
	Material				Precoated sheet metal			Precoated sheet metal		
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695			705x600x695		
Weight	Unit			kg	144.25			147.25		
Operation range	Heating	Ambient	Min.~Max.	°C	-20 ~20			-20 ~20		
		Water side	Min.~Max.	°C	25~80			25~80		
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20~35			-20~35		
		Water side	Min.~Max.	°C	25~80			25~80		
Refrigerant	Type				R-134a			R-134a		
	Charge			kg	3.2			3.2		
Sound pressure level	Nom.			dBA	43 / 46	45 / 46	46 / 46	43 / 43	45 / 45	46 / 46
	Night quiet mode	Level 1		dBA	40	43	45	40	43	45
Power supply	Name				V1			Y1		
	Phase				1~			3~		
	Frequency			Hz	50			50		
	Voltage			V	220-240			380-415		
Current	Recommended fuses			A	25			16		

EMRQ14-16A

INVERTER

- The ultimate heating solution for residential and commercial applications based on air to water heat pump technology
- Customised to meet your building's needs: up to 10 indoor units can be connected to 1 outdoor unit
- Low energy bills and low CO_2 emissions
- Easy installation and maintenance
- Integrated heat recovery system

Heat recovery

Outdoor unit					EMRQ8A	EMRQ10A	EMRQ12A	EMRQ14A	EMRQ16A
Heating capacity	Nom.			kW	22.4 (1)	28 (1)	33.6 (1)	39.2 (1)	44.8 (1)
Cooling capacity	Nom.			kW	20 (2)	25 (2)	30 (2)	35 (2)	40 (2)
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x1,300x765				
Weight	Unit			kg	331			339	
Operation range	Heating	Min.~Max.		°CWB	-15~20				
	Domestic hot water	Ambient	Min.~Max.	°CDB	-15~35				
	Cooling	Min.~Max.		°CDB	10~43				
Refrigerant	Type				R-410A				
Piping connections	Liquid	OD		mm	9.52		12.7		
	Suction	OD		mm	19.1	22.2	28.6		
	High and low pressure gas	OD		mm	15.9	19.1		22.2	
	Piping length	OU - IU	Max.	m	100				
		System	Equivalent	m	120				
	Total piping length	System	Actual	m	300				
Sound power level	Heating	Nom.		dBA	78		80	83	84
Sound pressure level	Heating	Nom.		dBA	58		60	62	63
Power supply	Phase/Voltage			V	3~/380-415				

(1) Condition: Ta=7°CDB/6°CWB, 100% connection ratio (2) Condition: Ta=35°CDB, 100% connection ratio

EKHTS-AC

Domestic hot water tank

EKHTS200AC EKHTS260AC

- Stainless steel domestic hot water tank
- The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- Available in 200 and 260 liters
- Heat loss is reduced to a minimum thanks to the high quality insulation
- At necessary intervals, the indoor unit can heat up the water to 60°C to prevent the risk of bacteria growth
- Efficient temperature heat-up: from 10°C to 50°C in only 60 minutes

Domestic hot water tank				EKHTS200AC	EKHTS260AC
Casing	Colour			Metallic grey	
	Material			Galvanised steel (precoated sheet metal)	
Dimensions	Unit	HeightxIntegrated on indoor unitxWidthxDepth	mm	2,010x600x695	2,285x600x695
Weight	Unit	Empty	kg	70	78
Tank	Water volume		l	200	260
	Material			Stainless steel (EN 1.4521)	
	Maximum water temperature		°C	75	
Heat exchanger	Quantity			1	
	Tube material			Duplex steel (EN 1.4162)	
	Face area		m^2	1.56	
	Internal coil volume		l	7.5	

FWXV-A

Heat pump convector

FWXV-A

ARC452A15

- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Energy efficient heating and cooling system based on air source heat pump technology
- Optimum energy efficiency when connected to a Daikin Altherma low temperature system
- The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- Reduced running costs
- Ideal for installation beneath a window
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Can be installed against a wall or recessed
- Powerful mode can be selected for rapid cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air

Heating & Cooling

Indoor unit				FWXV15AVEB	FWXV20AVEB
Heating capacity	Total capacity	Nom.	kW	1.5	2.0
			Btu/h	5,100	6,800
Cooling capacity	Total capacity	Nom.	kW	1.2	1.7
	Sensible capacity	Nom.	kW	0.98	1.4
Power input	Heating	Nom.	kW	0.013	0.015
	Cooling	Nom.	kW	0.013	0.015
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210	
Weight	Unit		kg	15	
Piping connections	Drain/OD/Inlet/Outlet		mm/inch	18/G 1/2/G 1/2	
Sound pressure level	Heating	Nom.	dBA	19	29
	Cooling	Nom.	dBA	19	29
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	

(1) Cooling: indoor temp. 27°CDB, 19°CWB; entering water temp. 7°C, water temperature rise 5K. (2) Heating: room temperature 20°CDB and entering water temperature 45°C, water temperature drop 5K.

EKHVWQ-AV3 / EKHHS-A1V3 Domestic hot water heat pump

EKHVWQ-AV3 / EKHHS-A1V3

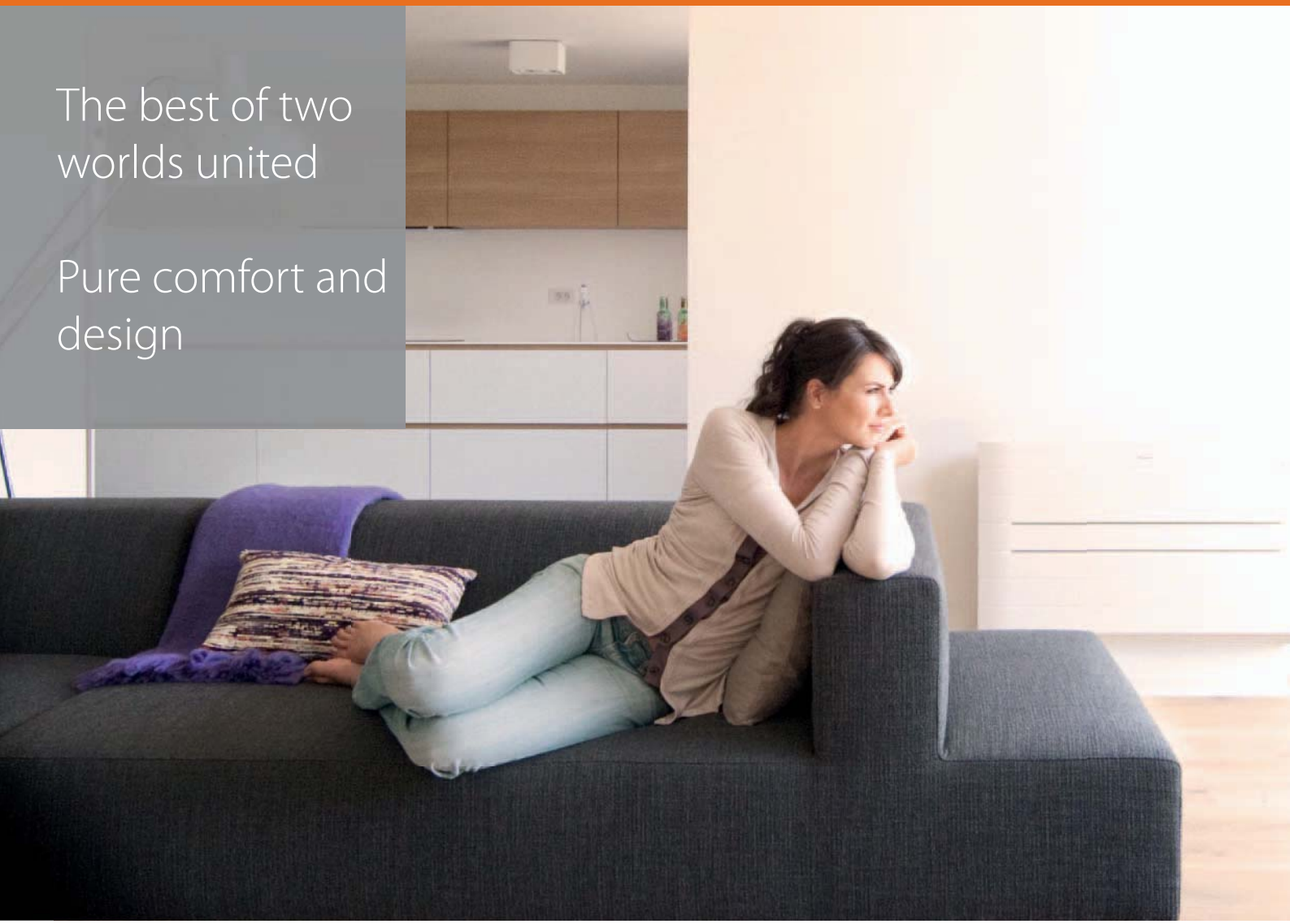
- The intelligent auto-adaptive function delivers cost savings by learning when hot water is needed and adapts the settings to ensure only that water is heated.
- Thanks to the inverter technology, an energy-saving fast heat-up time and accurate temperature control is delivered
- The domestic hot water tank is made of corrosion resistent stainless steel for high durability and low maintenance
- By using heat from the surrounding air, the domestic hot water heat pump reduces CO_2 emissions by up to 60%

Indoor unit					EKHVWQ002AAV3 / EKHHS200AA1V3	EKHVWQ002AAV3 / EKHHS260AA1V3
Heat up time	Max.			h	8 (7)	
COP					4.00 (1) / 3.26 (2) / 2.06 (3)	4.00 (1) / 3.26 (2) / 2.72 (3)
Equivalent hot water volume				l	200	260
Dimensions	Unit	Height	Integrated on	mm	1,940	
Heat pump	Name				EKHVWQ002AAV3	
	Heating capacity			kW	2.5 (4)	
	Casing	Colour			Metallic grey	
		Material			Galvanised steel (precoated sheetmetal)	
	Dimensions	Unit	Height	mm	730	
			Width	mm	600	
			Depth	mm	595	
	Operation range	Ambient	Min.	°CDB	2	
			Max.	°CDB	35	
	Sound pressure level	Nom.		dBA	47	
		Night quiet mode		dBA	43	
	Refrigerant	Type			R-410A	
		Charge		kg	0.540	
	Power supply	Name			V3	
		Phase			1P	
		Frequency		Hz	50	
		Voltage		V	230	
Tank	Name				EKHHS200AA1V3	EKHHS260AA1V3
	Operation range	Water side	Max.	°C	60 (5) / 75 (6)	60 (5) / 75 (6)
			Min.	°C	35 (5) / 35 (6)	35 (5) / 35 (6)
	Booster heater capacity	Nom.		kW	1.5	
	Casing	Colour			Metallic grey	
		Material			Galvanised steel (precoated sheetmetal)	
	Dimensions	Unit	Height	mm	1,235	1,510
			Width	mm	600	
			Depth	mm	695	
	Power supply	Name			V3	
		Phase			1P	
		Frequency		Hz	50	
		Voltage		V	230	

1. Heat up COP according to EN255-3, Tambient: 15°C (12°CWB) with heat pump only (15°C-50°C)
2. Heat up COP according to EN255-3, Tambient: 15°C (12°CWB) with heat pump only (15°C-60°C)
3. Tapping COP according to FprEN 16147, medium tapping pattern for the 200l; larger tapping pattern for the 260l
4. Average heating capacity from 15°C-60°C at ambient temperature: 15°CDB
5. Heat pump only
6. Heat pump + booster heater
7. Heat up time: the time required to heat up the domestic hot water tank from 15°C to 60°C with heat pump only at min. ambient temperature

The best of two worlds united

Pure comfort and design



COMFORT IS KEY

Nexura makes your world a comfortable one. The coolness of a summer breeze or the cosiness of an extra heat source brings a feeling of well-being to your living space all year round. Its unobtrusive yet stylish design with a front panel that radiates additional heat, its low noise level and reduced air flow turn your room into a haven.

FVXG-K / RXG-K

Floor standing unit with radiant heat panel

FVXG25,35,50K

RXG25,35K

ARC466A2

UNIQUE TECHNOLOGY

INVERTER

nexura

- Energy efficient units: full range A class energy labels
- The aluminium part of the front panel of the Nexura indoor unit has the capability of warming up, just like a traditional radiator, to add even more comfort on cold days
- The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- Comfortable vertical auto swing ensures draughtfree operation and prevents ceiling soiling
- Ideal for installation beneath a window
- Can be installed against a wall or recessed
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Night set mode saves energy by preventing overcooling or overheating during night time
- Indoor/outdoor unit silent operation: "silent" buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dBA each
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit					FVXG25K	FVXG35K	FVXG50K
Cooling capacity	Min./Nom./Max.			kW	1.3/2.5 /3.0	1.4/3.5 /3.8	1.7/5.0 /5.6
Heating capacity	Min./Nom./Max.			kW	1.3/3.4 /4.5	1.4/4.5 /5.0	1.7/5.8 /8.1
Power input	Cooling	Min./Nom./Max.		kW	0.300/0.550/0.790	0.310/0.950/1.150	0.450/1.520/2.000
	Heating	Min./Nom./Max.		kW	0.290/0.780/1.270	0.290/1.210/1.460	0.500/1.580/2.660
EER / COP					4.55 / 4.36	3.68 / 3.72	3.29 / 3.67
SEER*					To be confirmed		
Annual energy consumption				kWh	275	475	760
Energy label	Cooling/Heating				A/A		
Casing	Colour				Fresh white (6.5Y 9.5/0.5)		
Dimensions	Unit	HeightxWidthxDepth		mm	600x950x215		
Weight	Unit			kg	22		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5	10.6/8.9/7.3/6.0
	Heating	High/Nom./Low/Silent operation		m^3/min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0	12.2/10.0/7.8/6.8
Sound power level	Cooling	Nom.		dBA	54	55	56
	Heating	Nom.		dBA	55	56	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/ Silent operation/Radiant heat		dBA	39/32/26/22/19	40/33/27/23/19	46/40/34/30/20
Refrigerant	Type				R-410A		
Piping connections	Liquid/Gas/Drain	OD		mm	6.35 / 9.5 / 18		6.35 / 12.7 / 18
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit					RXG25K	RXG35K	RXG50K
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300
Weight	Unit			kg	34		48
Fan - Air flow rate	Cooling	High/Super low		m^3/min	33.5/30.1	36.0/30.1	50.9/48.9
	Heating	High/Super low		m^3/min	28.3/25.6		45/43.1
Sound power level	Cooling	Nom./High		dBA	-/61	-/63	
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44	
	Heating	High/Silent operation		dBA	47/44	48/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~20		
Refrigerant	Type				R-410A		
Piping connections	Level difference	IU - OU	Max.	m	15		20
	Total piping length	System	Actual	m	-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

*prEN14825 (inquiry version 2010)

FTXG-J / RXLG-K

Wall mounted unit
Designed for colder climates

FTXG25,35,50J

RXLG25,35K

ARC466A1

DAIKIN
emura

INVERTER

product design award 2010

GOOD DESIGN

reddot design award honourable mention 2010

Designpreis Deutschland 2011 NOMINEE

- Optimised heating solution for your home
- Extended operation range for heating down to -20°C
- Energy efficient units: full range A class energy labels
- Remarkable blend of iconic design and engineering excellence with an elegant finish in brushed aluminium or matt crystal white
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Movement sensor saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.
- Indoor/outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor/outdoor unit by 3dBA
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Night set mode saves energy by preventing overcooling or overheating during night time
- The infrared remote control is user friendly and equipped with a timer function that enables you to programme the unit to start or stop at your desired time.
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FTXG25JW	FTXG35JW	*FTXG25JA	*FTXG35JA
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5/3.0	1.4/3.5/3.8	1.3/2.5 (3)/3.0	1.4/3.5 (3)/3.8
Heating capacity	Min./Nom./Max.		kW	1.3/3.4/4.5	1.4/4.5/5.0	1.3/3.4 (4)/4.5	1.4/4.5 (4)/5.0
Power input	Cooling	Min./Nom./Max.	kW	0.56	0.89	0.56	0.89
	Heating	Min./Nom./Max.	kW	0.78	1.11	0.78	1.11
EER / COP				4.46/4.36	3.93/4.04	4.46/4.36	3.93/4.04
Annual energy consumption			kWh	280	445	280	445
Energy label	Cooling/Heating			A/A		A/A	
Casing	Colour			Matt crystal white		Brushed aluminium	
Dimensions	Unit	HeightxWidthxDepth	mm	295x915x155		295x915x155	
Weight	Unit		kg	11		11	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9
	Heating	High/Nom./Low/Silent operation	m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6
Sound power level	Cooling	High	dBA	54	58	54	58
	Heating	High	dBA	55	58	55	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	42/34/26/23	38/32/25/22	42/34/26/23
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	42/36/29/26	39/34/28/25	42/36/29/26
Refrigerant	Type			R-410A		R-410A	
Piping connections	Liquid/Gas	OD	mm	6.35/9.5		6.35/9.5	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-240	

Outdoor unit				RXLG25K	RXLG35K	RXLG25K	RXLG35K
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		550x765x285	
Weight	Unit		kg	34		34	
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33.5/30.1	36.0/30.1	33.5/30.1	36.0/30.1
	Heating	High/Super low	m^3/min	28.3/25.6	30.2/25.6	28.3/25.6	30.2/25.6
Sound power level	Cooling	Nom./High	dBA	-/61	-/63	-/61	-/63
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44	46/43	48/44
	Heating	High/Silent operation	dBA	47/44	48/45	47/44	48/45
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46		-10~46	
	Heating	Ambient Min.~Max.	°CWB	-20~20		-20~20	
Refrigerant	Type			R-410A		R-410A	
Piping connections	Level difference	IU - OU Max.	m	15		15	
	Total piping length	System Actual	m	-		-	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-230-240		1~ / 50 / 220-230-240	

*Note: grey cells contain preliminary data

FVXG-K / RXLG-K

Floor standing unit with radiant heat panel
Designed for colder climates

FVXG25,35K


RXLG25,35K


ARC466A2

UNIQUE TECHNOLOGY

INVERTER

nexura

- Optimised heating solution for your home
- Extended operation range for heating down to -20°C
- Energy efficient units: full range A class energy labels
- The aluminium part of the front panel of the Nexura indoor unit has the capability of warming up, just like a traditional radiator, to add even more comfort on cold days
- Ideal for installation beneath a window
- Can be installed against a wall or recessed
- Comfortable vertical auto swing ensures draughtfree operation and prevents ceiling soiling
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Night set mode saves energy by preventing overcooling or overheating during night time
- The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- Indoor/outdoor unit silent operation: "silent" buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dBA each
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FVXG25K	FVXG35K
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5 /3.0	1.4/3.5 /3.8
Heating capacity	Min./Nom./Max.		kW	1.3/3.4 /4.5	1.4/4.5 /5.0
Power input	Cooling	Nom.	kW	0.55	0.95
	Heating	Nom.	kW	0.78	1.21
EER / COP				4.55 / 4.36	3.68 / 3.72
Annual energy consumption			kWh	275	476
Energy label	Cooling/Heating			A/A	
Casing	Colour			Fresh white (6.5Y 9.5/0.5)	
Dimensions	Unit	HeightxWidthxDepth	mm	600x950x215	
Weight	Unit		kg	22	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5
	Heating	High/Nom./Low/Silent operation	m^3/min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0
Sound power level	Cooling	Nom.	dBA	54	55
	Heating	Nom.	dBA	55	56
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24
	Heating	High/Nom./Low/Silent operation	dBA	39/32/26/22	40/33/27/23
Refrigerant	Type			R-410A	
Piping connections	Liquid / Gas	OD	mm	6.35 / 9.5	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240	

Outdoor unit				RXLG25K	RXLG35K
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	
Weight	Unit		kg	34	
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33.5/30.1	36.0/30.1
	Heating	High/Super low	m^3/min	28.3/25.6	30.2/25.6
Sound power level	Cooling	Nom./High	dBA	-/61	-/63
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44
	Heating	High/Silent operation	dBA	47/44	48/45
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46	
	Heating	Ambient Min.~Max.	°CWB	-20~20	
Refrigerant	Type			R-410A	
Piping connections	Level difference	IU-OU Max.	m	15	
	Total piping length	System Actual	m	-	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-230-240	

FTXS-J / RXL-J

Wall mounted unit
Designed for colder climates

FTXS20,25,35J

RXL20,25,35J

ARC452A3

INVERTER

- Optimised heating solution for your home
- Extended operation range down to -20°C in heating
- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if two people are detected in the room, the air flow is projected away from the occupants; if no people are detected, the unit will automatically switch over to the energy-efficient setting
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode
- Night set mode saves energy by preventing overcooling or overheating during night time
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit					FTXS20J	FTXS25J	FTXS35J
Cooling capacity	Min./Nom./Max.			kW	1.3/2.0 /2.8	1.3/2.5 /3.2	1.4/3.5 /4.0
Heating capacity	Min./Nom./Max.			kW	1.3/2.7 /4.3	1.3/3.3 /4.7	1.4/4.0 /5.2
Power input	Cooling	Nom.		kW	0.45	0.54	0.86
	Heating	Nom.		kW	0.61	0.71	0.95
EER / COP					4.44 / 4.43	4.67 / 4.65	4.07 / 4.21
Annual energy consumption				kWh	225	268	430
Energy label	Cooling/Heating				A/A		
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	295x800x215		
Weight	Unit			kg	9		10
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	9.4/7.4/5.5/4.1	10.8/7.9/5.2/3.7	11.4/8.7/5.8/4.4
	Heating	High/Nom./Low/Silent operation		m^3/min	9.9/8.2/6.6/6.2	11.9/9.1/6.4/5.9	12.4/9.5/6.8/6.0
Sound power level	Cooling	Nom.		dBA	54	57	61
	Heating	Nom.		dBA	54	58	61
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/25/22	41/33/25/22	45/37/29/23
	Heating	High/Nom./Low/Silent operation		dBA	38/33/28/25	42/35/28/25	45/39/29/26
Refrigerant	Type				R-410A		
Piping connections	Liquid/Gas	OD		mm	6.35 / 9.5		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit					RXL20J	RXL25J	RXL35J
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		
Weight	Unit			kg	32	34	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	36.2/32.7	33.5/30.1	36.0/30.1
	Heating	High/Super low		m^3/min	30.6/28.5	28.3/25.6	
Sound power level	Cooling	Nom./High		dBA	-/61		-/63
Sound pressure level	Cooling	High/Silent operation		dBA	46/43		48/44
	Heating	High/Silent operation		dBA	47/44		48/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-20~20		
Refrigerant	Type				R-410A		
Piping connections	Level difference	IU-OU	Max.	m	15		
	Total piping length	System	Actual	m	-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-230-240		

FVXS-F / RXL-J

Floor standing unit
Designed for colder climates

FVXS25,35F


RXL25,35J


ARC452A1

INVERTER

- Optimised heating solution for your home
- Extended operation range down to -20°C in heating
- Ideal for installation beneath a window
- Can be installed against a wall or recessed
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode
- Whisper quiet operation: down to 23dBA sound pressure level
- Indoor/outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor/outdoor unit by 3dBA
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FVXS25F	FVXS35F
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5 /3.0	1.4/3.5 /3.8
Heating capacity	Min./Nom./Max.		kW	1.3/3.4 /4.5	1.4/4.5 /5.0
Power input	Cooling	Nom.	kW	0.57	0.81
	Heating	Nom.	kW	0.99	1.22
EER / COP				4.39 / 3.43	4.30 / 3.69
Annual energy consumption			kWh	285	407
Energy label	Cooling/Heating			A/B	A/A
Casing	Colour			White	
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210	
Weight	Unit		kg	14	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5
	Heating	High/Nom./Low/Silent operation	m^3/min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7
Sound power level	Cooling	High.	dBA	54	55
	Heating	High.	dBA	54	55
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24
	Heating	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24
Refrigerant	Type			R-410A	
Piping connections	Liquid/Gas	OD	mm	6.35 / 9.5	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240	

Outdoor unit					RXL25J	RXL35J
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	
Weight	Unit			kg	34	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	33.5/30.1	36.0/30.1
	Heating	High/Super low		m^3/min	28.3/25.6	
Sound power level	Cooling	Nom./High		dBA	-/61	-/63
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44
	Heating	High/Silent operation		dBA	47/44	48/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-20~20	
Refrigerant	Type				R-410A	
Piping connections	Level difference	IU-OU	Max.	m	15	
	Total piping length	System	Actual	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-230-240	

RXHQ44-46-48P

- Energy efficient heating system based on air source heat pump technology
- Low energy consumption and low CO_2 emmisions
- The ability to control each conditioned zone individually keeps VRV® system running costs to an absolute minimum
- Temperature control, fresh air provision and Biddle air curtains all integrated in a single system
- Perfect comfort: faster response than traditional heating systems and a constant indoor temperature
- Wide range of indoor units: 14 different models
- Easy management of the yearly energy cost thanks to a wide range of control possibilities
- Spread your installation cost by phased installation
- No need for fuel storage tanks or pumps
- Wide outdoor unit range: from 25 to 170 kW
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Easy compliance with F-gas regulation thanks to automated refrigerant containment check
- Compact size leaves maximum floorspace
- Fits any building with either outdoor or indoor installation possible (high external static pressure up to 78.4Pa)
- 2 steps in night quiet mode: step 1: 50 dBA, step 2: 45 dBA
- Wide piping flexibility: maximum piping length: 165m, total piping length: 1,000m

Heating only

Outdoor unit					RXHQ8P9	RXHQ10P9	RXHQ12P9	RXHQ14P9	RXHQ16P9	RXHQ18P9
System	Outdoor unit module 1				RXHQ8P	RXHQ10P	RXHQ12P	RXHQ14P	RXHQ16P	RXHQ18P
Capacity range				HP	8	10	12	14	16	18
Heating capacity	Nom.			kW	25.0	31.5	37.5	45.0	50.0	56.5
Power input - 50Hz	Heating	Nom.		kW	5.56	7.70	9.44	11.30	12.90	15.30
COP					4.50	4.09	3.97	3.98	3.88	3.69
Maximum number of connectable indoor units					17	21	26	30	34	39
Indoor index connection	Min.				100	125	150	175	200	225
	Nom.				200	250	300	350	400	450
	Max.				260	325	390	455	520	585
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765			1,680x1,240x765		
Weight	Unit			kg	187	240		316		324
Sound pressure level	Heating	Nom.		dBA	61		64			67
Operation range	Heating	Min.~Max.		°CWB	-20.0~15.0					
Refrigerant	Type				R-410A					
Piping connections	Liquid	OD		mm	9.52		12.7			15.9
	Gas	OD		mm	19.1	22.2	28.6			
	Piping length	OU - IU	Max.	m	165					
	Total piping length	System	Actual	m	1,000					
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)					
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400					
Current - 50Hz	Maximum fuse amps (MFA)			A	25			40		

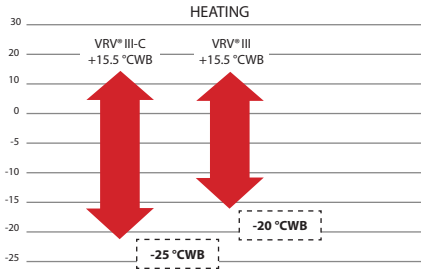
Outdoor unit					RXHQ20P9	RXHQ22P9	RXHQ24P9	RXHQ26P9	RXHQ28P9	RXHQ30P9	RXHQ32P9	RXHQ34P9	RXHQ36P9
System	Outdoor unit module 1				RXHQ8P	RXHQ10P	RXHQ12P	RXHQ8P	RXHQ10P	RXHQ12P	RXHQ14P	RXHQ16P	RXHQ18P
	Outdoor unit module 2				RXHQ12P			RXHQ18P					
Capacity range				HP	20	22	24	26	28	30	32	34	36
Heating capacity	Nom.			kW	62.50	69.00	75.00	81.50	88.00	94.00	102.00	107.00	113.00
Power input - 50Hz	Heating	Nom.		kW	14.95	17.08	18.89	20.69	22.98	24.67	26.63	28.23	30.62
COP					4.18	4.04	3.97	3.94	3.83	3.81	3.83	3.79	3.69
Maximum number of connectable indoor units					43	47	52	56	60	64			
Indoor index connection	Min.				250	275	300	325	350	375	400	425	450
	Nom.				500	550	600	650	700	750	800	850	900
	Max.				650	715	780	845	910	975	1,040	1,105	1,170
Sound pressure level	Heating	Nom.		dBA	66		67	68		69			70
Piping connections	Liquid	OD		mm	15.9			19.1					
	Gas	OD		mm	28.6		34.9						41.3
	Piping length	OU - IU	Max.	m	165								
	Total piping length	System	Actual	m	1,000								
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)								
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400								
Current - 50Hz	Maximum fuse amps (MFA)			A	50			63			80		

Outdoor unit					RXHQ38P9	RXHQ40P9	RXHQ42P9	RXHQ44P9	RXHQ46P9	RXHQ48P9	RXHQ50P9	RXHQ52P9	RXHQ54P9
System	Outdoor unit module 1				RXHQ8P	RXHQ10P	RXHQ12P	RXHQ8P	RXHQ10P	RXHQ12P	RXHQ14P	RXHQ16P	RXHQ18P
	Outdoor unit module 2				RXHQ12P			RXHQ18P					
Capacity range				HP	38	40	42	44	46	48	50	52	54
Heating capacity	Nom.			kW	119.00	126.00	132.00	138.00	145.00	151.00	158.00	163.00	170.00
Power input - 50Hz	Heating	Nom.		kW	30.13	32.39	34.20	35.94	38.26	39.95	41.91	43.47	45.95
COP					3.95	3.89	3.86	3.84	3.79	3.78	3.77	3.75	3.70
Maximum number of connectable indoor units					64								
Indoor index connection	Min.				475	500	525	550	575	600	625	650	675
	Nom.				950	1,000	1,050	1,100	1,150	1,200	1,250	1,300	1,350
	Max.				1,235	1,300	1,365	1,430	1,495	1,560	1,625	1,690	1,755
Sound pressure level	Heating	Nom.		dBA	69		70	71					72
Piping connections	Liquid	OD		mm	19.1								
	Gas	OD		mm	41.3								
	Piping length	OU - IU	Max.	m	165								
	Total piping length	System	Actual	m	1,000								
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)								
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400								
Current - 50Hz	Maximum fuse amps (MFA)			A	100						125		

RTSYQ14-16P

VRV III-C INVERTER

- First system in the industry developed for heating operation in low ambient conditions, making it suitable for single source heating
- Extended operation range down to -25°C in heating



- High COP values at low ambients thanks using the two stage compression technology (COP values of 3.0 and more at -10°C)
- Improved comfort thanks to shorter defrost time
- Shorter heat up time compared to standard VRV®III heat pump
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Connectable to all VRV® indoor units, ventilation and control systems

Heating & Cooling

Outdoor system					RTSYQ10P	RTSYQ14P	RTSYQ16P	RTSYQ20P
System	Outdoor unit module 1				RTSQ10PY1	RTSQ14PY1	RTSQ16PY1	RTSQ8PY1
	Outdoor unit module 2				-			RTSQ12PY1
	Function unit				BTSQ20PY1			
Capacity range				HP	10	14	16	20
Cooling capacity	Nom.			kW	28.0 (1)	40.0 (1)	45.0 (1)	55.9 (1)
Heating capacity	Nom.			kW	31.50 (2) / 28.0 (3)	45.0 (2) / 40.0 (3)	50.0 (2) / 45.0 (3)	62.5 (2) / 56.0 (3)
Power input - 50Hz	Cooling	Nom.		kW	7.90	12.6	14.9	15.4
	Heating	Nom.		kW	7.70	11.3	12.9	15.3
EER					3.54	3.17	3.02	3.63
COP					4.09	3.98	3.88	4.01
Maximum number of connectable indoor units					21	30	34	43
Sound pressure level	Cooling	Max./Nom.		dBA	62/60	63/61	65/63	
Piping connections	Liquid	OD		mm	9.52	12.7		15.9
	Gas	OD		mm	22.2	28.6		
	Oil equalizing	OD		mm	-			19.1
	Piping length	OU - IU	Max.	m	165			
	Total piping length	System	Actual	m	500			
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)			
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	25	35	40	50

(1) Cooling: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units (2) Heating: Indoor temp. 20°CDB; outdoor temp. 7°CDB,6°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units (3) Heating: Indoor temp. 20°CDB; outdoor temp. -10°CWB; equivalent piping length: 7.5m; level difference 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units

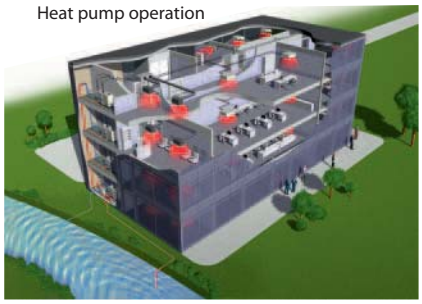
Outdoor unit module				RTSQ8P	RTSQ12P	RTSQ14P	RTSQ16P	RTSQ20P	BTSQ10P
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x930x765		1,680x930x765		1,570x460x765	1,680x930x765
Weight	Unit		kg	205	257	338	344	110	257
Operation range	Cooling	Min.~Max.	°CDB	-5 ~ 46					
	Heating	Min.~Max.	°CWB	-25 ~ 15.5					
Refrigerant	Type			R-410A					
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)		A	25		35	40	20	25

RWEYQ10PR

VRV-WIII INVERTER

- Reduced CO_2 emmisions thanks to the use of geothermal energy as a renewable energy source
- No need for an external heating or cooling source
- Extended operation range (inlet water temperature) down to -10°C in heating
- High heating efficiency at low water entering temperatures (eg. 3.44 COP at -10°C entering water temperature for an 8HP unit)
- Suitable for multi-storey and large buildings because of the hardly unlimited possibilities of water piping
- Simultaneous cooling and heating operation from one system
- 'High sensible mode': allows the VRV® system to work with increased sensible capacity in cooling mode, resulting in higher efficiency and improved comfort
- 2-stage heat recovery: first stage between indoor units, second stage between outdoor units thanks to the storage of energy in the water circuit
- Heat recovery systems offer the highest comfort, including individual change-over of each BS box without disruption of other BS boxes
- Wide range of indoor units: 14 different models
- Compact design (stacked configuration possible)
- Connectable to current Daikin control systems: DS-net, Intelligent Touch Controller, Intelligent Manager, BACnet Gateway, DMS-iF

Heat pump operation



Heat recovery Heating & Cooling

Outdoor unit					RWEYQ8PR	RWEYQ10PR
System	Outdoor unit module 1				RWEYQ8PY1R	RWEYQ10PY1R
Capacity range				HP	8	10
Cooling capacity	Nom.			kW	22.4	26.1
Heating capacity	Nom.			kW	25.0	31.5
Power input - 50Hz	Cooling	Nom.		kW	4.58	6.30
	Heating	Nom.		kW	4.30	6.20
EER					4.89	4.14
COP					5.81	5.08
Maximum number of connectable indoor units					17	21
Dimensions	Unit	HeightxWidthxDepth		mm	1,000x780x550	
Weight	Unit			kg	149	150
Sound power level	Cooling	Nom.		dBA	-	
Sound pressure level	Cooling	Nom.		dBA	50	51
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	10~45	
		Heating	Min.~Max.	°CWB	10~45	
Refrigerant	Type				R-410A	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	19.1 (1)	22.2 (1)
	Discharge gas	OD		mm	15.9 (2) / 19.1 (3)	19.1 (2) / 22.2 (3)
	Water	Inlet/Outlet			PT1 1/4B internal thread/PT1 1/4B internal thread	
	Piping length	OU - IU	Max.	m	120	
	Total piping length	System	Actual	m	300	
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)	
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	25	

(1) In case of heat pump system, gas pipe is not used | (2) In case of heat recovery system | (3) In case of heat pump system

With air conditioning, you treat the air in a room to obtain an ideal temperature, purity, ventilation and humidity. Air conditioning does much more than just cool the space you live and work in. Enjoy perfect Daikin comfort all year round.

AIR CONDITIONING

RESIDENTIAL APPLICATIONS

For more information on Options & Control Systems, please refer to page 328 of this catalogue.

Benefits overview - Split

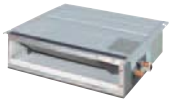
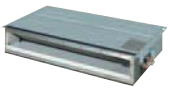
		We care icons									Comfort							
			INVERTER															
Wall mounted unit	**FTXR-E**	✓	✓						✓		✓	✓	✓	✓		✓	✓	
	FTXG-J 	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓		✓		RXG-K
	CTXU-G		✓	✓	✓				✓	✓	✓	✓	✓	✓		✓		MXU-G
	FTXS-K 	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓		✓		
	CTXS-K 	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓		✓		
	FTXS-J	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		✓		RXS-J
	FTXS-G		✓	✓	✓				✓	✓	✓	✓	✓			✓		RXS-G
	FTX-JV 	✓	✓	✓			✓		✓	✓	✓	✓	✓	✓		✓		
	FTX-GV		✓			✓	✓	✓	✓	✓		✓	✓			✓		RX-GV

☐ Preliminary info

For explanation on the benefits, see flap in the backcover of this catalogue.

Air flow					Humidity control			Air treatment				Remote control & timer						Other funtions			
3-D			AUTO		HUMIDIFY	DRY	DRY	STREAMER				Online controller	24/7	24				AUTO			
✓	✓	✓	✓	5	✓	✓		✓	✓			✓			✓		✓	✓	✓		
	✓		✓	5			✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	5	✓		✓		✓				✓	✓	✓		✓	✓	✓	✓	
		✓	✓	5			✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	5			✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	5			✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	5			✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓		✓	5			✓		✓			✓		✓	✓	✓		✓	✓		
✓	✓	✓	✓	5			✓		✓			✓		✓	✓	✓	✓	✓	✓		

Benefits overview - Split

		We care icons									Comfort							
			INVERTER															
Floor standing unit	**FVXG-K** 	✓	✓	✓					✓	✓		✓	✓	✓	✓	✓		RXG-K
	FVXS-F 	✓	✓	✓					✓	✓		✓	✓	✓		✓		RXS-K
Concealed ceiling unit	**FDXS-E** 		✓					✓	✓	✓		✓	✓	✓		✓		RXS-K/J
	FDXS-C 		✓					✓	✓	✓		✓	✓	✓		✓		RXS-J/F
	FDBQ-B 									✓			✓	✓				
Flexi type unit	**FLXS-B** 		✓					✓	✓	✓		✓	✓	✓		✓		RXS-K

For explanation on the benefits, see flap in the backcover of this catalogue.

Air flow					Humidity control			Air treatment				Remote control & timer						Other funtions			
3-D			AUTO		HUMIDIFY	DRY	DRY	STREAMER				Online controller	24/7	24				AUTO			
	✓		✓	✓			✓		✓			✓	✓		✓	✓	✓	✓	✓	✓	✓
	✓		✓	5			✓		✓			✓	✓		✓		✓	✓	✓	✓	✓
			✓	5			✓				✓	✓		✓	✓		✓	✓	✓	✓	✓
			✓	5			✓				✓	✓		✓	✓		✓	✓	✓	✓	✓
				2			✓				✓		✓			✓		✓	✓	✓	✓
	✓		✓	5			✓			✓		✓		✓	✓		✓	✓	✓	✓	✓

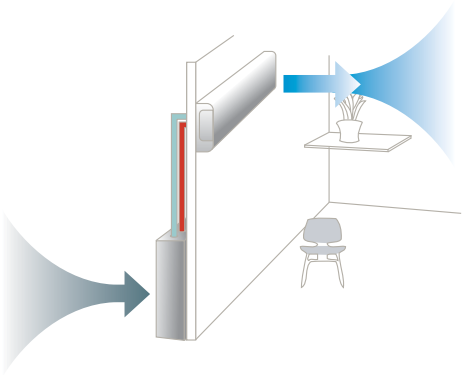
Ururu Sarara®

A UNIQUE COMBINATION OF HUMIDIFICATION, DEHUMIDIFICATION, VENTILATION AND AIR PURIFICATION

Good temperature control is not all that is needed for a comfortable indoor climate. Precision control of humidity and ventilation of the room is essential. Thanks to the Ururu Sarara®, you can humidify, dehumidify, ventilate and purify. The unit is fitted with filters that also filter dust, pollen and smoke. You can also adjust the air purification to meet your specific needs. Thanks to the ventilation system, contaminated indoor air in a space is replaced with fresh outdoor air.

flash streamer ONLY BY DAIKIN

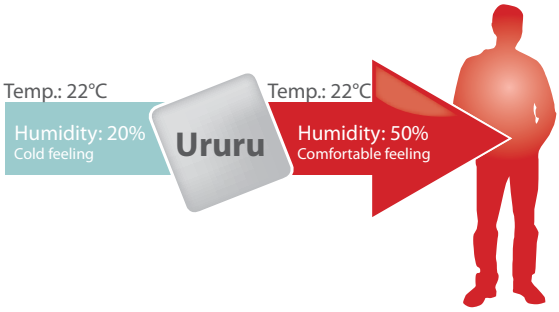
Good Design Award



VENTILATION & HUMIDITY CONTROL - HEATING & COOLING

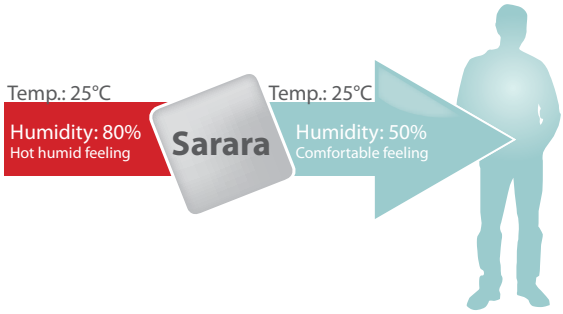
URURU HUMIDIFICATION: PLEASANT, EVEN DURING HEATING

The Ururu humidification system absorbs moisture from the outdoor air and transports it to the indoor unit, quickly and efficiently humidifying the room. Thanks to the perfect combination of humidification and air conditioning, your room heats evenly.



SARARA DEHUMIDIFICATION: FEEL THE DIFFERENCE!

When humidity is too high, the Sarara dehumidication system ensures that it is lowered without changing the room temperature. That is ideal for you, because lower humidity means you feel more comfortable.



- The ideal humidity
- Comfortable air flow
- Powerful air purification
- Stylish design (good design award)
- Energy saving and high efficiency: one unit of energy is converted into more than five units of energy for cooling or heating

FTXR-E / RXR-E Wall mounted unit

FTXR28,42,50E

RXR28,42,50E

ARC447A

Ururu Sarara INVERTER

- Energy efficient units: full range A class energy labels (5.00 EER; 5.14 COP)
- URURU humidification: maintains a comfortable humidity level without any separate water supply
- SARARA dehumidification: maintains a comfortable and fresh indoor environment by removing moisture from the air without lowering the temperature
- Powerful ventilation refreshes the room within 2 hours
- Powerful air purification increases indoor air quality with Daikin Flash Streamer technology
- Good design award: unique evaluation criterion for industrial design in Japan
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Whisper quiet operation: down to 23dBA sound pressure level
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Titanium apatite photocatalytic air purification filter absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces
- Other features: moisturizing operation mode, breeze cooling air flow, comfort sleep operation, mould shock operation
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

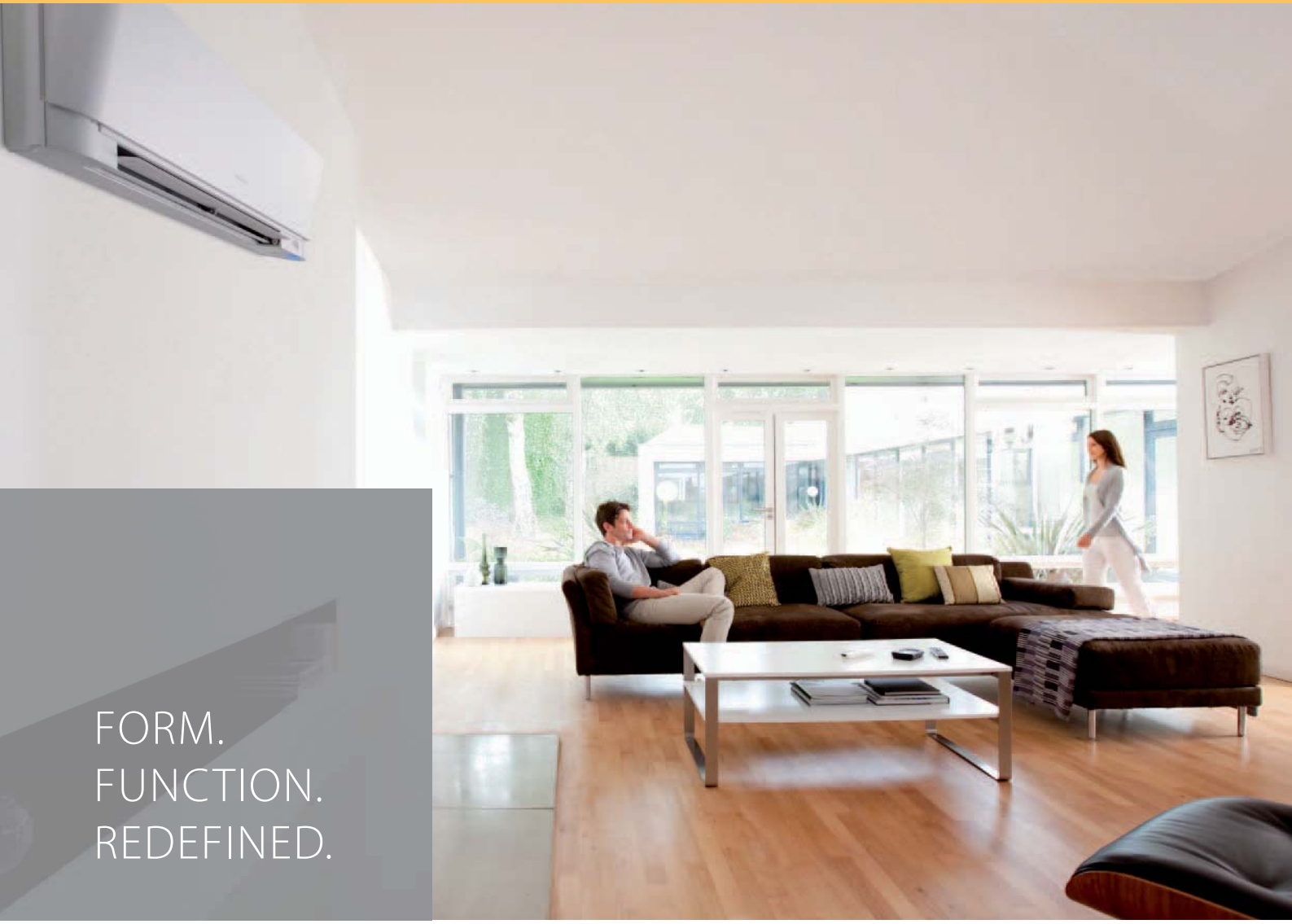
Heating & Cooling

Indoor units					FTXR28E	FTXR42E	FTXR50E
Cooling capacity	Min./Nom./Max.			kW	1.55/2.8/3.6	1.55/4.2/4.60	1.55/5.0/5.50
Heating capacity	Min./Nom./Max.			kW	1.30/3.6/5.00	1.30/5.1/5.6	1.30/6.0/6.20
Power input	Cooling	Min./Nom./Max.		kW	0.250/0.560/0.800	0.260/1.050/1.320	0.26/1.46/1.8
	Heating	Min./Nom./Max.		kW	0.220/0.700/1.410	0.220/1.180/1.600	0.23/1.51/1.77
EER / COP					5.00 / 5.14	4.00 / 4.32	3.42 / 3.97
SEER*					To be confirmed		
Annual energy consumption				kWh	280	525	730
Energy label	Cooling/Heating				A/A		
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	305x890x209		
Weight	Unit			kg	14		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	11.1/8.8/6.5/5.7	12.4/9.6/6.8/6.0	13.3/10.3/7.3/6.5
	Heating	High/Nom./Low/Silent operation		m^3/min	12.4/9.8/7.3/6.5	12.9/10.2/7.7/6.8	14.0/11.1/8.3/7.3
Sound power level	Cooling	Nom.		dBA	55	58	60
	Heating	Nom.		dBA	57	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	39/33/26/23	42/35/27/24	44/37/29/26
	Heating	High/Nom./Low/Silent operation		dBA	41/35/28/25	42/36/29/26	44/38/31/28
Refrigerant	Type				R-410A		
Piping connections	Liquid/Gas/Drain	OD		mm	6.35 / 9.52 / 18		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor units					RXR28E	RXR42E	RXR50E
Dimensions	Unit	HeightxWidthxDepth		mm	693x795x285		
Weight	Unit			kg	48		
Fan - Air flow rate	Cooling	Nom.		m^3/min	33.8	36.2	
	Heating	Nom.		m^3/min	31.4	31.9	34.3
Sound power level	Cooling	Nom.		dBA	60	62	
Sound pressure level	Cooling	Nom.		dBA	46	48	
	Heating	Nom.		dBA	46	48	50
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~43		
	Heating	Ambient	Min.~Max.	°CWB	-20~18		
Refrigerant	Type				R-410A		
Piping connections	Piping length	Max.	OU - IU	m	10		
	Level difference	IU - OU	Max.	m	8		
	Total piping length	System	Actual	m	-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

*prEN14825 (inquiry version 2010)

Daikin Emura



FORM.
FUNCTION.
REDEFINED.

The Daikin Emura wall mounted air conditioning unit from Daikin is a remarkable blend of iconic design and engineering excellence. Its ultra-thin profile and elegant finish in matt crystal white or brushed aluminium mean it will complement any interior. And those good looks certainly don't compromise its performance. Designed in Europe for European climates, you can rely on the Daikin Emura to deliver pleasant temperatures and consistent humidity levels, whatever the season.

It is designed to be mounted high on the wall, for optimum air distribution and whisper-quiet operation. And it is as easy to operate as it is to install and maintain. Just as importantly, its 'A' rating for energy efficiency will make it as attractive to the cost-conscious as the style-conscious. The Daikin Emura represents a perfect marriage of style and substance, of form and function, of intelligent heating and efficient cooling.

product design award 2010

GOOD DESIGN

reddot design award honourable mention 2010

Designpreis Deutschland 2011 NOMINEE

FTXG-J- / RXG-K

Wall mounted unit

FTXG25,35,50J

RXG25,35K

ARC466A1

DAIKIN
emura

INVERTER

- Energy efficient units: full range A class energy labels
- Remarkable blend of iconic design and engineering excellence with an elegant finish in brushed aluminium or matt crystal white
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Movement sensor saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.
- Indoor/outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor/outdoor unit by 3dBA
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- The infrared remote control is user friendly and equipped with a timer function that enables you to programme the unit to start or stop at your desired time.
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FTXG25JW	FTXG35JW	FTXG50JW	*FTXG25JA	*FTXG35JA	*FTXG50JA
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5/3.0	1.4/3.5/3.8	1.7/5.0/5.3	1.3/2.5/3.0	1.4/3.5/3.8	1.7/5.0/5.3
Heating capacity	Min./Nom./Max.		kW	1.3/3.4/4.5	1.4/4.0/5.0	1.7/5.8/6.5	1.3/3.4/4.5	1.4/4.0/5.0	1.7/5.8/6.5
Power input	Cooling	Min./Nom./Max.	kW	-/0.56/-	-/0.89/-	0.450/1.560/1.880	-/0.56/-	-/0.89/-	0.450/1.560/1.880
	Heating	Min./Nom./Max.	kW	-/0.78/-	-/0.99/-	0.520/1.600/2.500	-/0.78/-	-/0.99/-	0.520/1.600/2.500
EER / COP				4.46 / 4.36	3.93 / 4.04	3.21 / 3.63	4.46 / 4.36	3.93 / 4.04	3.21 / 3.63
SEER*				To be confirmed			To be confirmed		
Annual energy consumption			kWh	280	445	780	280	445	780
Energy label	Cooling/Heating			A/A			A/A		
Casing	Colour			Matt crystal white			Brushed aluminium		
Dimensions	Unit	HeightxWidthxDepth	mm	295x915x155			295x915x155		
Weight	Unit		kg	11			11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom./Low/Silent operation	m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1
Sound power level	Cooling	Nom.	dBA	54	58	60	54	58	60
	Heating	Nom.	dBA	55	58	60	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	42/34/26/23	44/40/35/32	38/32/25/22	42/34/26/23	-/44/40/35/32
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	42/36/29/26	44/40/35/32	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type			R-410A			R-410A		
Piping connections	Liquid/Gas/Drain	OD	mm	6.35 / 9.5 / 18.0		6.35 / 12.7 / 18.0	6.35 / 9.5 / 18.0		6.35 / 12.7 / 18.0
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			1~ / 50 / 220-240		

Outdoor unit				RXG25K	RXG35K	RXG50K
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		735x825x300
Weight	Unit		kg	34		48
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33.5/30.1	36.0/30.1	50.9/48.9
	Heating	High/Super low	m^3/min	28.3/25.6		45/43.1
Sound power level	Cooling	Nom./High	dBA	-/61	-/63	
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44	
	Heating	High/Silent operation	dBA	47/44	48/45	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46		
	Heating	Ambient Min.~Max.	°CWB	-15~20		
Refrigerant	Type			R-410A		
Piping connections	Level difference	IU - OU Max.	m	15		20
	Total piping length	System Actual	m	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

Optimal design and comfort for bedrooms and other small spaces

Integrating design

- Discreet, modern design. Its smooth curve blends beautifully with the wall resulting in an unobtrusive presence that matches all interior décors.
- High quality matt crystal white finish.
- New remote controller design, also in high quality matt white finish to give a perfect match with the indoor unit.

Oh so quiet

In bedrooms and small spaces, silence becomes even more important than in living areas. Daikin's new wall mounted models go almost unnoticed in operation.

Top performance

Full range inverter A label, equipped with energy saving features such as the intelligent eye and the weekly timer.

The right indoor for the right room

- Today, many bedrooms are smaller than 20 m^2 and are becoming even smaller in new construction buildings. Thanks to the new 15 class, it is possible to deliver the right comfort even in the smallest spaces of the house.
- Also thanks to this 15 class unit, capacity of the multi outdoor unit can be distributed in a more flexible way to adapt to modern house configurations. The allocation of the right capacity to smaller bedrooms releases capacity for the increasingly larger living areas: walls are often removed, several functions combined into one (kitchen, dining room, living room, study room, etc.).
- Additionally, insulation of houses is improving in order to reduce the demand for cooling and heating, and consequently, energy consumption. The new 15 class responds to the new capacity requirements of the smallest rooms in the house and allows optimal distribution of capacity of new 3-port 40 multi outdoor.

FTXS-K/J/G / RXS-K/J/F Wall mounted unit

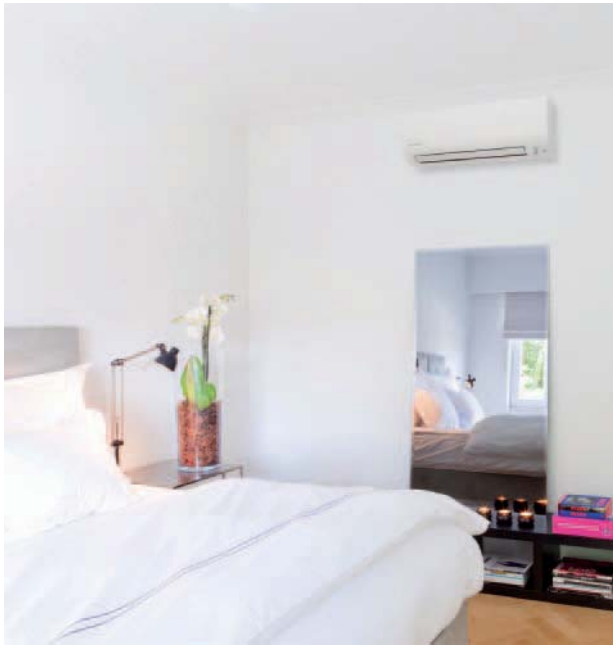
FTXS25,35K

RXS25,35K

ARC466A1

INVERTER

- Energy efficient units: up to A class energy labels
- FTXS-K models are especially designed for small or well-insulated rooms.
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces (FTXS-J/G)
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- 2 area intelligent eye: air flow is sent to the area in a room where no person is detected (FTXS-J/G)
- Movement sensor saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room (FTXS-K)
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA! (FTXS-K)
- Indoor/outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor/outdoor unit by 3dBA
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen



Heating & Cooling

Indoor unit				*FTXS20K	*FTXS25K	FTXS20J	FTXS25J	FTXS35J	FTXS42J	FTXS50J	FTXS60G	FTXS71G
Cooling capacity	Min./Nom./Max.		kW	1.3/2.0/2.8	1.3/2.5/3.2	1.3/2.0 /2.8	1.3/2.5 /3.2	1.4/3.5 /4.0	1.7/4.2 /5.0	1.7/5.0 /5.3	1.7/6.0 /6.7	2.3/7.1 /8.5
Heating capacity	Min./Nom./Max.		kW	1.3/2.5/4.3	1.3/2.8/4.7	1.3/2.7 /4.3	1.3/3.3 /4.7	1.4/4.0 /5.2	1.7/5.4 /6.0	1.7/5.8 /6.5	1.7/7.0 /8.0	2.3/8.2 /10.2
Power input	Cooling	Min./Nom./Max.	kW	-/0.43/-	-/0.57/-	0.320/0.450/0.810	0.320/0.535/0.810	0.350/0.860/1.190	0.440/1.210/2.330	0.440/1.460/1.810	-/1.99/-	-/2.35/-
	Heating	Min./Nom./Max.	kW	-/0.55/-	-/0.62/-	0.310/0.610/1.290	0.310/0.710/1.290	0.340/0.950/1.460	0.400/1.450/1.980	0.400/1.530/2.000	-/2.04/-	-/2.55/-
EER / COP				4.65 / 4.55	4.39 / 4.52	4.44 / 4.43	4.67 / 4.65	4.07 / 4.21	3.47 / 3.72	3.42 / 3.79	3.02 / 3.43	3.02 / 3.22
SEER*				To be confirmed		To be confirmed						
Annual energy consumption			kWh	-		225	268	430	605	730	995	1,175
Energy label	Cooling/Heating			A/A		A/A					B/B	B/C
Casing	Colour			White		White						
Dimensions	Unit	HeightxWidthxDepth	mm	289x780x215		295x800x215					290x1,050x250	
Weight	Unit		kg	7		9		10			12	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.8/6.7/4.7/3.9	9.1/7.0/5.0/3.9	9.4/7.4/5.5/4.1	10.8/7.9/5.2/3.7	11.4/8.7/5.8/4.4	11.3/9.0/6.8/5.9	11.6/9.2/7.0/6.0	16.0/13.5/11.3/10.1	17.2/14.5/11.5/10.5
	Heating	High/Nom./Low/Silent operation	m^3/min	9.5/7.8/6.0/4.3	10.0/8.0/6.0/4.3	9.9/8.2/6.6/6.2	11.9/9.1/6.4/5.9	12.4/9.5/6.8/6.0	12.2/9.7/7.3/6.4	12.1/9.8/7.6/6.7	17.2/14.9/12.6/11.3	19.5/16.7/14.2/12.6
Sound power level	Cooling	Nom.	dBA	54	57	54	57	61		62	61	62
	Heating	Nom.	dBA	54	58	54	58	61		63	60	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	39/32/24/19	41/33/25/19	38/32/25/22	41/33/25/22	45/37/29/23	45/39/33/30	46/40/34/31	45/41/36/33	46/42/37/34
	Heating	High/Nom./Low/Silent operation	dBA	38/33/27/19	39/33/27/19	38/33/28/25	42/35/28/25	45/39/29/26	45/39/33/30	47/41/34/31	44/40/35/32	46/42/37/34
Refrigerant	Type			R-410A		R-410A						
Piping connections	Liquid/Gas/Drain	OD	mm	-		6.35 / 9.52 / 18.0				6.35 / 12.7 / 18.0		6.35 / 15.9 / 18.0
Power supply	Phase / Frequency / Voltage		Hz / V	/ 1~ / 50 / 220-240		1~ / 50 / 220-240						

Outdoor unit				*RXS20K	*RXS25K	RXS20J	RXS25J	RXS35J	RXS42J	RXS50J	RXS60F	RXS71F
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		550x765x285				735x825x300		770x900x320
Weight	Unit		kg	34		32	34		39	48		71
Fan - Air flow rate	Cooling	High/Super low	m^3/min	-		36.2/32.7	33.5/30.1	36.0/30.1	37.3/30.6	50.9/48.9	50.9/42.4	54.5/57.1
	Heating	High/Super low	m^3/min	-		30.6/28.5	28.3/25.6		31.3/27.2	45.0/43.1	46.3/42.4	52.5/46.0
Sound power level	Cooling	Nom./High	dBA	-/61		-/61		-/63				-/66
Sound pressure level	Cooling	High/Silent operation	dBA	46/43		46/43		48/44			49/46	52/49
	Heating	High/Silent operation	dBA	47/44		47/44		48/45			49/46	52/49
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46		-10~46						
	Heating	Ambient Min.~Max.	°CWB	-15~18		-15~18						
Refrigerant	Type			R-410A		R-410A						
Piping connections	Level difference	IU - OU Max.	mm	15		15				30	20	
	Heat insulation			-		Both liquid and gas pipes						
	Total piping length	System Actual	m	-		-						
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-240						

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FTX-JV/GV / RX-JV/GV Wall mounted unit

FTX20,25,35JV

RX20,25,35JV

ARC433A8

INVERTER

- Energy saving during standby mode: reduction of energy from 10W to 2W
- Energy efficient units: up to class A energy labels
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Night set mode saves energy by preventing overcooling or overheating during night time
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Whisper quiet operation: down to 22dBA sound pressure level
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Titanium apatite photocatalytic air purification filter absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FTX20JV	FTX25JV	FTX35JV	FTX50GV	FTX60GV	FTX71GV
Cooling capacity	Min./Nom./Max.		kW	1.3/2.0/2.6	1.3/2.5/3.0	1.3/3.3/3.8	1.7/5.0/6.0	1.7/6.0/6.7	2.3/7.1/8.5
Heating capacity	Min./Nom./Max.		kW	1.3/2.5/3.5	1.3/2.8/4.0	1.3/3.5/4.8	1.7/5.8/7.7	1.7/7.0/8.0	2.3/8.2/10.2
Power input	Cooling	Min./Nom./Max.	kW	-/0.55/-	-/0.73/-	-/0.98/-	0.44/1.55/2.08	0.44/1.99/2.40	0.57/2.35/3.20
	Heating	Min./Nom./Max.	kW	-/0.59/-	-/0.69/-	-/0.93/-	0.40/1.60/2.53	0.40/2.04/2.81	0.52/2.55/3.82
EER / COP				3.64 / 4.24	3.42 / 4.06	3.37 / 3.76	3.23 / 3.63	3.02 / 3.43	3.02 / 3.22
Annual energy consumption			kWh	275	365	490	775	995	1,175
Energy label	Cooling/Heating			A/A				B/B	B/C
Casing	Colour			White					
Dimensions	Unit	HeightxWidthxDepth	mm	283x770x198			290x1,050x238		
Weight	Unit		kg	7			12		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	9.1/7.4/5.9/4.7	9.2/7.6/6.0/4.8	9.3/7.7/6.1/4.9	14.7/12.4/10.3/9.5	16.2/13.6/11.4/10.2	17.4/14.6/11.6/10.6
	Heating	High/Nom./Low/Silent operation	m^3/min	9.4/7.8/6.3/5.5	9.7/8.0/6.3/5.5	10.1/8.4/6.7/5.7	16.1/13.9/11.5/10.2	17.4/15.1/12.7/11.4	19.7/16.9/14.3/12.7
Sound power level	Cooling	High	dBA	55	56	57	59	61	62
	Heating	High	dBA	55	56	57	58	60	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	39/33/25/22	40/33/26/22	41/34/27/23	43/39/34/31	45/41/36/33	46/42/37/34
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	40/34/28/25	41/35/29/26	42/38/33/30	44/40/35/32	46/42/37/34
Refrigerant	Type			R-410A					
Piping connections	Liquid/Gas/Drain	OD	mm	6.35/9.52/18.0			6.35/12.7/18.0		6.35/15.9/18.0
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240					

Outdoor unit				RX20JV	RX25JV	RX35JV	RX50GV	RX60GV	RX71GV
Dimensions	Unit	HeightxWidthxDepth	mm	550x658x275			735x825x300		770x900x320
Weight	Unit		kg	28		30	48		71
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	-/29.2/-		-/27.6/-	48.9/-/41.7	50.9/-/42.4	54.5/-/46.0
	Heating	High/Nom./Low	m^3/min	-/26.2/-		-/24.5/-	45.0/-/41.7	46.3/-/42.4	46.0/-/46.0
Sound power level	Cooling	Nom.	dBA	60		62	61	63	66
Sound pressure level	Cooling	High/Low	dBA	46/-		48/-	47/44	49/46	52/49
	Heating	High/Low	dBA	47/-		48/-	48/45	49/46	52/49
Operation range	Cooling	Ambient Min.~Max.	°CDB	10~46			-10~46		
	Heating	Ambient Min.~Max.	°CWB	-15~20			-15~18		
Refrigerant	Type			R-410A					
Piping connections	Level difference	IU - OU Max.	m	12			20		
	Total piping length	System Actual	m	-					
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240					

FDXS-E/C / RXS-K/J/F Slim concealed ceiling unit

FDXS25,35E


RXS25F


ARC433A8

INVERTER

- Energy efficient units: up to class A energy labels
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths
- Home leave operation maintains the indoor temperature at your specified comfort level during absence, thus saving energy
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Whisper quiet operation: down to 29dBA sound pressure level
- Indoor/outdoor unit silent operation: "silent" buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dBA each
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

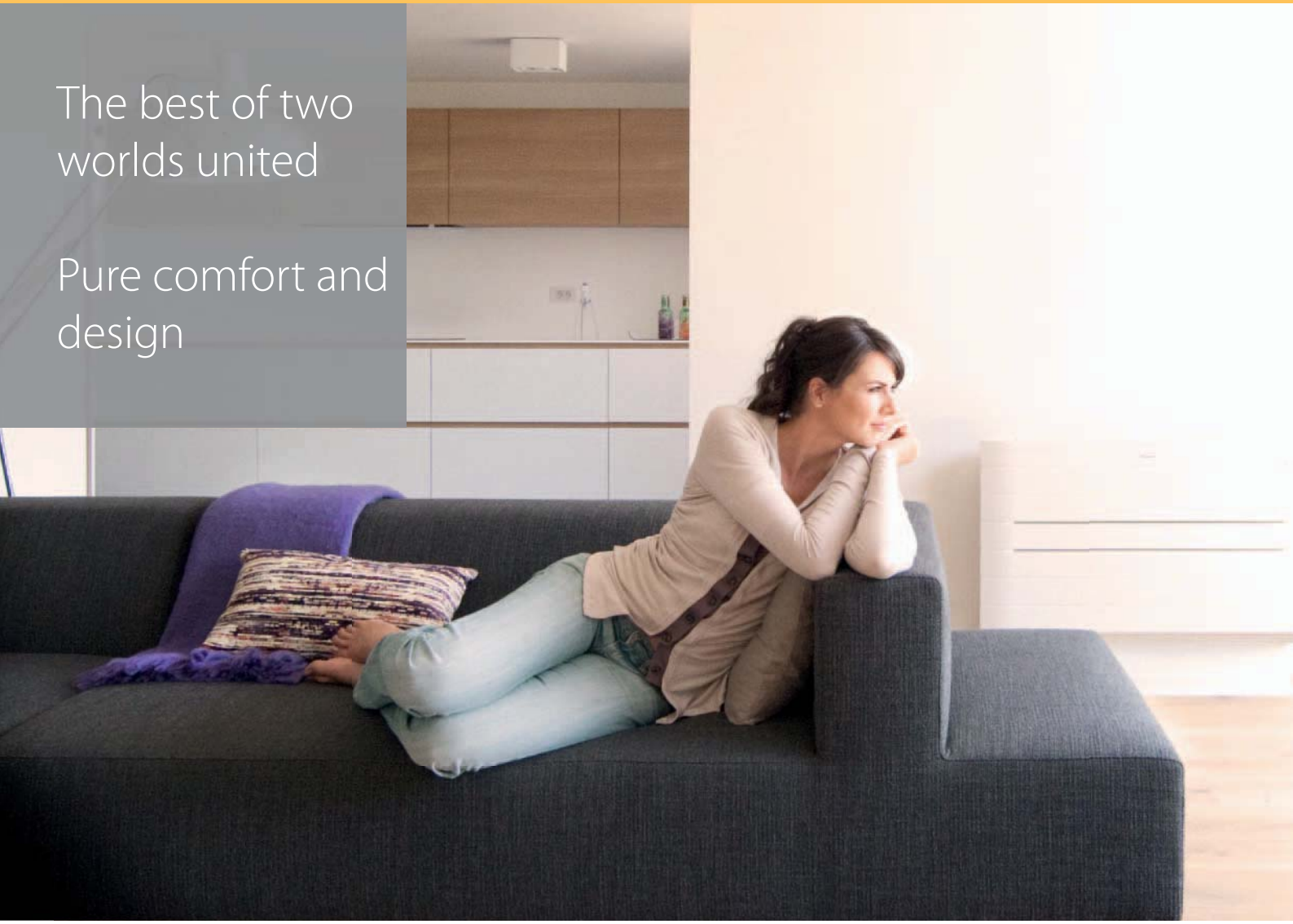
Indoor unit				*FDXS25E	FDXS35E	FDXS50C	FDXS60C
Cooling capacity	Min./Nom./Max.		kW	-/2.40/-	-/3.40/-	-/5.00/-	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.		kW	-/3.20/-	-/4.00/-	-/5.80/-	1.7/7.0/8.0
Power input	Cooling	Min./Nom./Max.	kW	-/0.69/-	-/1.09/-	-/1.65/-	0.44/2.13/2.49
	Heating	Min./Nom./Max.	kW	-/0.91/-	-/1.18/-	-/1.92/-	0.40/2.32/3.18
EER / COP				3.48 / 3.52	3.12 / 3.39	3.03 / 3.02	2.82 / 3.02
Annual energy consumption			kWh	345	545	825	1,065
Energy label	Cooling/Heating			A/B	B/C	B/D	C/D
Dimensions	Unit	HeightxWidthxDepth	mm	200x700x620		200x900x620	200x1,100x620
Weight	Unit		kg	21.0		27.0	30.0
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
	Heating	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
Fan - External static pressure	Nom.		Pa	30		40	
Sound power level	Cooling	High	dBA	53.0		55.0	56.0
	Heating	High	dBA	53.0		55.0	56.0
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
	Heating	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
Refrigerant	Type			R-410A			
Piping connections	Liquid/Gas	OD	mm	-			6.35 / 12.7
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			

Outdoor unit				*RXS25K	RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	550x765x285	735x825x300	735x825x300
Weight	Unit		kg	34	34	48	
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33.5/30.1	36.0/30.1	50.9/48.9	50.9/45.0
	Heating	High/Super low	m^3/min	28.3/25.6	28.3/25.6	45.0/43.1	46.3/46.3
Sound power level	Cooling	Nom./High	dBA	-/61	-/63		
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44		49/46
	Heating	High/Silent operation	dBA	47/44	48/45		49/46
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46	-10~46		
	Heating	Ambient Min.~Max.	°CWB	-15~18	-15~18		
Refrigerant	Type			R-410A	R-410A		
Piping connections	Liquid	OD	mm	6.35	6.35		
	Gas	OD	mm	9.52	9.52	12.7	
	Level difference	IU - OU Max.	m	15	15	20	
	Heat insulation			Both liquid and gas pipes	Both liquid and gas pipes		
	Total piping length	System Actual	m	-	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240		

*Note: grey cells contain preliminary data

The best of two worlds united

Pure comfort and design



COMFORT IS KEY

Nexura makes your world a comfortable one. The coolness of a summer breeze or the cosiness of an extra heat source brings a feeling of well-being to your living space all year round. Its unobtrusive yet stylish design with a front panel that radiates additional heat, its low noise level and reduced air flow turn your room into a haven.

FVXG-K / RXG-K

Floor standing unit with radiant heat panel

FVXG25,35,50K

RXG25,35K

ARC466A2

UNIQUE TECHNOLOGY

INVERTER

nexura

- Energy efficient units: full range A class energy labels
- The aluminium part of the front panel of the Nexura indoor unit has the capability of warming up, just like a traditional radiator, to add even more comfort on cold days
- The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- Comfortable vertical auto swing ensures draughtfree operation and prevents ceiling soiling
- Ideal for installation beneath a window
- Can be installed against a wall or recessed
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Night set mode saves energy by preventing overcooling or overheating during night time
- Indoor/outdoor unit silent operation: "silent" buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dBA each
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FVXG25K	FVXG35K	FVXG50K
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5 /3.0	1.4/3.5 /3.8	1.7/5.0 /5.6
Heating capacity	Min./Nom./Max.		kW	1.3/3.4 /4.5	1.4/4.5 /5.0	1.7/5.8 /8.1
Power input	Cooling	Min./Nom./Max.	kW	0.300/0.550/0.790	0.310/0.950/1.150	0.450/1.520/2.000
	Heating	Min./Nom./Max.	kW	0.290/0.780/1.270	0.290/1.210/1.460	0.500/1.580/2.660
EER / COP				4.55 / 4.36	3.68 / 3.72	3.29 / 3.67
SEER*				To be confirmed		
Annual energy consumption			kWh	275	475	760
Energy label	Cooling/Heating			A/A		
Casing	Colour			Fresh white (6.5Y 9.5/0.5)		
Dimensions	Unit	HeightxWidthxDepth	mm	600x950x215		
Weight	Unit		kg	22		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5	10.6/8.9/7.3/6.0
	Heating	High/Nom./Low/Silent operation	m^3/min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0	12.2/10.0/7.8/6.8
Sound power level	Cooling	Nom.	dBA	54	55	56
	Heating	Nom.	dBA	55	56	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/ Silent operation/Radiant heat	dBA	39/32/26/22/19	40/33/27/23/19	46/40/34/30/20
Refrigerant	Type			R-410A		
Piping connections	Liquid/Gas/Drain	OD	mm	6.35 / 9.5 / 18		6.35 / 12.7 / 18
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

Outdoor unit				RXG25K	RXG35K	RXG50K
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		735x825x300
Weight	Unit		kg	34		48
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33.5/30.1	36.0/30.1	50.9/48.9
	Heating	High/Super low	m^3/min	28.3/25.6		45/43.1
Sound power level	Cooling	Nom./High	dBA	-/61	-/63	
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44	
	Heating	High/Silent operation	dBA	47/44	48/45	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46		
	Heating	Ambient Min.~Max.	°CWB	-15~20		
Refrigerant	Type			R-410A		
Piping connections	Level difference	IU - OU Max.	m	15		20
	Total piping length	System Actual	m	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

*prEN14825 (inquiry version 2010)

FVXS-F / RXS-K/J Floor standing unit

FVXS25,35,50F


RXS25K


ARC452A1

INVERTER

- Energy efficient units: full range A class energy labels
- Ideal for installation beneath a window
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Can be installed against a wall or recessed
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Whisper quiet operation: down to 23dBA sound pressure level
- Indoor/outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor/outdoor unit by 3dBA
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit					FVXS25F	FVXS35F	FVXS50F
Cooling capacity	Min./Nom./Max.			kW	1.3/2.5/3.0	1.4/3.5/3.8	1.4/5.0/5.6
Heating capacity	Min./Nom./Max.			kW	1.3/3.4/4.5	1.4/4.5/5.0	1.4/5.8/8.1
Power input	Cooling	Min./Nom./Max.		kW	0.300/0.570/0.920	0.300/1.020/1.250	0.500/1.550/2.000
	Heating	Min./Nom./Max.		kW	0.290/0.790/1.390	0.310/1.220/1.880	0.500/1.600/2.600
EER / COP					4.39 / 4.30	3.43 / 3.69	3.23 / 3.63
SEER*					To be confirmed	To be confirmed	
Annual energy consumption				kWh	285	510	775
Energy label	Cooling/Heating				A/A		
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	600x700x210		
Weight	Unit			kg	14		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5	10.7/9.2/7.8/6.6
	Heating	High/Nom./Low/Silent operation		m^3/min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7	11.8/10.1/8.5/7.1
Sound power level	Cooling	High		dBA	54	55	56
	Heating	High		dBA	54	55	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation		dBA	38/32/26/23	39/33/27/24	45/40/36/32
Refrigerant	Type				R-410A		
Piping connections	Liquid/Gas/Drain	OD		mm	6.35 / 9.5 / 20.0		6.35 / 12.7 / 20.0
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit					*RXS25K	RXS35J	RXS50J
Dimensions	Unit	HeightxWidthxDepth		mm	550x828x285	550x828x285	735x825x300
Weight	Unit			kg	34	34	48
Fan - Air flow rate	Cooling	High/Super low		m^3/min	-	36.0/30.1	50.9/48.9
	Heating	High/Super low		m^3/min	-	28.3/25.6	45.0/43.1
Sound power level	Cooling	Nom./High		dBA	-/61	-/63	
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44	
	Heating	High/Silent operation		dBA	47/44	48/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~18	-15~18	
Refrigerant	Type				R-410A	R-410A	
Piping connections	Liquid/Gas	OD		mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Level difference	IU - OU	Max.	m	15	15	20
	Heat insulation				Both liquid and gas pipes	Both liquid and gas pipes	
	Total piping length	System	Actual	m	20	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FLXS-B / RXS-K/J Flexi type unit

FLXS25,35,50B


RXS25K


ARC433A6

INVERTER

- Energy efficient units: up to class A energy labels
- Can fit on either ceiling or lower wall; its low height enables the unit to fit beneath a window
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Home leave operation maintains the indoor temperature at your specified comfort level during absence, thus saving energy
- Night set mode saves energy by preventing overcooling or overheating during night time
- Photocatalytic deodorising air purification filter deodorises the air, powerfully decomposes odours, removes house dust and pollen and helps to prevent bacterial and viral propagation to ensure a steady supply of clean air
- Whisper quiet operation: down to 28dBA sound pressure level
- Indoor/outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor/outdoor unit by 3dBA
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FLXS25B	FLXS35B	FLXS50B
Cooling capacity	Min./Nom./Max.		kW	1.2/2.5/3.0	1.2/3.5/3.8	0.9/4.9/5.3
Heating capacity	Min./Nom./Max.		kW	1.2/3.4/4.5	1.4/4.0/5.0	0.9/6.1/7.5
Power input	Cooling	Min./Nom./Max.	kW	0.300/0.650/0.860	0.300/1.130/1.260	0.450/1.720/1.950
	Heating	Min./Nom./Max.	kW	0.290/0.980/1.490	0.290/1.230/1.850	0.310/1.820/3.540
EER / COP				3.85 / 3.47	3.10 / 3.25	2.85 / 3.35
Annual energy consumption			kWh	325	565	860
Energy label	Cooling/Heating			A/B	B/C	C/C
Casing	Colour			Almond white		
Dimensions	Unit	HeightxWidthxDepth	mm	490x1,050x200		
Weight	Unit		kg	16		17
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	7.6/6.8/6.0/5.2	8.6/7.6/6.6/5.6	11.4/10.0/8.5/7.5
	Heating	High/Nom./Low/Silent operation	m^3/min	9.2/8.3/7.4/6.6	9.8/8.9/8.0/7.2	12.1/9.8/7.5/6.8
Sound power level	Cooling	High.	dBA	53	54	63
	Heating	High.	dBA	53	55	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/34/31/28	38/35/32/29	47/43/39/36
	Heating	High/Nom./Low/Silent operation	dBA	37/34/31/29	39/36/33/30	46/41/35/33
Refrigerant	Type			R-410A		
Piping connections	Liquid/Gas/Drain	OD	mm	6.35 / 9.5 / 18.0		6.35 / 12.7 / 18.0
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230		

Outdoor unit				*RXS25K	RXS35J	RXS50J
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	550x765x285	735x825x300
Weight	Unit		kg	34	34	48
Fan - Air flow rate	Cooling	High/Super low	m^3/min	-	36.0/30.1	50.9/48.9
	Heating	High/Super low	m^3/min	-	28.3/25.6	45.0/43.1
Sound power level	Cooling	Nom./High	dBA	-/61	-/63	
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44	
	Heating	High/Silent operation	dBA	47/44	48/45	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46	-10~46	
	Heating	Ambient Min.~Max.	°CWB	-15~18	-15~18	
Refrigerant	Type			R-410A	R-410A	
Piping connections	Liquid/Gas	OD	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Level difference	IU - OU Max.	m	15	15	20
	Heat insulation			Both liquid and gas pipes	Both liquid and gas pipes	
	Total piping length	System Actual	m	20	-	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	

*Note: grey cells contain preliminary data

FTXG-J / RXLG-K

Wall mounted unit
Designed for colder climates

FTXG25,35,50J

RXLG25,35K

ARC466A1

DAIKIN emura

INVERTER

product design award 2010

GOOD DESIGN

reddot design award honourable mention 2010

Designpreis Deutschland 2011 NOMINEE

- Optimised heating solution for your home
- Extended operation range for heating down to -20°C
- Energy efficient units: full range A class energy labels
- Remarkable blend of iconic design and engineering excellence with an elegant finish in brushed aluminium or matt crystal white
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Movement sensor saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.
- Indoor/outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor/outdoor unit by 3dBA
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Night set mode saves energy by preventing overcooling or overheating during night time
- The infrared remote control is user friendly and equipped with a timer function that enables you to programme the unit to start or stop at your desired time.
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FTXG25JW	FTXG35JW	*FTXG25JA	*FTXG35JA
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5/3.0	1.4/3.5/3.8	1.3/2.5/3.0	1.4/3.5/3.8
Heating capacity	Min./Nom./Max.		kW	1.3/3.4/4.5	1.4/4.5/5.0	1.3/3.4/4.5	1.4/4.5/5.0
Power input	Cooling	Min./Nom./Max.	kW	0.56	0.89	0.56	0.89
	Heating	Min./Nom./Max.	kW	0.78	1.11	0.78	1.11
EER / COP				4.46/4.36	3.93/4.04	4.46/4.36	3.93/4.04
Annual energy consumption			kWh	280	445	280	445
Energy label	Cooling/Heating			A/A		A/A	
Casing	Colour			Matt crystal white		Brushed aluminium	
Dimensions	Unit	HeightxWidthxDepth	mm	295x915x155		295x915x155	
Weight	Unit		kg	11		11	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9
	Heating	High/Nom./Low/Silent operation	m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6
Sound power level	Cooling	High	dBA	54	58	54	58
	Heating	High	dBA	55	58	55	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	42/34/26/23	38/32/25/22	42/34/26/23
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	42/36/29/26	39/34/28/25	42/36/29/26
Refrigerant	Type			R-410A		R-410A	
Piping connections	Liquid/Gas	OD	mm	6.35/9.5		6.35/9.5	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-240	

Outdoor unit				RXLG25K	RXLG35K	RXLG25K	RXLG35K
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		550x765x285	
Weight	Unit		kg	34		34	
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33.5/30.1	36.0/30.1	33.5/30.1	36.0/30.1
	Heating	High/Super low	m^3/min	28.3/25.6	30.2/25.6	28.3/25.6	30.2/25.6
Sound power level	Cooling	Nom./High	dBA	-/61	-/63	-/61	-/63
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44	46/43	48/44
	Heating	High/Silent operation	dBA	47/44	48/45	47/44	48/45
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46		-10~46	
	Heating	Ambient Min.~Max.	°CWB	-20~20		-20~20	
Refrigerant	Type			R-410A		R-410A	
Piping connections	Level difference	IU - OU Max.	m	15		15	
	Total piping length	System Actual	m	-		-	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-230-240		1~ / 50 / 220-230-240	

*Note: grey cells contain preliminary data

FVXG-K / RXLG-K

Floor standing unit with radiant heat panel
Designed for colder climates

FVXG25,35K


RXLG25,35K


ARC466A2

UNIQUE TECHNOLOGY

INVERTER

nexura

- Optimised heating solution for your home
- Extended operation range for heating down to -20°C
- Energy efficient units: full range A class energy labels
- The aluminium part of the front panel of the Nexura indoor unit has the capability of warming up, just like a traditional radiator, to add even more comfort on cold days
- Ideal for installation beneath a window
- Can be installed against a wall or recessed
- Comfortable vertical auto swing ensures draughtfree operation and prevents ceiling soiling
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Night set mode saves energy by preventing overcooling or overheating during night time
- The indoor unit distributes air at the sound of a whisper. The noise produced amounts to barely 22dB(A) in cooling and 19dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40dB(A) on average.
- Indoor/outdoor unit silent operation: "silent" buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dBA each
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit					FVXG25K	FVXG35K
Cooling capacity	Min./Nom./Max.			kW	1.3/2.5 /3.0	1.4/3.5 /3.8
Heating capacity	Min./Nom./Max.			kW	1.3/3.4 /4.5	1.4/4.5 /5.0
Power input	Cooling	Nom.		kW	0.55	0.95
	Heating	Nom.		kW	0.78	1.21
EER / COP					4.55 / 4.36	3.68 / 3.72
Annual energy consumption				kWh	275	476
Energy label	Cooling/Heating				A/A	
Casing	Colour				Fresh white (6.5Y 9.5/0.5)	
Dimensions	Unit	HeightxWidthxDepth		mm	600x950x215	
Weight	Unit			kg	22	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5
	Heating	High/Nom./Low/Silent operation		m^3/min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0
Sound power level	Cooling	Nom.		dBA	54	55
	Heating	Nom.		dBA	55	56
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/26/23	39/33/27/24
	Heating	High/Nom./Low/Silent operation		dBA	39/32/26/22	40/33/27/23
Refrigerant	Type				R-410A	
Piping connections	Liquid / Gas	OD		mm	6.35 / 9.5	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	

Outdoor unit					RXLG25K	RXLG35K
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	
Weight	Unit			kg	34	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	33.5/30.1	36.0/30.1
	Heating	High/Super low		m^3/min	28.3/25.6	30.2/25.6
Sound power level	Cooling	Nom./High		dBA	-/61	-/63
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44
	Heating	High/Silent operation		dBA	47/44	48/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-20~20	
Refrigerant	Type				R-410A	
Piping connections	Level difference	IU-OU	Max.	m	15	
	Total piping length	System	Actual	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-230-240	

FTXS-J / RXL-J

Wall mounted unit
Designed for colder climates

FTXS20,25,35J

RXL20,25,35J

ARC452A3

INVERTER

- Optimised heating solution for your home
- Extended operation range down to -20°C in heating
- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if two people are detected in the room, the air flow is projected away from the occupants; if no people are detected, the unit will automatically switch over to the energy-efficient setting
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode
- Night set mode saves energy by preventing overcooling or overheating during night time
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit					FTXS20J	FTXS25J	FTXS35J
Cooling capacity	Min./Nom./Max.			kW	1.3/2.0 /2.8	1.3/2.5 /3.2	1.4/3.5 /4.0
Heating capacity	Min./Nom./Max.			kW	1.3/2.7 /4.3	1.3/3.3 /4.7	1.4/4.0 /5.2
Power input	Cooling	Nom.		kW	0.45	0.54	0.86
	Heating	Nom.		kW	0.61	0.71	0.95
EER / COP					4.44 / 4.43	4.67 / 4.65	4.07 / 4.21
Annual energy consumption				kWh	225	268	430
Energy label	Cooling/Heating				A/A		
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	295x800x215		
Weight	Unit			kg	9		10
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	9.4/7.4/5.5/4.1	10.8/7.9/5.2/3.7	11.4/8.7/5.8/4.4
	Heating	High/Nom./Low/Silent operation		m^3/min	9.9/8.2/6.6/6.2	11.9/9.1/6.4/5.9	12.4/9.5/6.8/6.0
Sound power level	Cooling	Nom.		dBA	54	57	61
	Heating	Nom.		dBA	54	58	61
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/25/22	41/33/25/22	45/37/29/23
	Heating	High/Nom./Low/Silent operation		dBA	38/33/28/25	42/35/28/25	45/39/29/26
Refrigerant	Type				R-410A		
Piping connections	Liquid/Gas	OD		mm	6.35 / 9.5		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit					RXL20J	RXL25J	RXL35J
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		
Weight	Unit			kg	32	34	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	36.2/32.7	33.5/30.1	36.0/30.1
	Heating	High/Super low		m^3/min	30.6/28.5	28.3/25.6	
Sound power level	Cooling	Nom./High		dBA	-/61		-/63
Sound pressure level	Cooling	High/Silent operation		dBA	46/43		48/44
	Heating	High/Silent operation		dBA	47/44		48/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-20~20		
Refrigerant	Type				R-410A		
Piping connections	Level difference	IU-OU	Max.	m	15		
	Total piping length	System	Actual	m	-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-230-240		

FVXS-F / RXL-J

Floor standing unit
Designed for colder climates

FVXS25,35F


RXL25,35J


ARC452A1

INVERTER

- Optimised heating solution for your home
- Extended operation range down to -20°C in heating
- Ideal for installation beneath a window
- Can be installed against a wall or recessed
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Energy saving during standby mode: reduces current consumption by about 80% when operating In standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode
- Whisper quiet operation: down to 23dBA sound pressure level
- Indoor/outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor/outdoor unit by 3dBA
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FVXS25F	FVXS35F
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5 /3.0	1.4/3.5 /3.8
Heating capacity	Min./Nom./Max.		kW	1.3/3.4 /4.5	1.4/4.5 /5.0
Power input	Cooling	Nom.	kW	0.57	0.81
	Heating	Nom.	kW	0.99	1.22
EER / COP				4.39 / 3.43	4.30 / 3.69
Annual energy consumption			kWh	285	407
Energy label	Cooling/Heating			A/B	A/A
Casing	Colour			White	
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210	
Weight	Unit		kg	14	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5
	Heating	High/Nom./Low/Silent operation	m^3/min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7
Sound power level	Cooling	High.	dBA	54	55
	Heating	High.	dBA	54	55
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24
	Heating	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24
Refrigerant	Type			R-410A	
Piping connections	Liquid/Gas	OD	mm	6.35 / 9.5	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240	

Outdoor unit					RXL25J	RXL35J
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	
Weight	Unit			kg	34	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	33.5/30.1	36.0/30.1
	Heating	High/Super low		m^3/min	28.3/25.6	
Sound power level	Cooling	Nom./High		dBA	-/61	-/63
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44
	Heating	High/Silent operation		dBA	47/44	48/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-20~20	
Refrigerant	Type				R-410A	
Piping connections	Level difference	IU-OU	Max.	m	15	
	Total piping length	System	Actual	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-230-240	

Multi model applications

MXU & MXS

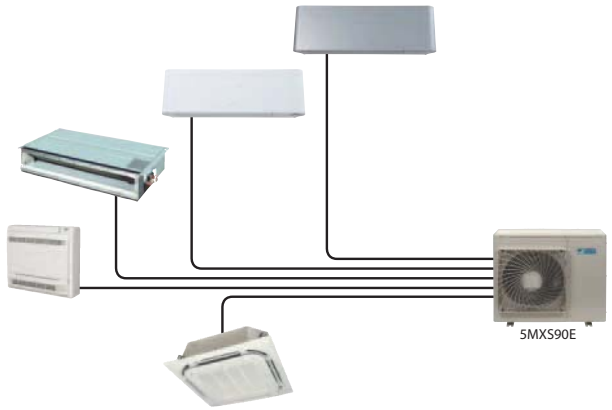
INSTALLATION FLEXIBILITY

A very wide range is available, from 2-port to 5-port units, making all applications possible. Up to 5 indoor units can be connected to 1 multi outdoor unit. All indoor units can be individually controlled with remote control and do not need to be installed in the same room or even at the same time. The outdoor units are neat and sturdy and can be mounted easily on a roof or terrace or simply placed against an outside wall;

WIDE CHOICE

It is possible to combine different types of indoor units:
wall mounted, floor standing, round flow cassette, ceiling suspended, flexi type, concealed ceiling, 4-way blow cassette

Outdoor multi split units are fitted with the Daikin swing compressor, renowned for its low noise and high energy efficiency.



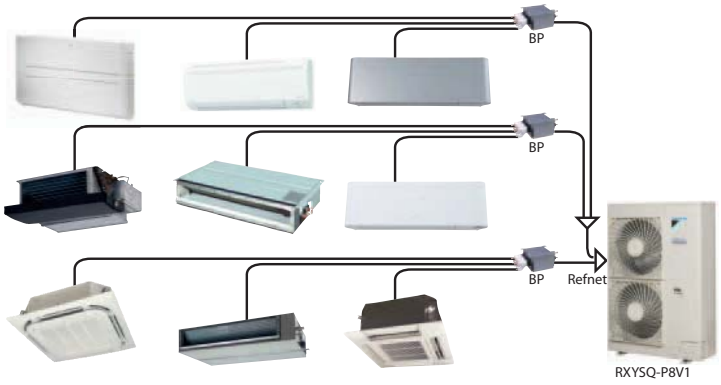
RXYSQ

INSTALLATION FLEXIBILITY

Up to 9 indoor units can be connected to 1 multi outdoor unit. All indoor units can be individually controlled with remote control and do not need to be installed in the same room or even at the same time. Narrow refrigerant piping makes handling and connecting easier, resulting in significantly reduced installation time. The Branch Provider (BP) unit varies the refrigerant volume to meet the cooling or heating requirements of a room. The BP is easy to disassemble, making repairing and recycling more simple. The REFNET joint reduces the amount of work involved in installation and increases the reliability of the system. A maximum total piping length of 145m offers much more flexibility in the choice of installation position for the indoor units and greatly simplifies system planning.

WIDE CHOICE

It is possible to combine different types of indoor units:
wall mounted, floor standing, round flow cassette, ceiling suspended, flexi type, concealed ceiling.



The Daikin Ururu Multi heat pump system is unique in its ability to supply comfort cooling, heating, humidification and fresh air ventilation.

Designed primarily for two room residential use, the system comprises a visually attractive wall mounted indoor unit and a robust outdoor unit that can be installed on a balcony or against a wall.

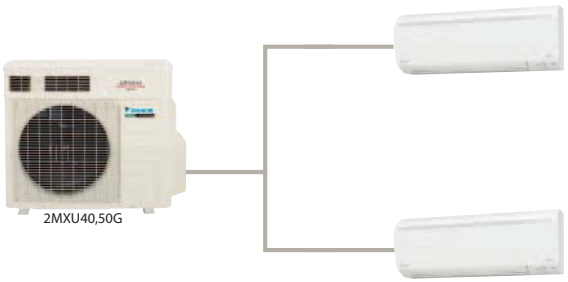
For the humidification, called "Ururu" in Japanese, moisture is absorbed from the outdoor air. Subsequently, this humidified outdoor air streams into the indoor unit and is evenly distributed throughout the indoor areas. The Ururu Multi, therefore, works without a water reservoir and serves to evenly distribute humidified air. Humid heat operation however, is only available during the heat function.

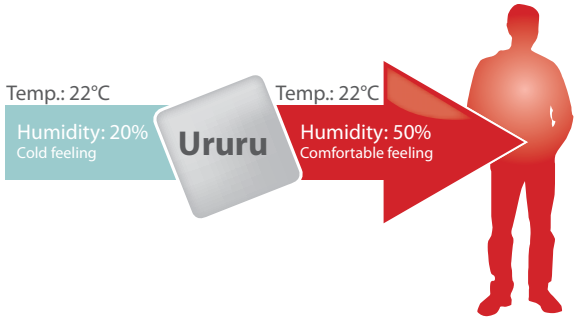
Unlike the conventional multi system, the Ururu Multi brings fresh, conditioned air into the room. Furthermore, the temperature of the incoming air is brought to the desired level without cold or heat loss. Another benefit is that the air supply fan is accommodated in the outdoor unit, which means that you will never be bothered by any fan noises.

Heating & Cooling

CONNECTABLE INDOOR UNITS								
Indoor units					CTXU25G	CTXU35G	CTXU42G	CTXU50G
Casing	Colour				White			
Dimensions	Unit	HeightxWidthxDepth		mm	295x800x215			
Weight	Unit			kg	9	10		
Sound power level	Cooling	High		dBA	54	58		59
	Heating	High		dBA	55	58		60
Sound pressure level	Cooling	High/Nom./Low/ Silent operation		dBA	38/32/25/22	42/34/26/23	42/38/33/30	43/39/34/31
	Heating	High/Nom./Low/ Silent operation		dBA	39/34/28/25	42/36/29/26	42/38/33/30	44/39/34/31
Refrigerant	Type				R-410A			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.52			12.7
	Drain				18			
Power supply	Phase / Frequency / Voltage			Hz / V	1 / 50 / 220-230-240			

CONNECTABLE OUTDOOR UNITS						
Outdoor units					2MXU40G	2MXU50G
Dimensions	Unit	HeightxWidthxDepth		mm	675x765x285	
Weight	Unit			kg	45	49
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	36/33/30	37/34/34
	Heating	High/Nom./Low		m^3/min	32/32/32	34/34/34
Sound power level	Cooling	Nom.		dBA	62	63
Sound pressure level	Cooling	High		dBA	47	48
	Heating	High		dBA	48	50
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5	
Refrigerant	Type				R-410A	
Piping connections	Piping length	Max.	OU - IU	m	15	
	Level difference	IU - OU	Max.	m	15	
		IU - IU	Max.	m	7.5	
	Heat insulation				Both liquid and gas pipes	
	Total piping length	System	Actual	m	30	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-440	





COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXU40G	2.5	2.50	---	1.50	2.50	3.00	0.330	0.610	0.800	4.10	A	305
	3.5	3.50	---	1.50	3.50	4.00	0.330	1.050	1.360	3.33	A	525
	2.5+2.5	2.00	2.00	1.75	4.00	4.40	0.310	1.020	1.230	3.92	A	510
	2.5+3.5	1.80	2.20	1.75	4.00	4.60	0.310	0.990	1.310	4.04	A	495

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
2MXU40G	2.5	3.40	---	1.10	3.40	4.10	0.260	1.020	1.480	3.33	C
	3.5	3.80	---	1.10	3.80	4.40	0.260	1.280	1.720	2.97	D
	2.5+2.5	2.20	2.20	1.40	4.40	4.70	0.250	1.030	1.160	4.27	A
	2.5+3.5	2.05	2.35	1.40	4.40	4.70	0.240	0.990	1.110	4.44	A

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXU50G	2.5	2.50	---	1.60	2.50	3.10	0.330	0.560	0.800	4.46	A	280
	3.5	3.50	---	1.60	3.50	4.00	0.320	0.940	1.240	3.72	A	470
	4.2	4.20	---	1.60	4.20	4.70	0.320	1.380	1.850	3.04	B	690
	5.0	5.00	---	1.60	5.00	5.10	0.320	1.940	2.070	2.58	E	970
	2.5+2.5	2.50	2.50	1.95	5.00	5.30	0.340	1.380	1.610	3.62	A	690
	2.5+3.5	2.08	2.92	1.95	5.00	5.40	0.340	1.340	1.610	3.73	A	670
	2.5+4.2	1.87	3.13	1.95	5.00	5.50	0.340	1.330	1.720	3.76	A	665
	2.5+5.0	1.67	3.33	1.95	5.00	5.50	0.340	1.300	1.700	3.85	A	650
	3.5+3.5	2.50	2.50	1.98	5.00	5.40	0.340	1.290	1.550	3.88	A	645
	3.5+4.2	2.27	2.73	1.98	5.00	5.50	0.340	1.280	1.650	3.91	A	640
	3.5+5.0	2.06	2.94	1.98	5.00	5.50	0.340	1.270	1.620	3.94	A	635
	4.2+4.2	2.50	2.50	1.98	5.00	5.50	0.340	1.270	1.620	3.94	A	635

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
2MXU50G	2.5	3.40	---	1.16	3.40	4.10	0.220	0.940	1.270	3.62	A
	3.5	4.00	---	1.16	4.00	4.60	0.220	1.180	1.460	3.39	C
	4.2	4.70	---	1.16	4.70	5.10	0.220	1.490	1.730	3.15	D
	5.0	5.40	---	1.28	5.40	5.60	0.230	1.770	1.910	3.05	D
	2.5+2.5	2.80	2.80	1.18	5.60	5.80	0.220	1.380	1.430	4.06	A
	2.5+3.5	2.38	3.32	1.24	5.70	6.00	0.230	1.340	1.450	4.25	A
	2.5+4.2	2.13	3.57	1.25	5.70	6.10	0.230	1.330	1.470	4.29	A
	2.5+5.0	1.90	3.80	1.35	5.70	6.30	0.230	1.320	1.520	4.32	A
	3.5+3.5	2.85	2.85	1.30	5.70	6.10	0.230	1.330	1.460	4.29	A
	3.5+4.2	2.59	3.11	1.31	5.70	6.20	0.230	1.320	1.480	4.32	A
	3.5+5.0	2.35	3.35	1.35	5.70	6.40	0.230	1.310	1.560	4.35	A
	4.2+4.2	2.85	2.85	1.32	5.70	6.30	0.230	1.310	1.500	4.35	A

INVERTER

- Wide range from 2 to 5 port units
- Possibility to connect up to 5 indoor units
- NEW A new 3-port 40 multi outdoor unit gives an answer to lower capacity requirements of better insulated houses. The newly developed 15-class wall mounted allows efficient distribution of the lower capacity of the multi outdoor unit.
- All indoor units can be individually controlled and do not need to be installed in the same room or even at the same time
- Outdoor units are fitted with a Daikin swing compressor renowned for its low noise and high energy efficiency
- Possibility to combine different types of indoor units: wall mounted, floor standing, concealed ceiling, ceiling suspended units, round flow or 4-way blow cassettes

Heating & Cooling

CONNECTABLE INDOOR UNITS	Wall mounted																Floor standing						Slim concealed ceiling				Flexi type				Round flow cassette			4-way blow cassette				Concealed ceiling				Ceiling suspended		
	FTXG-J			FTXS-K		CTXS-K		FTXS-J/G						FTX-JV			FVXG-K			FVXS-F			FDXS-E/C				FLXS-B				FCQ-C8			FFQ-B9V				FDBQ-B/FBQ-C				FHQ-B		
	25	35	50	20	25	15	35	20	25	35	42	50	60	71	25	35	50	25	35	50	25	35	50	60	25	35	50	60	35	50	60	25	35	50	60	25	35	50	60	35	50	60
2MXS40H	●	●		●	●	●	●	●	●	●					●	●	●	●	●	●	●	●					●	●																
2MXS50H	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●				●	●	●							●	●	●							
3MXS40K	●	●		●	●	●	●	●	●	●								●	●		●	●					●	●			●			●	●			●	●			●		
3MXS52E	●	●	●	●	●	●	●	●	●	●	●	●						●	●	●	●	●	●				●	●	●		●	●		●	●	●		●	●	●		●	●	●
3MXS68G	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXS68F	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXS80E	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5MXS90E	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

CONNECTABLE INDOOR UNITS					
Indoor unit				FTXG25JA	FTXG35JA	FTXG50JA
Casing	Colour			Brushed aluminium		
Dimensions	Unit	HeightxWidthxDepth	mm	295x915x155		
Weight	Unit		kg	11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom./Low/Silent operation	m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1
Sound power level	Cooling	High	dBA	54	58	60
	Heating	High	dBA	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.70
	Drain			18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS						
Indoor unit				FTXG25JW	FTXG35JW	FTXG50JW
Casing	Colour			Matt crystal white		
Dimensions	Unit	HeightxWidthxDepth	mm	295x915x155		
Weight	Unit		kg	11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom./Low/Silent operation	m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1
Sound power level	Cooling	High	dBA	54	58	60
	Heating	High	dBA	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.70
	Drain			18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS							
Indoor unit				*FTXS20K	*FTXS25K	*CTXS15K	*CTXS35K
Casing	Colour			White		White	
Dimensions	Unit	HeightxWidthxDepth	mm	289x780x215		289x780x215	
Weight	Unit		kg	7		7	
Fan - Air flow rate	Cooling	High	m^3/min	8.5	9.1	8.5	9.4
	Heating	High	m^3/min	9.5	10.0	9.5	10.4
Sound power level	Cooling	High	dBA	54	57	-	-
	Heating	High	dBA	54	58	-	-
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/19	41/34/26/19	38/32/25/21	42/35/27/21
	Heating	High/Nom./Low/Silent operation	dBA	38/33/28/19	42/35/28/19	38/32/28/21	43/36/29/21
Refrigerant	Type			R-410A		R-410A	
Piping connections	Liquid	OD	mm	-		-	
	Gas	OD	mm	-		-	
	Drain			-		-	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-240	

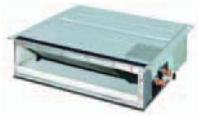
CONNECTABLE INDOOR UNITS									
Indoor unit				FTXS20J	FTXS35J	FTXS42J	FTXS50J	FTXS60G	FTXS71G
Casing	Colour			White					
Dimensions	Unit	HeightxWidthxDepth	mm	295x800x215				290x1,050x250	
Weight	Unit		kg	9	10			12	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	9.4/7.4/5.5/4.1	11.4/8.7/5.8/4.4	11.3/9.0/6.8/5.9	11.6/9.2/7.0/6.0	16.0/13.5/11.3/10.1	17.2/14.5/11.5/10.5
	Heating	High/Nom./Low/Silent operation	m^3/min	9.9/8.2/6.6/6.2	12.4/9.5/6.8/6.0	12.2/9.7/7.3/6.4	12.1/9.8/7.6/6.7	17.2/14.9/12.6/11.3	19.5/16.7/14.2/12.6
Sound power level	Cooling	Nom.	dBA	54	61		62	61	62
	Heating	Nom.	dBA	54	61		63	60	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	45/37/29/23	45/39/33/30	46/40/34/31	45/41/36/33	46/42/37/34
	Heating	High/Nom./Low/Silent operation	dBA	38/33/28/25	45/39/29/26	45/39/33/30	47/41/34/31	44/40/35/32	46/42/37/34
Refrigerant	Type			R-410A					
Piping connections	Liquid	OD	mm	6.35					
	Gas	OD	mm	9.52			12.7		15.9
	Drain			I.D. 14.0/O.D. 18.0				18.0	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240					

CONNECTABLE INDOOR UNITS						
Indoor unit				FTX20JV	FTX25JV	FTX35JV
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	283x770x198		
Weight	Unit		kg	7		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	9.1/7.4/5.9/4.7	9.2/7.6/6.0/4.8	9.3/7.7/6.1/4.9
	Heating	High/Nom./Low/Silent operation	m^3/min	9.4/7.8/6.3/5.5	9.7/8.0/6.3/5.5	10.1/8.4/6.7/5.7
Sound power level	Cooling	Nom.	dBA	55	56	57
	Heating	Nom.	dBA	55	56	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	39/33/25/22	40/33/26/22	41/34/27/23
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	40/34/28/25	41/35/29/26
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		
	Drain	OD	mm	18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS						
Indoor unit				FVXG25K	FVXG35K	FVXG50K
Casing	Colour			Fresh white (6.5Y 9.5/0.5)		
Dimensions	Unit	HeightxWidthxDepth	mm	600x950x215		
Weight	Unit		kg	22		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5	10.6/8.9/7.3/6.0
	Heating	High/Nom./Low/Silent operation	m^3/min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0	12.2/10.0/7.8/6.8
Sound power level	Cooling	Nom.	dBA	54	55	56
	Heating	Nom.	dBA	55	56	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation/Radiant heat	dBA	39/32/26/22/19	40/33/27/23/19	46/40/34/30/20
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.50		12.70
	Drain			18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit				FVXS25F	FVXS35F	FVXS50F
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210		
Weight	Unit		kg	14		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5	10.7/9.2/7.8/6.6
	Heating	High/Nom./Low/Silent operation	m^3/min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7	11.8/10.1/8.5/7.1
Sound power level	Cooling	High	dBA	54	55	56
	Heating	High	dBA	54	55	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	45/40/36/32
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.7
	Drain			20		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		



CONNECTABLE INDOOR UNITS							
Indoor unit				FDXS25E	FDXS35E	FDXS50C	FDXS60C
Casing	Colour			Unpainted			
Dimensions	Unit	HeightxWidthxDepth	mm	200x700x620		200x900x620	200x1,100x620
Weight	Unit		kg	21.0		27.0	30.0
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
	Heating	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
Fan - External static pressure	Nom.		Pa	30		40	
Sound power level	Cooling	High	dBA	53.0		55.0	56.0
	Heating	High	dBA	53.0		55.0	56.0
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
	Heating	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			VP20 (I.D. 20/O.D. 26)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			

CONNECTABLE INDOOR UNITS							
Indoor unit				FLXS25B	FLXS35B	FLXS50B	FLXS60B
Casing	Colour			Almond white			
Dimensions	Unit	HeightxWidthxDepth	mm	490x1,050x200			
Weight	Unit		kg	16		17	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	7.6/6.8/6.0/5.2	8.6/7.6/6.6/5.6	11.4/10.0/8.5/7.5	12.0/10.7/9.3/8.3
	Heating	High/Nom./Low/Silent operation	m^3/min	9.2/8.3/7.4/6.6	9.8/8.9/8.0/7.2	12.1/9.8/7.5/6.8	12.8/10.6/8.4/7.5
Sound power level	Cooling	High	dBA	53	54	63	64
	Heating	High	dBA	53	55	62	63
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/34/31/28	38/35/32/29	47/43/39/36	48/45/41/39
	Heating	High/Nom./Low/Silent operation	dBA	37/34/31/29	39/36/33/30	46/41/35/33	47/42/37/34
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			18			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			

CONNECTABLE INDOOR UNITS				
Indoor unit				FDBQ25B
Casing	Colour			Unpainted
Dimensions	Unit	HeightxWidthxDepth	mm	230x652x502
Weight	Unit		kg	17.0
Fan - Air flow rate	Cooling	High/Low	m^3/min	6.50/5.20
	Heating	High/Low	m^3/min	6.95/5.20
Sound power level	Cooling	High/Low	dBA	55.0/49.0
	Heating	High/Low	dBA	55.0/49.0
Sound pressure level	Cooling	High/Low	dBA	35.0/28.0
	Heating	High/Low	dBA	35.0/29.0
Refrigerant	Type			R-410A
Piping connections	Liquid	OD	mm	6.35
	Gas	OD	mm	9.52
	Drain			27.2
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230

CONNECTABLE INDOOR UNITS						
Indoor unit				*FBQ35C8	*FBQ50C8	*FBQ60C8
Casing	Colour			Unpainted		
Dimensions	Unit	HeightxWidthxDepth	mm	300x700x700		300x1,000x700
Required ceiling void >			mm	350		
Weight	Unit		kg	25		34
Decoration panel	Model			BYBS45DJW1		BYBS71DJW1
	Colour			White (10Y9/0.5)		
	Dimensions	HeightxWidthxDepth	mm	55x800x500		55x1,100x500
	Weight		kg	3.5		4.5
Fan - Air flow rate	Cooling	High/Low	m^3/min	16/11		18/15
	Heating	High/Low	m^3/min	16/11		18/15
Fan - External static pressure	High/Nom.		Pa	100/30		
Sound power level	Cooling	High	dBA	63		57
	Heating	High	dBA	-		
Sound pressure level	Cooling	High/Low	dBA	37/29		
	Heating	High/Low	dBA	37/29		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52	12.70	
	Drain			VP25 (O.D. 32 / I.D. 25)		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

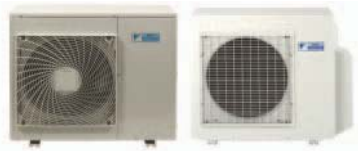
CONNECTABLE INDOOR UNITS						
Indoor units				*FCQG35F	*FCQG50F	*FCQG60F
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		
Weight	Unit		kg	19		
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]		
	Colour			Pure White(RAL 9010)		
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950		
	Weight		kg	5.5 / 5.5 / 11.5		
Sound power level	Cooling	High	dBA	-		
Sound pressure level	Cooling	High/Low	dBA	-		
	Heating	High/Low	dBA	-		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	-		
	Gas	OD	mm	-		
	Drain			-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

[2] Pure white standard panel with grey louvers / [3] Pure white standard panel with white louvers / [4] Pure white auto cleaning panel

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS								
Indoor unit					*FFQ25B9V	*FFQ35B9V	*FFQ50B9V	*FFQ60B9V
Casing	Colour				-			
Dimensions	Unit	HeightxWidthxDepth		mm	286x575x575			
Weight	Unit			kg	17.5			
Decoration panel	Model				BYFQ60BAW1			
	Colour				White			
	Dimensions	HeightxWidthxDepth		mm	55x700x700			
	Weight			kg	2.7			
Fan - Air flow rate	Cooling	High/Low		m^3/min	9.0/6.5	10.0/6.5	12.0/8.0	15.0/10.0
	Heating	High/Low		m^3/min	9.0/6.5	10.0/6.5	12.0/8.0	15.0/10.0
Sound power level	Cooling	High		dBA	46.5	49.0	53.0	58.0
	Heating	High		dBA	-			
Sound pressure level	Cooling	High/Low		dBA	29.5/24.5	32.0/25.0	36.0/27.0	41.0/32.0
	Heating	High/Low		dBA	29.5/24.5	32.0/25.0	36.0/27.0	41.0/32.0
Refrigerant	Type				R-410A			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.52		12.7	
	Drain				26			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230			

CONNECTABLE INDOOR UNITS							
Indoor unit					FHQ35B	FHQ50B	FHQ60B
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	195x960x680		195x1,160x680
Weight	Unit			kg	24	25	27
Fan - Air flow rate	Cooling	High/Low		m^3/min	13/10		17/13
	Heating	High/Low		m^3/min	13/10		16/13
Sound power level	Cooling	High/Low		dBA	53/48	54/49	55/49
	Heating	High/Low		dBA	53/48	54/49	55/49
Sound pressure level	Cooling	High/Low		dBA	37/32	38/33	39/33
	Heating	High/Low		dBA	37/32	38/33	39/33
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.52	12.70	
	Drain				VP20 (I.D. 20/O.D. 26)		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		



NEW

CONNECTABLE OUTDOOR UNITS												
Outdoor unit					2MXS40H	2MXS50H	*3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x826x300	735x826x300			770x900x320	
Weight	Unit			kg	38	42	49	49	58		72	73
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	36/33/30	37/34/34	-/-/-	45/-/45	52.7/49.4/43.5		54.5/-/46.0	57.1/54.5/46.0
	Heating	High/Nom./Low		m^3/min	32/32/32	34/34/34	-/-/-	45/-/41	46.4/44.5/16.3		46.0/-/14.7	52.5/-/14.7
Sound power level	Cooling	High/Nom.		dBA	-/62	-/63	59/-	-/59	-/61		-/62	-/66
Sound pressure level	Cooling	Nom.		dBA	47	48	46	46	48			52
	Heating	Nom.		dBA	48	50	47	47	49			52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46		-10~46	-10~46				
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5		-15~24	-15~15.5				
Refrigerant	Type				R-410A		R-410A	R-410A				
Piping connections	Liquid	OD		mm	6.35		6.35x3	6.35				
	Gas	OD		mm	9.52		9.52x3	9.52				
	Drain	OD		mm	18		-	18			25	
	Level difference	IU - OU	Max.	m	15		15	15				
		IU - IU	Max.	m	7.5		7.5	7.5				
	Heat insulation				Both liquid and gas pipes		-	Both liquid and gas pipes				
	Total piping length	System	Actual	m	30		-	50		60	70	75
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230		1~ / 50 / 230	1~ / 50 / 230				

*Note: grey cells contain preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXS40H*	2.0	2.00	---	1.45	2.00	2.40	0.320	0.450	0.590	4.44	A	225
	2.5	2.50	---	1.45	2.50	3.00	0.320	0.620	0.820	4.03	A	310
	3.5	3.50	---	1.45	3.50	4.00	0.320	1.080	1.410	3.24	A	540
	2.0+2.0	2.00	2.00	1.65	4.00	4.10	0.300	1.090	1.130	3.67	A	545
	2.0+2.5	1.85	2.15	1.65	4.00	4.20	0.300	1.080	1.190	3.70	A	540
	2.0+3.5	1.75	2.25	1.65	4.00	4.40	0.300	1.060	1.310	3.77	A	530
	2.5+2.5	2.00	2.00	1.65	4.00	4.30	0.300	1.070	1.240	3.74	A	535
	2.5+3.5	1.80	2.20	1.65	4.00	4.50	0.300	1.050	1.350	3.81	A	525

Note: For connection to 2.0,2.5,3.5kW wall mounted D,E,G series

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
2MXS40H*	2.0	3.00	---	1.20	3.00	3.70	0.290	0.850	1.270	3.53	B
	2.5	3.40	---	1.20	3.40	4.10	0.290	1.060	1.520	3.21	C
	3.5	3.80	---	1.20	3.80	4.40	0.290	1.290	1.730	2.95	D
	2.0+2.0	2.10	2.10	1.50	4.20	4.60	0.270	1.010	1.170	4.16	A
	2.0+2.5	2.10	2.30	1.50	4.40	4.70	0.270	1.080	1.210	4.07	A
	2.0+3.5	2.00	2.40	1.50	4.40	4.70	0.260	1.060	1.190	4.15	A
	2.5+2.5	2.20	2.20	1.50	4.40	4.70	0.270	1.070	1.200	4.11	A
	2.5+3.5	2.05	2.35	1.50	4.40	4.70	0.260	1.050	1.180	4.19	A

Note: For connection to 2.0,2.5,3.5kW wall mounted D,E,G series

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXS50H*	2.0	2.00	---	1.53	2.00	2.60	0.330	0.470	0.690	4.26	A	235
	2.5	2.50	---	1.53	2.50	3.10	0.330	0.660	0.920	3.79	A	330
	3.5	3.50	---	1.53	3.50	4.00	0.330	1.090	1.420	3.21	A	545
	4.2	4.20	---	1.55	4.20	4.70	0.330	1.530	2.050	2.75	D	765
	5.0	5.00	---	1.57	5.00	5.10	0.330	2.060	2.170	2.43	E	1,030
	2.0+2.0	2.00	2.00	1.81	4.00	4.90	0.330	1.050	1.530	3.81	A	525
	2.0+2.5	2.00	2.50	1.81	4.50	5.00	0.330	1.290	1.600	3.49	A	645
	2.0+3.5	1.82	3.18	1.81	5.00	5.30	0.330	1.560	1.760	3.21	A	780
	2.0+4.2	1.61	3.39	1.81	5.00	5.40	0.330	1.540	1.800	3.25	A	770
	2.0+5.0	1.43	3.57	1.81	5.00	5.40	0.330	1.470	1.720	3.40	A	735
	2.5+2.5	2.50	2.50	1.81	5.00	5.20	0.330	1.560	1.710	3.21	A	780
	2.5+3.5	2.08	2.92	1.81	5.00	5.30	0.330	1.530	1.760	3.27	A	765
	2.5+4.2	1.87	3.13	1.81	5.00	5.40	0.330	1.500	1.800	3.33	A	750
	2.5+5.0	1.67	3.33	1.81	5.00	5.40	0.330	1.470	1.730	3.40	A	735
	3.5+3.5	2.50	2.50	1.81	5.00	5.30	0.330	1.500	1.720	3.33	A	750
	3.5+4.2	2.27	2.73	1.81	5.00	5.40	0.330	1.470	1.770	3.40	A	735
	3.5+5.0	2.06	2.94	1.81	5.00	5.40	0.330	1.440	1.700	3.47	A	720
	4.2+4.2	2.50	2.50	1.81	5.00	5.40	0.330	1.440	1.730	3.47	A	720

Note: For connection to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
2MXS50H*	2.0	3.00	---	1.21	3.00	3.70	0.270	0.820	1.140	3.66	A
	2.5	3.40	---	1.21	3.40	4.10	0.250	0.980	1.330	3.47	B
	3.5	4.00	---	1.21	4.00	4.60	0.250	1.240	1.530	3.23	C
	4.2	4.70	---	1.21	4.70	5.10	0.250	1.560	1.770	3.01	D
	5.0	5.40	---	1.33	5.40	5.60	0.270	1.830	1.980	2.95	D
	2.0+2.0	2.65	2.65	1.28	5.30	5.70	0.240	1.340	1.530	3.96	A
	2.0+2.5	2.44	3.06	1.28	5.50	5.80	0.240	1.420	1.560	3.87	A
	2.0+3.5	2.04	3.56	1.34	5.60	5.90	0.250	1.440	1.570	3.89	A
	2.0+4.2	1.84	3.86	1.35	5.70	6.00	0.250	1.470	1.590	3.88	A
	2.0+5.0	1.63	4.07	1.39	5.70	6.20	0.250	1.370	1.610	4.16	A
	2.5+2.5	2.80	2.80	1.28	5.60	5.80	0.240	1.450	1.550	3.86	A
	2.5+3.5	2.38	3.32	1.34	5.70	6.00	0.250	1.480	1.640	3.85	A
	2.5+4.2	2.13	3.57	1.35	5.70	6.10	0.250	1.450	1.660	3.93	A
	2.5+5.0	1.90	3.80	1.45	5.70	6.30	0.260	1.360	1.650	4.19	A
	3.5+3.5	2.85	2.85	1.40	5.70	6.10	0.250	1.460	1.650	3.90	A
	3.5+4.2	2.59	3.11	1.41	5.70	6.20	0.250	1.420	1.660	4.01	A
	3.5+5.0	2.35	3.35	1.45	5.70	6.40	0.250	1.350	1.650	4.22	A
	4.2+4.2	2.85	2.85	1.42	5.70	6.30	0.250	1.400	1.680	4.07	A

Note: For connection to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series

* This page contains preliminary data

3MXS40K: no information available yet.

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)			TOTAL CAPACITy (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	Min.	Nom.	Max.	Min.	Nom.	max.			
3MXS52E*	2.0	2.00	---	---	1.76	2.00	2.84	0.350	0. 460	0. 740	4.35	A	230
	2.5	2.50	---	---	1.76	2.50	3.12	0. 350	0. 620	0. 880	4.03	A	310
	3.5	3.50	---	---	1.76	3.50	4.18	0. 350	0. 970	1.290	3.61	A	485
	4.2	4.20	---	---	1.76	4.20	4.70	0. 350	1.240	1.640	3.39	A	620
	5.0	---	---	5.00	1.79	5.00	5.40	0. 350	1.750	2.030	2.86	C	875
	2.0+2.0	2.00	2.00	---	1.88	4.00	5.96	0. 350	0. 950	1.910	4.21	A	475
	2.0+2.5	2.00	2.50	---	1.88	4.50	6.23	0. 350	1.180	2.140	3.81	A	590
	2.0+3.5	1.89	3.31	---	1.88	5.20	6.24	0. 350	1.550	2.070	3.35	A	775
	2.0+4.2	1.68	3.52	---	1.88	5.20	6.25	0. 350	1.550	2.070	3.35	A	775
	2.0+5.0	1.49	---	3.71	1.88	5.20	6.47	0. 350	1.420	2.150	3.66	A	710
	2.5+2.5	2.50	2.50	---	1.88	5.00	6.23	0. 350	1.450	2.140	3.45	A	725
	2.5+3.5	2.17	3.03	---	1.88	5.20	6.35	0. 350	1.550	2.250	3.35	A	775
	2.5+4.2	1.94	3.26	---	1.88	5.20	6.36	0. 350	1.550	2.250	3.35	A	775
	2.5+5.0	1.73	---	3.47	1.88	5.20	6.47	0. 350	1.420	2.070	3.66	A	710
	3.5+3.5	2.60	2.60	---	1.88	5.20	6.40	0. 350	1.550	2.250	3.35	A	775
	3.5+4.2	2.36	2.84	---	1.88	5.20	6.41	0. 350	1.550	2.250	3.35	A	775
	3.5+5.0	2.14	---	3.06	1.88	5.20	6.49	0. 350	1.420	2.090	3.66	A	710
	4.2+4.2	2.60	2.60	---	1.88	5.20	6.42	0. 350	1.550	2.250	3.35	A	775
	2.0+2.0+2.0	1.73	1.73	1.73	1.86	5.19	7.04	0. 350	1.240	2.160	4.19	A	620
	2.0+2.0+2.5	1.60	1.60	1.99	1.86	5.19	7.04	0. 350	1.240	2.160	4.19	A	620
	2.0+2.0+3.5	1.38	1.38	2.43	1.95	5.19	7.06	0. 370	1.240	2.160	4.19	A	620
	2.0+2.0+4.2	1.27	1.27	2.66	1.95	5.20	7.07	0. 370	1.240	2.160	4.19	A	620
	2.0+2.5+2.5	1.49	1.85	1.85	1.86	5.19	7.04	0. 350	1.240	2.160	4.19	A	620
	2.0+2.5+3.5	1.30	1.63	2.27	1.95	5.20	7.06	0. 370	1.240	2.160	4.19	A	620
	2.0+2.5+4.2	1.20	1.49	2.51	1.95	5.20	7.07	0. 370	1.240	2.160	4.19	A	620
	2.0+3.5+3.5	1.16	2.02	2.02	1.95	5.20	7.07	0. 370	1.240	2.160	4.19	A	620
	2.5+2.5+2.5	1.73	1.73	1.73	1.95	5.19	7.04	0. 370	1.240	2.160	4.19	A	620
	2.5+2.5+3.5	1.53	1.53	2.14	1.95	5.20	7.06	0. 370	1.230	2.160	4.23	A	615
	2.0+2.0+5.0	1.16	1.16	2.88	2.11	5.20	7.30	0. 380	1.220	2.260	4.26	A	610

Note: Connected to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)			TOTAL CAPACITY (kW)			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	Min.	Nom.	Max.	Min.	Nom.	max.		
3MXS52E*	2.0	2.72	---	---	1.21	2.72	3.75	0. 300	0. 720	1.200	3.78	A
	2.5	3.40	---	---	1.21	3.40	4.00	0. 300	0. 990	1.260	3.43	B
	3.5	4.20	---	---	1.21	4.20	4.82	0. 300	1.390	1.680	3.02	D
	4.2	4.70	---	---	1.21	4.70	5.87	0. 300	1.700	2.400	2.76	E
	5.0	---	---	5.80	1.33	5.80	6.79	0. 300	2.160	2.590	2.69	E
	2.0+2.0	3.05	3.05	---	1.28	6.10	7.00	0. 310	1.700	2.280	3.59	B
	2.0+2.5	2.78	3.47	---	1.28	6.25	7.00	0. 310	1.750	2.280	3.57	B
	2.0+3.5	2.38	4.17	---	1.34	6.55	7.04	0. 310	1.860	2.280	3.52	B
	2.0+4.2	2.16	4.54	---	1.34	6.70	7.05	0. 310	1.930	2.270	3.47	B
	2.0+5.0	1.94	---	4.86	1.39	6.80	7.20	0. 310	1.870	2.320	3.64	A
	2.5+2.5	3.25	3.25	---	1.28	6.50	7.00	0. 310	1.860	2.310	3.49	B
	2.5+3.5	2.79	3.91	---	1.34	6.70	7.19	0. 310	1.930	2.360	3.47	B
	2.5+4.2	2.54	4.26	---	1.34	6.80	7.21	0. 310	1.930	2.350	3.52	B
	2.5+5.0	2.27	---	4.53	1.45	6.80	7.35	0. 310	1.870	2.320	3.64	A
	3.5+3.5	3.40	3.40	---	1.40	6.80	7.22	0. 310	1.970	2.350	3.45	B
	3.5+4.2	3.09	3.71	---	1.40	6.80	7.24	0. 310	1.970	2.350	3.45	B
	3.5+5.0	2.80	---	4.00	1.45	6.80	7.50	0. 310	1.830	2.310	3.72	A
	4.2+4.2	3.40	3.40	---	1.40	6.80	7.26	0. 310	1.960	2.340	3.47	B
	2.0+2.0+2.0	2.26	2.26	2.26	1.34	6.78	8.02	0. 320	1.570	2.140	4.32	A
	2.0+2.0+2.5	2.09	2.09	2.60	1.34	6.78	8.02	0. 320	1.570	2.140	4.32	A
	2.0+2.0+3.5	1.80	1.80	3.18	1.45	6.78	8.05	0. 320	1.560	2.140	4.35	A
	2.0+2.0+4.2	1.66	1.66	3.48	1.45	6.80	8.06	0. 320	1.560	2.140	4.36	A
	2.0+2.5+2.5	1.94	2.42	2.42	1.34	6.78	8.02	0. 320	1.570	2.140	4.32	A
	2.0+2.5+3.5	1.70	2.13	2.97	1.57	6.80	8.05	0. 320	1.560	2.140	4.36	A
	2.0+2.5+4.2	1.56	1.95	3.28	1.56	6.80	8.06	0. 320	1.560	2.140	4.36	A
	2.0+3.5+3.5	1.52	2.64	2.64	1.56	6.80	8.08	0. 320	1.560	2.140	4.36	A
	2.5+2.5+2.5	2.26	2.26	2.26	1.45	6.78	8.02	0. 320	1.570	2.140	4.32	A
	2.5+2.5+3.5	2.00	2.00	2.80	1.57	6.80	8.05	0. 320	1.560	2.140	4.36	A
	2.0+2.0+5.0	1.51	1.51	3.78	1.67	6.80	8.27	0. 320	1.640	2.110	4.15	A

Note: Connected to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)			TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
3MXS68G*	2.0	2.00	---	---	1.95	2.00	2.63	0.440	0.470	0.620	4.26	A	235
	2.5	2.50	---	---	1.95	2.50	3.37	0.460	0.590	0.850	4.24	A	295
	3.5	3.50	---	---	1.95	3.50	4.76	0.470	0.910	1.470	3.85	A	455
	4.2	4.20	---	---	1.95	4.20	5.02	0.470	1.210	1.620	3.47	A	605
	5.0	---	5.00	---	1.96	5.00	5.91	0.450	1.710	2.200	2.92	C	855
	6.0	---	6.00	---	1.96	6.00	6.38	0.440	2.050	2.320	2.93	C	1,025
	2.0+2.0	2.00	2.00	---	1.97	4.00	5.02	0.430	1.000	1.450	4.00	A	500
	2.0+2.5	2.00	2.50	---	1.97	4.50	5.33	0.430	1.200	1.610	3.75	A	600
	2.0+3.5	2.00	3.50	---	1.97	5.50	6.18	0.420	1.660	2.150	3.31	A	830
	2.0+4.2	2.00	4.20	---	1.97	6.20	6.38	0.420	2.090	2.300	2.97	C	1,045
	2.0+5.0	1.94	4.86	---	1.97	6.80	7.12	0.410	2.410	2.650	2.82	C	1,205
	2.0+6.0	1.70	5.10	---	1.98	6.80	7.56	0.400	2.210	2.750	3.08	B	1,105
	2.5+2.5	2.50	2.50	---	1.97	5.00	5.98	0.450	1.460	2.000	3.42	A	730
	2.5+3.5	2.50	3.50	---	1.97	6.00	6.44	0.430	2.060	2.370	2.91	C	1,030
	2.5+4.2	2.50	4.20	---	1.97	6.70	6.81	0.430	2.540	2.670	2.64	D	1,270
	2.5+5.0	2.27	4.53	---	1.97	6.80	7.23	0.400	2.410	2.750	2.82	C	1,205
	2.5+6.0	2.00	4.80	---	1.98	6.80	7.56	0.380	2.210	2.750	3.08	B	1,105
	3.5+3.5	3.40	3.40	---	1.97	6.80	6.99	0.410	2.510	2.660	2.71	D	1,255
	3.5+4.2	3.09	3.71	---	1.97	6.80	7.10	0.410	2.510	2.760	2.71	D	1,255
	3.5+5.0	2.80	4.00	---	1.97	6.80	7.61	0.380	2.410	3.120	2.82	C	1,205
	3.5+6.0	2.51	4.29	---	2.28	6.80	7.91	0.430	2.210	3.060	3.08	B	1,105
	4.2+4.2	3.40	3.40	---	1.97	6.80	7.00	0.410	2.510	2.660	2.71	D	1,255
	4.2+5.0	3.10	3.70	---	1.97	6.80	7.62	0.380	2.410	3.120	2.82	C	1,205
	4.2+6.0	2.80	4.00	---	2.28	6.80	7.92	0.430	2.210	3.060	3.08	B	1,105
	5.0+5.0	---	3.40	3.40	2.36	6.80	8.06	0.470	2.310	3.350	2.94	C	1,155
	5.0+6.0	---	3.09	3.71	2.49	6.80	8.28	0.480	2.120	3.280	3.21	A	1,060
	2.0+2.0+2.0	2.00	2.00	2.00	1.98	6.00	6.51	0.420	1.640	1.890	3.66	A	820
	2.0+2.0+2.5	2.00	2.00	2.50	1.98	6.50	6.89	0.420	1.890	2.120	3.44	A	945
	2.0+2.0+3.5	1.81	1.81	3.18	1.98	6.80	7.25	0.410	2.070	2.350	3.29	A	1,035
	2.0+2.0+4.2	1.66	1.66	3.48	1.98	6.80	7.46	0.410	2.070	2.500	3.29	A	1,035
	2.0+2.0+5.0	1.51	1.51	3.78	1.98	6.80	7.85	0.390	2.020	2.690	3.37	A	1,010
	2.0+2.0+6.0	1.36	1.36	4.08	2.33	6.80	8.11	0.440	1.830	2.640	3.72	A	915
	2.0+2.5+2.5	1.94	2.43	2.43	1.98	6.80	7.10	0.410	2.070	2.260	3.29	A	1,035
	2.0+2.5+3.5	1.70	2.13	2.97	1.98	6.80	7.59	0.390	2.070	2.590	3.29	A	1,035
	2.0+2.5+4.2	1.56	1.95	3.29	1.98	6.80	7.78	0.390	2.070	2.750	3.29	A	1,035
	2.0+2.5+5.0	1.43	1.79	3.58	1.98	6.80	7.92	0.390	2.020	2.740	3.37	A	1,010
	2.0+2.5+6.0	1.30	1.62	3.88	2.33	6.80	8.38	0.450	1.830	2.840	3.72	A	915
	2.0+3.5+3.5	1.52	2.64	2.64	1.98	6.80	7.91	0.400	2.070	2.850	3.29	A	1,035
	2.0+3.5+4.2	1.40	2.45	2.95	1.98	6.80	8.09	0.400	2.070	3.010	3.29	A	1,035
	2.0+3.5+5.0	1.30	2.27	3.23	2.30	6.80	8.41	0.440	2.020	3.170	3.37	A	1,010
	2.0+4.2+4.2	1.30	2.75	2.75	1.98	6.80	8.21	0.400	2.070	3.110	3.29	A	1,035
	2.5+2.5+2.5	2.26	2.26	2.26	1.98	6.78	7.38	0.410	2.070	2.450	3.28	A	1,035
	2.5+2.5+3.5	2.00	2.00	2.80	1.98	6.80	7.78	0.390	2.070	2.750	3.29	A	1,035
	2.5+2.5+4.2	1.85	1.85	3.10	1.98	6.80	7.96	0.390	2.070	2.900	3.29	A	1,035
	2.5+2.5+5.0	1.70	1.70	3.40	2.30	6.80	8.28	0.440	2.020	3.060	3.37	A	1,010
	2.5+2.5+6.0	1.55	1.55	3.70	2.44	6.80	8.57	0.440	1.830	3.000	3.72	A	915
	2.5+3.5+3.5	1.78	2.51	2.51	2.29	6.80	8.14	0.440	2.070	3.060	3.29	A	1,035
	2.5+3.5+4.2	1.67	2.33	2.80	2.29	6.80	8.26	0.440	2.070	3.170	3.29	A	1,035
	2.5+3.5+5.0	1.55	2.16	3.09	2.51	6.80	8.57	0.460	1.980	3.330	3.43	A	990
	2.5+4.2+4.2	1.56	2.62	2.62	2.29	6.80	8.32	0.440	2.070	3.220	3.29	A	1,035
	3.5+3.5+3.5	2.26	2.26	2.26	2.40	6.78	8.42	0.430	2.070	3.330	3.28	A	1,035

Note: For connection to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series; 6.0kW wall mounted F series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)			TOTAL CAPACITY (kW)			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
3MXS68G*	2.0	2.72	---	---	1.51	2.72	3.93	0.440	0.740	1.270	3.68	A
	2.5	3.40	---	---	1.47	3.40	4.13	0.430	1.030	1.370	3.30	C
	3.5	4.30	---	---	1.48	4.30	4.52	0.410	1.420	1.610	3.03	D
	4.2	4.50	---	---	1.48	4.50	4.71	0.410	1.510	1.720	2.98	D
	5.0	---	5.60	---	1.65	5.60	5.76	0.390	2.130	2.260	2.63	E
	6.0	---	7.90	---	1.92	7.90	8.57	0.410	2.650	2.920	2.98	D
	2.0+2.0	3.25	3.25	---	1.62	6.50	7.64	0.380	1.870	2.250	3.48	B
	2.0+2.5	3.04	3.81	---	1.62	6.85	7.81	0.380	2.050	2.330	3.34	C
	2.0+3.5	2.71	4.74	---	1.76	7.45	8.34	0.390	2.340	2.640	3.18	D
	2.0+4.2	2.58	5.42	---	1.76	8.00	8.68	0.390	2.640	2.890	3.03	D
	2.0+5.0	2.46	6.14	---	2.14	8.60	10.15	0.480	2.800	3.260	3.07	D
	2.0+6.0	2.15	6.45	---	2.41	8.60	10.34	0.510	2.430	2.980	3.54	B
	2.5+2.5	3.60	3.60	---	1.62	7.20	8.16	0.380	2.240	2.560	3.21	C
	2.5+3.5	3.29	4.61	---	1.85	7.90	8.68	0.400	2.580	2.890	3.06	D
	2.5+4.2	3.10	5.20	---	1.85	8.30	8.93	0.400	2.800	3.070	2.96	D
	2.5+5.0	2.87	5.73	---	2.23	8.60	10.27	0.490	2.800	3.360	3.07	D
	2.5+6.0	2.53	6.07	---	2.50	8.60	10.46	0.530	2.430	3.010	3.54	B
	3.5+3.5	4.30	4.30	---	2.13	8.60	9.02	0.450	2.930	3.110	2.94	D
	3.5+4.2	3.91	4.69	---	2.13	8.60	9.11	0.450	2.920	3.160	2.95	D
	3.5+5.0	3.54	5.06	---	2.51	8.60	10.48	0.540	2.790	3.400	3.08	D
	3.5+6.0	3.17	5.43	---	2.69	8.60	10.59	0.550	2.420	3.000	3.55	B
	4.2+4.2	4.30	4.30	---	2.13	8.60	9.19	0.450	2.920	3.200	2.95	D
	4.2+5.0	3.93	4.67	---	2.51	8.60	10.49	0.540	2.790	3.470	3.08	D
	4.2+6.0	3.54	5.06	---	2.69	8.60	10.60	0.540	2.420	3.030	3.55	B
	5.0+5.0	---	4.30	4.30	2.88	8.60	10.67	0.630	2.700	3.380	3.19	D
	5.0+6.0	---	3.91	4.69	3.08	8.60	10.66	0.640	2.390	2.960	3.60	B
	2.0+2.0+2.0	2.63	2.63	2.63	1.97	7.89	10.04	0.440	2.050	2.700	3.85	A
	2.0+2.0+2.5	2.54	2.54	3.17	2.06	8.25	10.12	0.450	2.180	2.740	3.78	A
	2.0+2.0+3.5	2.29	2.29	4.02	2.26	8.60	10.22	0.470	2.340	2.880	3.68	A
	2.0+2.0+4.2	2.10	2.10	4.40	2.26	8.60	10.22	0.470	2.340	2.880	3.68	A
	2.0+2.0+5.0	1.91	1.91	4.78	2.66	8.60	10.40	0.580	2.340	2.960	3.68	A
	2.0+2.0+6.0	1.72	1.72	5.16	2.87	8.60	10.53	0.580	2.120	2.670	4.06	A
	2.0+2.5+2.5	2.46	3.07	3.07	2.16	8.60	10.13	0.460	2.350	2.840	3.66	A
	2.0+2.5+3.5	2.15	2.69	3.76	2.35	8.60	10.22	0.490	2.340	2.880	3.68	A
	2.0+2.5+4.2	1.98	2.47	4.15	2.36	8.60	10.23	0.490	2.340	2.870	3.68	A
	2.0+2.5+5.0	1.81	2.26	4.53	2.75	8.60	10.63	0.600	2.320	2.990	3.71	A
	2.0+2.5+6.0	1.64	2.05	4.91	2.96	8.60	10.64	0.600	2.100	2.640	4.10	A
	2.0+3.5+3.5	1.92	3.34	3.34	2.64	8.60	10.35	0.550	2.310	2.930	3.72	A
	2.0+3.5+4.2	1.77	3.10	3.72	2.64	8.60	10.35	0.550	2.310	2.920	3.72	A
	2.0+3.5+5.0	1.64	2.87	4.09	2.94	8.60	10.68	0.620	2.290	3.060	3.76	A
	2.0+4.2+4.2	1.65	3.47	3.47	2.64	8.60	10.36	0.550	2.310	2.920	3.72	A
	2.5+2.5+2.5	2.86	2.86	2.86	2.26	8.58	10.24	0.480	2.350	2.870	3.65	A
	2.5+2.5+3.5	2.53	2.53	3.54	2.45	8.60	10.45	0.510	2.340	2.960	3.68	A
	2.5+2.5+4.2	2.34	2.34	3.93	2.45	8.60	10.46	0.510	2.340	2.960	3.68	A
	2.5+2.5+5.0	2.15	2.15	4.30	2.85	8.60	10.64	0.620	2.290	3.020	3.76	A
	2.5+2.5+6.0	1.95	1.95	4.70	3.06	8.60	10.65	0.620	2.080	2.640	4.13	A
	2.5+3.5+3.5	2.26	3.17	3.17	2.73	8.60	10.58	0.560	2.310	2.960	3.72	A
	2.5+3.5+4.2	2.11	2.95	3.54	2.74	8.60	10.59	0.560	2.310	2.950	3.72	A
	2.5+3.5+5.0	1.95	2.74	3.91	3.13	8.60	10.65	0.640	2.290	2.980	3.76	A
	2.5+4.2+4.2	1.97	3.31	3.31	2.74	8.60	10.59	0.560	2.310	2.950	3.72	A
	3.5+3.5+3.5	2.86	2.86	2.86	2.92	8.58	10.63	0.610	2.290	3.030	3.75	A

Note: For connection to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series; 6.0kW wall mounted F series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
4MXS68F*	2.0	2.00	---	---	---	1.95	2.00	2.63	0.440	0.470	0.620	4.26	A	235
	2.5	2.50	---	---	---	1.95	2.50	3.37	0.460	0.590	0.850	4.24	A	295
	3.5	3.50	---	---	---	1.95	3.50	4.76	0.470	0.910	1.470	3.85	A	455
	4.2	4.20	---	---	---	1.95	4.20	5.02	0.470	1.210	1.620	3.47	A	605
	5.0	---	---	5.00	---	1.96	5.00	5.91	0.450	1.710	2.200	2.92	C	855
	6.0	---	---	6.00	---	1.96	6.00	6.38	0.440	2.050	2.320	2.93	C	1,025
	2.0+2.0	2.00	2.00	---	---	1.97	4.00	5.02	0.430	1.000	1.450	4.00	A	500
	2.0+2.5	2.00	2.50	---	---	1.97	4.50	5.33	0.430	1.200	1.610	3.75	A	600
	2.0+3.5	2.00	3.50	---	---	1.97	5.50	6.18	0.420	1.660	2.150	3.31	A	830
	2.0+4.2	2.00	4.20	---	---	1.97	6.20	6.38	0.420	2.090	2.300	2.97	C	1,045
	2.0+5.0	1.94	---	4.86	---	1.97	6.80	7.12	0.410	2.410	2.650	2.82	C	1,205
	2.0+6.0	1.70	---	5.10	---	1.98	6.80	7.56	0.400	2.210	2.750	3.08	B	1,105
	2.5+2.5	2.50	2.50	---	---	1.97	5.00	5.98	0.450	1.460	2.000	3.42	A	730
	2.5+3.5	2.50	3.50	---	---	1.97	6.00	6.44	0.430	2.060	2.370	2.91	C	1,030
	2.5+4.2	2.50	4.20	---	---	1.97	6.70	6.81	0.430	2.540	2.670	2.64	D	1,270
	2.5+5.0	2.27	---	4.53	---	1.97	6.80	7.23	0.400	2.410	2.750	2.82	C	1,205
	2.5+6.0	2.00	---	4.80	---	1.98	6.80	7.56	0.380	2.210	2.750	3.08	B	1,105
	3.5+3.5	3.40	3.40	---	---	1.97	6.80	6.99	0.410	2.510	2.660	2.71	D	1,255
	3.5+4.2	3.09	3.71	---	---	1.97	6.80	7.10	0.410	2.510	2.760	2.71	D	1,255
	3.5+5.0	2.80	---	4.00	---	1.97	6.80	7.61	0.380	2.410	3.120	2.82	C	1,205
	3.5+6.0	2.51	---	4.29	---	2.28	6.80	7.91	0.430	2.210	3.060	3.08	B	1,105
	4.2+4.2	3.40	3.40	---	---	1.97	6.80	7.00	0.410	2.510	2.660	2.71	D	1,255
	4.2+5.0	3.10	3.70	---	---	1.97	6.80	7.62	0.380	2.410	3.120	2.82	C	1,205
	4.2+6.0	2.80	4.00	---	---	2.28	6.80	7.92	0.430	2.210	3.060	3.06	B	1,105
	5.0+5.0	---	---	3.40	3.40	2.36	6.80	8.06	0.470	2.310	3.350	2.94	C	1,155
	5.0+6.0	---	---	3.09	3.71	2.49	6.80	8.28	0.480	2.120	3.280	3.21	A	1,060
	2.0+2.0+2.0	2.00	2.00	2.00	---	1.98	6.00	6.51	0.420	1.640	1.890	3.66	A	820
	2.0+2.0+2.5	2.00	2.00	2.50	---	1.98	6.50	6.89	0.420	1.890	2.120	3.44	A	945
	2.0+2.0+3.5	1.81	1.81	3.18	---	1.98	6.80	7.25	0.410	2.070	2.350	3.29	A	1,035
	2.0+2.0+4.2	1.66	1.66	3.48	---	1.98	6.80	7.46	0.410	2.070	2.500	3.29	A	1,035
	2.0+2.0+5.0	1.51	1.51	3.78	---	1.98	6.80	7.85	0.390	2.020	2.690	3.37	A	1,010
	2.0+2.0+6.0	1.36	1.36	4.08	---	2.33	6.80	8.11	0.440	1.830	2.640	3.72	A	915
	2.0+2.5+2.5	1.94	2.43	2.43	---	1.98	6.80	7.10	0.410	2.070	2.260	3.29	A	1,035
	2.0+2.5+3.5	1.70	2.13	2.97	---	1.98	6.80	7.59	0.390	2.070	2.590	3.29	A	1,035
	2.0+2.5+4.2	1.56	1.95	3.29	---	1.98	6.80	7.78	0.390	2.070	2.750	3.29	A	1,035
	2.0+2.5+5.0	1.43	1.79	3.58	---	1.98	6.80	7.92	0.390	2.020	2.740	3.37	A	1,010
	2.0+2.5+6.0	1.30	1.62	3.88	---	2.33	6.80	8.38	0.450	1.830	2.840	3.72	A	915
	2.0+3.5+3.5	1.52	2.64	2.64	---	1.98	6.80	7.91	0.400	2.070	2.850	3.29	A	1,035
	2.0+3.5+4.2	1.40	2.45	2.95	---	1.98	6.80	8.09	0.400	2.070	3.010	3.29	A	1,035
	2.0+3.5+5.0	1.30	2.27	3.23	---	2.30	6.80	8.41	0.440	2.020	3.170	3.37	A	1,010
	2.0+4.2+4.2	1.30	2.75	2.75	---	1.98	6.80	8.21	0.400	2.070	3.110	3.29	A	1,035
	2.5+2.5+2.5	2.26	2.26	2.26	---	1.98	6.78	7.38	0.410	2.070	2.450	3.28	A	1,035
	2.5+2.5+3.5	2.00	2.00	2.80	---	1.98	6.80	7.78	0.390	2.070	2.750	3.29	A	1,035
	2.5+2.5+4.2	1.85	1.85	3.10	---	1.98	6.80	7.96	0.390	2.070	2.900	3.29	A	1,035
	2.5+2.5+5.0	1.70	1.70	3.40	---	2.30	6.80	8.28	0.440	2.020	3.060	3.37	A	1,010
	2.5+2.5+6.0	1.55	1.55	3.70	---	2.44	6.80	8.57	0.440	1.830	3.000	3.72	A	915
	2.5+3.5+3.5	1.78	2.51	2.51	---	2.29	6.80	8.14	0.440	2.070	3.060	3.29	A	1,035
	2.5+3.5+4.2	1.67	2.33	2.80	---	2.29	6.80	8.26	0.440	2.070	3.170	3.29	A	1,035
	2,5+3,5+5,0	1.55	2.16	3.09	---	2.51	6.80	8.57	0.460	1.980	3.330	3.43	A	990
	2,5+4,2+4,2	1.56	2.62	2.62	---	2.29	6.80	8.32	0.440	2.070	3.220	3.29	A	1,035
	3,5+3,5+3,5	2.26	2.26	2.26	---	2.40	6.78	8.42	0.430	2.070	3.330	3.28	A	1,035
	2.0+2.0+2.0+2.0	1.70	1.70	1.70	1.70	1.99	6.80	7.63	0.410	1.750	2.190	3.89	A	875
	2.0+2.0+2.0+2.5	1.60	1.60	1.60	2.00	1.99	6.80	7.79	0.390	1.730	2.290	3.93	A	865
	2.0+2.0+2.0+3.5	1.43	1.43	1.43	2.51	1.99	6.80	8.17	0.400	1.710	2.530	3.98	A	855
	2.0+2.0+2.0+4.2	1.33	1.33	1.33	2.81	1.99	6.80	8.32	0.400	1.710	2.630	3.98	A	855
	2.0+2.0+2.0+5.0	1.24	1.24	1.24	3.08	2.47	6.80	8.74	0.460	1.670	2.930	4.07	A	835
	2.0+2.0+2.5+2.5	1.89	1.89	1.89	1.89	1.99	6.80	7.94	0.400	1.750	2.380	3.89	A	875
	2.0+2.0+2.5+3.5	1.70	1.70	1.70	2.38	2.34	6.80	8.32	0.450	1.730	2.630	3.93	A	865
	2.0+2.0+2.5+4.2	1.59	1.59	1.59	2.67	2.34	6.80	8.47	0.450	1.730	2.740	3.93	A	865
	2.0+2.0+3.5+3.5	2.16	2.16	2.16	2.16	2.46	6.80	8.61	0.450	1.710	2.840	3.98	A	855
	2.0+2.5+2.5+2.5	1.79	1.79	1.79	1.79	1.99	6.80	8.17	0.400	1.750	2.530	3.89	A	875
	2.0+2.5+2.5+3.5	1.62	1.62	1.62	2.26	2.34	6.80	8.46	0.450	1.730	2.740	3.93	A	865
	2.5+2.5+2.5+2.5	1.70	1.70	1.70	1.70	2.34	6.80	8.39	0.460	1.710	2.680	3.98	A	855
	2.5+2.5+2.5+3.5	1.55	1.55	1.55	2.15	2.46	5.80	8.73	0.460	1.700	2.950	4.00	A	850

Note: For connection to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series; 6.0kW wall mounted F series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
4MXS68F*	2.0	2.72	---	---	---	1.51	2.72	3.93	0.440	0.740	1.270	3.68	A
	2.5	3.40	---	---	---	1.47	3.40	4.13	0.430	1.030	1.370	3.30	C
	3.5	4.30	---	---	---	1.48	4.30	4.52	0.410	1.420	1.610	3.03	D
	4.2	4.50	---	---	---	1.48	4.50	4.71	0.410	1.510	1.720	2.98	D
	5.0	---	---	5.60	---	1.65	5.60	5.76	0.390	2.130	2.260	2.63	E
	6.0	---	---	7.90	---	1.92	7.90	8.57	0.410	2.650	2.920	2.98	D
	2.0+2.0	3.25	3.25	---	---	1.62	6.50	7.64	0.380	1.870	2.250	3.48	B
	2.0+2.5	3.04	3.81	---	---	1.62	6.85	7.81	0.380	2.050	2.330	3.34	C
	2.0+3.5	2.71	4.74	---	---	1.76	7.45	8.34	0.390	2.340	2.640	3.18	D
	2.0+4.2	2.58	5.42	---	---	1.76	8.00	8.68	0.390	2.640	2.890	3.03	D
	2.0+5.0	2.46	---	6.14	---	2.14	8.60	10.15	0.480	2.800	3.260	3.07	D
	2.0+6.0	2.15	---	6.45	---	2.41	8.60	10.34	0.510	2.430	2.980	3.54	B
	2.5+2.5	3.60	3.60	---	---	1.62	7.20	8.16	0.380	2.240	2.560	3.21	C
	2.5+3.5	3.29	4.61	---	---	1.85	7.90	8.68	0.400	2.580	2.890	3.06	D
	2.5+4.2	3.10	5.20	---	---	1.85	8.30	8.93	0.400	2.800	3.070	2.96	D
	2.5+5.0	2.87	---	5.73	---	2.23	8.60	10.27	0.490	2.800	3.360	3.07	D
	2.5+6.0	2.53	---	6.07	---	2.50	8.60	10.46	0.530	2.430	3.010	3.54	B
	3.5+3.5	4.30	4.30	---	---	2.13	8.60	9.02	0.450	2.930	3.110	2.94	D
	3.5+4.2	3.91	4.69	---	---	2.13	8.60	9.11	0.450	2.920	3.160	2.95	D
	3.5+5.0	3.54	---	5.06	---	2.51	8.60	10.48	0.540	2.790	3.400	3.08	D
	3.5+6.0	3.17	---	5.43	---	2.69	8.60	10.59	0.550	2.420	3.000	3.55	B
	4.2+4.2	4.30	4.30	---	---	2.13	8.60	9.19	0.450	2.920	3.200	2.95	D
	4.2+5.0	3.93	4.67	---	---	2.51	8.60	10.49	0.540	2.790	3.470	3.08	D
	4.2+6.0	3.54	5.06	---	---	2.69	8.60	10.60	0.540	2.420	3.030	3.55	B
	5.0+5.0	---	---	4.30	4.30	2.88	8.60	10.67	0.630	2.700	3.380	3.19	D
	5.0+6.0	---	---	3.91	4.69	3.08	8.60	10.66	0.640	2.390	2.960	3.60	B
	2.0+2.0+2.0	2.63	2.63	2.63	---	1.97	7.89	10.04	0.440	2.050	2.700	3.85	A
	2.0+2.0+2.5	2.54	2.54	3.17	---	2.06	8.25	10.12	0.450	2.180	2.740	3.78	A
	2.0+2.0+3.5	2.29	2.29	4.02	---	2.26	8.60	10.22	0.470	2.340	2.880	3.68	A
	2.0+2.0+4.2	2.10	2.10	4.40	---	2.26	8.60	10.22	0.470	2.340	2.880	3.68	A
	2.0+2.0+5.0	1.91	1.91	4.78	---	2.66	8.60	10.40	0.580	2.340	2.960	3.68	A
	2.0+2.0+6.0	1.72	1.72	5.16	---	2.87	8.60	10.53	0.580	2.120	2.670	4.06	A
	2.0+2.5+2.5	2.46	3.07	3.07	---	2.16	8.60	10.13	0.460	2.350	2.840	3.66	A
	2.0+2.5+3.5	2.15	2.69	3.76	---	2.35	8.60	10.22	0.490	2.340	2.880	3.68	A
	2.0+2.5+4.2	1.98	2.47	4.15	---	2.36	8.60	10.23	0.490	2.340	2.870	3.68	A
	2.0+2.5+5.0	1.81	2.26	4.53	---	2.75	8.60	10.63	0.600	2.320	2.990	3.71	A
	2.0+2.5+6.0	1.64	2.05	4.91	---	2.96	8.60	10.64	0.600	2.100	2.640	4.10	A
	2.0+3.5+3.5	1.92	3.34	3.34	---	2.64	8.60	10.35	0.550	2.310	2.930	3.72	A
	2.0+3.5+4.2	1.77	3.10	3.72	---	2.64	8.60	10.35	0.550	2.310	2.920	3.72	A
	2.0+3.5+5.0	1.64	2.87	4.09	---	2.94	8.60	10.68	0.620	2.290	3.060	3.76	A
	2.0+4.2+4.2	1.65	3.47	3.47	---	2.64	8.60	10.36	0.550	2.310	2.920	3.72	A
	2.5+2.5+2.5	2.86	2.86	2.86	---	2.26	8.58	10.24	0.480	2.350	2.870	3.65	A
	2.5+2.5+3.5	2.53	2.53	3.54	---	2.45	8.60	10.45	0.510	2.340	2.960	3.68	A
	2.5+2.5+4.2	2.34	2.34	3.93	---	2.45	8.60	10.46	0.510	2.340	2.960	3.68	A
	2.5+2.5+5.0	2.15	2.15	4.30	---	2.85	8.60	10.64	0.620	2.290	3.020	3.76	A
	2.5+2.5+6.0	1.95	1.95	4.70	---	3.06	8.60	10.65	0.620	2.080	2.640	4.13	A
	2.5+3.5+3.5	2.26	3.17	3.17	---	2.73	8.60	10.58	0.560	2.310	2.960	3.72	A
	2.5+3.5+4.2	2.11	2.95	3.54	---	2.74	8.60	10.59	0.560	2.310	2.950	3.72	A
	2.5+3.5+5.0	1.95	2.74	3.91	---	3.13	8.60	10.65	0.640	2.290	2.980	3.76	A
	2.5+4.2+4.2	1.97	3.31	3.31	---	2.74	8.60	10.59	0.560	2.310	2.950	3.72	A
	3.5+3.5+3.5	2.86	2.86	2.86	---	2.92	8.58	10.63	0.610	2.290	3.030	3.75	A
	2.0+2.0+2.0+2.0	2.15	2.15	2.15	2.15	2.42	8.60	10.39	0.520	1.910	2.610	4.50	A
	2.0+2.0+2.0+2.5	2.02	2.02	2.02	2.54	2.52	8.60	10.48	0.530	1.910	2.570	4.50	A
	2.0+2.0+2.0+3.5	1.81	1.81	1.81	3.17	2.72	8.60	10.58	0.570	1.900	2.630	4.53	A
	2.0+2.0+2.0+4.2	1.69	1.69	1.69	3.54	2.73	8.60	10.59	0.560	1.900	2.630	4.53	A
	2.0+2.0+2.0+5.0	1.56	1.56	1.56	3.92	3.04	8.60	10.65	0.630	1.860	2.540	4.62	A
	2.0+2.0+2.5+2.5	1.91	1.91	2.39	2.39	2.62	8.60	10.49	0.550	1.910	2.570	4.50	A
	2.0+2.0+2.5+3.5	1.72	1.72	2.15	3.01	2.92	8.60	10.59	0.600	1.900	2.630	4.53	A
	2.0+2.0+2.5+4.2	1.61	1.61	2.01	3.38	2.92	8.60	10.59	0.600	1.900	2.630	4.53	A
	2.0+2.0+3.5+3.5	1.56	1.56	2.74	2.74	3.12	8.60	10.69	0.650	1.900	2.660	4.53	A
	2.0+2.5+2.5+2.5	1.82	2.26	2.26	2.26	2.72	8.60	10.49	0.570	1.910	2.570	4.50	A
	2.0+2.5+2.5+3.5	1.64	2.05	2.05	2.86	3.02	8.60	10.68	0.630	1.900	2.670	4.53	A
	2.5+2.5+2.5+2.5	2.15	2.15	2.15	2.15	2.82	8.60	10.67	0.570	1.910	2.590	4.50	A
	2.5+2.5+2.5+3.5	1.95	1.95	1.95	2.75	3.12	8.60	10.68	0.640	1.880	2.580	4.57	A

Note: For connection to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series; 6.0kW wall mounted F series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY			POWER INPUT (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
4MXS80E*	2.0	2.00	---	---	---	1.80	2.00	2.99	0.45	0.61	1.10	3.28	A	305
	2.5	2.50	---	---	---	1.87	2.50	3.52	0.49	0.78	1.33	3.21	A	390
	3.5	3.50	---	---	---	1.91	3.50	4.80	0.49	1.19	1.82	2.94	C	595
	4.2	4.20	---	---	---	1.99	4.20	5.26	0.53	1.52	1.92	2.76	D	760
	5.0	5.00	---	---	---	2.07	5.00	5.70	0.49	1.82	2.08	2.75	D	910
	6.0	6.00	---	---	---	2.17	6.00	6.60	0.50	1.99	2.38	3.02	B	995
	7.1	7.10	---	---	---	2.28	7.10	7.37	0.50	2.69	2.88	2.64	D	1,345
	2.0+2.0	2.00	2.00	---	---	1.97	4.00	5.30	0.50	1.23	1.67	3.25	A	615
	2.0+2.5	2.00	2.50	---	---	2.02	4.50	5.73	0.50	1.38	1.77	3.26	A	690
	2.0+3.5	2.00	3.50	---	---	2.12	5.50	6.31	0.50	1.77	2.44	3.11	B	885
	2.0+4.2	2.00	4.20	---	---	2.19	6.20	7.13	0.50	2.21	2.56	2.81	C	1,105
	2.0+5.0	2.00	5.00	---		2.27	7.00	7.30	0.51	2.51	2.76	2.79	D	1,255
	2.0+6.0	1.83	5.48	---	---	2.41	7.31	7.90	0.55	2.48	2.87	2.95	C	1,240
	2.0+7.1	1.66	5.90	---	---	2.56	7.56	8.45	0.59	2.67	3.29	2.83	C	1,335
	2.5+2.5	2.50	2.50	---	---	2.07	5.00	6.12	0.46	1.47	2.44	3.40	A	735
	2.5+3.5	2.50	3.50	---	---	2.17	6.00	6.60	0.50	1.99	2.38	3.02	B	995
	2.5+4.2	2.50	4.20	---	---	2.24	6.70	7.11	0.50	2.44	2.63	2.75	D	1,220
	2.5+5.0	2.40	4.79	---	---	2.34	7.19	7.59	0.54	2.64	2.96	2.72	D	1,320
	2.5+6.0	2.18	5.24	---	---	2.48	7.42	8.16	0.59	2.60	3.07	2.85	C	1,300
	2.5+7.1	2.00	5.68	---	---	2.63	7.68	8.66	0.59	2.74	3.43	2.80	C	1,370
	3.5+3.5	3.50	3.50	---	---	2.27	7.00	7.30	0.50	2.63	2.88	2.66	D	1,315
	3.5+4.2	3.29	3.95	---	---	2.37	7.24	7.73	0.54	2.82	3.08	2.57	E	1,410
	3.5+5.0	3.06	4.36	---	---	2.48	7.42	8.16	0.58	2.83	3.37	2.62	D	1,415
	3.5+6.0	2.82	4.83	---	---	2.61	7.65	8.62	0.59	2.74	4.11	2.79	D	1,370
	3.5+7.1	2.61	5.30	---	---	2.77	7.91	8.31	0.63	2.87	3.15	2.76	D	1,435
	4.2+4.2	3.70	3.70	---	---	2.46	7.40	8.11	0.58	2.88	3.42	2.57	E	1,440
	4.2+5.0	3.46	4.12	---	---	2.57	7.58	8.48	0.58	2.96	3.59	2.56	E	1,480
	4.2+6.0	3.22	4.60	---	---	2.71	7.82	8.89	0.63	2.80	3.66	2.79	D	1,400
	4.2+7.1	2.97	5.03	---	---	2.86	8.00	8.98	0.67	2.94	3.67	2.72	D	1,470
	5.0+5.0	3.88	3.88	---	---	2.68	7.76	8.66	0.62	2.98	3.62	2.60	D	1,490
	5.0+6.0	3.64	4.36	---	---	2.82	8.00	9.14	0.67	2.88	3.69	2.78	D	1,440
	5.0+7.1	3.31	4.69	---	---	2.97	8.00	9.35	0.67	2.82	3.85	2.84	C	1,410
	6.0+6.0	4.00	4.00	---	---	2.96	8.00	9.39	0.67	2.65	3.60	3.02	B	1,325
	6.0+7.1	3.66	4.34	---	---	3.11	8.00	9.55	0.71	2.58	3.76	3.10	B	1,290
	7.1+7.1	4.00	4.00	---	---	3.26	8.00	9.60	0.75	2.51	3.77	3.19	B	1,255
	2.0+2.0+2.0	2.00	2.00	2.00	---	2.17	6.00	6.63	0.52	1.73	2.12	3.47	A	865
	2.0+2.0+2.5	2.00	2.00	2.50	---	2.22	6.50	6.95	0.52	2.00	2.29	3.25	A	1,000
	2.0+2.0+3.5	1.92	1.92	3.35	---	2.34	7.19	7.61	0.55	2.42	2.67	2.97	C	1,210
	2.0+2.0+4.2	1.80	1.80	3.75	---	2.44	7.35	8.01	0.55	2.54	2.87	2.89	C	1,270
	2.0+2.0+5.0	1.68	1.68	4.18	---	2.55	7.54	8.40	0.59	2.55	3.17	2.96	C	1,275
	2.0+2.0+6.0	1.55	1.55	4.67	---	2.68	7.77	8.82	0.60	2.45	3.14	3.17	B	1,225
	2.0+2.0+7.1	1.44	1.44	5.12	---	2.83	8.00	9.18	0.64	2.58	3.45	3.10	B	1,290
	2.0+2.5+2.5	2.00	2.50	2.50	---	2.27	7.00	7.30	0.52	2.29	2.48	3.06	B	1,145
	2.0+2.5+3.5	1.83	2.28	3.20	---	2.41	7.31	7.90	0.55	2.48	2.87	2.95	C	1,240
	2.0+2.5+4.2	1.72	2.15	3.60	---	2.50	7.47	8.26	0.59	2.61	3.01	2.86	C	1,305
	2.0+2.5+5.0	1.61	2.01	4.03	---	2.61	7.65	8.62	0.59	2.62	3.31	2.92	C	1,310
	2.0+2.5+6.0	1.50	1.88	4.50	---	2.75	7.88	8.99	0.64	2.51	3.29	3.14	B	1,255
	2.0+2.5+7.1	1.38	1.72	4.90	---	2.90	8.00	9.30	0.67	2.58	3.53	3.10	B	1,290
	2.0+3.5+3.5	1.68	2.93	2.93	---	2.55	7.54	8.40	0.59	2.67	3.22	2.82	C	1,335
	2.0+3.5+4.2	1.59	2.78	3.33	---	2.64	7.70	8.70	0.63	2.74	3.37	2.81	C	1,370
	2.0+3.5+5.0	1.50	2.63	3.75	---	2.75	7.88	8.99	0.63	2.75	3.61	2.87	C	1,375
	2.0+3.5+6.0	1.39	2.43	4.18	---	2.89	8.00	9.28	0.67	2.58	3.52	3.10	B	1,290
	2.0+3.5+7.1	1.27	2.22	4.51	---	3.04	8.00	9.10	0.67	2.51	3.30	3.19	B	1,255
	2.0+4.2+4.2	1.52	3.17	3.17	---	2.74	7.86	8.99	0.63	2.74	3.66	2.87	C	1,370
	2.0+4.2+5.0	1.43	3.00	3.57	---	2.85	8.00	9.23	0.67	2.75	3.77	2.91	C	1,375
	2.0+4.2+6.0	1.32	2.75	3.93	---	2.98	8.00	9.45	0.67	2.51	3.60	3.19	B	1,255
	2.0+4.2+7.1	1.20	2.53	4.27	---	3.14	8.00	9.60	0.71	2.52	3.69	3.17	B	1,260
	2.0+5.0+5.0	1.34	3.33	3.33	---	2.96	8.00	9.39	0.67	2.76	3.80	2.90	C	1,380
	2.0+5.0+6.0	1.23	3.08	3.69	---	3.09	8.00	9.54	0.71	2.46	3.63	3.25	A	1,230
	2.0+5.0+7.1	1.13	2.84	4.03	---	3.25	8.00	9.60	0.71	2.39	3.63	3.35	A	1,195
	2.0+6.0+6.0	1.14	3.43	3.43	---	3.23	8.00	9.60	0.72	2.28	3.37	3.51	A	1,140
	2.5+2.5+2.5	2.40	2.40	2.40	---	2.34	7.20	7.61	0.55	2.42	2.67	2.98	C	1,210
	2.5+2.5+3.5	2.18	2.18	3.06	---	2.48	7.42	8.16	0.59	2.54	3.08	2.92	C	1,270
	2.5+2.5+4.2	2.06	2.06	3.46	---	2.57	7.58	8.49	0.59	2.67	3.29	2.84	C	1,335
	2.5+2.5+5.0	1.94	1.94	3.89	---	2.68	7.77	8.82	0.63	2.68	3.46	2.90	C	1,340
	2.5+2.5+6.0	1.82	1.82	4.36	---	2.82	8.00	9.15	0.64	2.58	3.45	3.10	B	1,290
	2.5+2.5+7.1	1.65	1.65	4.70	---	2.97	8.00	9.41	0.67	2.51	3.61	3.19	B	1,255
	2.5+3.5+3.5	2.01	2.82	2.82	---	2.61	7.65	8.34	0.59	2.74	3.01	2.79	D	1,370
	2.5+3.5+4.2	1.92	2.68	3.22	---	2.71	7.82	8.89	0.63	2.80	3.44	2.79	D	1,400
	2.5+3.5+5.0	1.81	2.55	3.64	---	2.82	8.00	9.15	0.67	2.82	3.69	2.84	C	1,410
	2.5+3.5+6.0	1.67	2.33	4.00	---	2.96	8.00	9.39	0.67	2.58	3.60	3.10	B	1,290
	2.5+3.5+7.1	1.52	2.14	4.34	---	3.11	8.00	9.10	0.71	2.51	3.30	3.19	B	1,255
	2.5+4.2+4.2	1.84	3.07	3.07	---	2.81	7.98	9.15	0.67	2.87	3.82	2.78	D	1,435

Note: connected to 2.0, 2.5, 3.5, 4.2, 5.0 wall mounted G type / op 6.0 en 7.1 wall mounted F type

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY			POWER INPUT (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
4MXS80E*	2.5+4.2+5.0	1.71	2.87	3.42	---	2.92	8.00	9.35	0.67	2.82	3.85	2.84	C	1,410
	2.5+4.2+6.0	1.57	2.65	3.78	---	3.05	8.00	9.53	0.67	2.58	3.68	3.10	B	1,290
	2.5+4.2+7.1	1.45	2.43	4.12	---	3.20	8.00	9.63	0.71	2.52	3.77	3.17	B	1,260
	2.5+5.0+5.0	1.60	3.20	3.20	---	3.03	8.00	9.47	0.71	2.76	3.88	2.90	C	1,380
	2.5+5.0+6.0	1.48	2.96	3.56	---	3.16	8.00	9.58	0.71	2.46	3.63	3.25	A	1,230
	2.5+6.0+6.0	1.38	3.31	3.31	---	3.30	8.00	9.60	0.72	2.22	3.37	3.60	A	1,110
	3.5+3.5+3.5	2.63	2.63	2.63	---	2.75	7.89	8.67	0.63	2.87	3.15	2.75	D	1,435
	3.5+3.5+4.2	2.50	2.50	3.01	---	2.85	8.01	9.29	0.67	2.94	3.66	2.72	D	1,470
	3.5+3.5+5.0	2.33	2.33	3.34	---	2.96	8.00	9.35	0.67	2.82	3.85	2.84	C	1,410
	3.5+3.5+6.0	2.15	2.15	3.70	---	3.09	8.00	9.11	0.71	2.58	3.37	3.10	B	1,290
	3.5+3.5+7.1	1.99	1.99	4.02	---	3.25	8.00	9.60	0.75	2.52	3.77	3.17	B	1,260
	3.5+4.2+4.2	2.36	2.82	2.82	---	2.94	8.00	9.18	0.67	2.87	3.82	2.79	D	1,435
	3.5+4.2+5.0	2.21	2.65	3.14	---	3.05	8.00	9.36	0.71	2.75	3.85	2.91	C	1,375
	3.5+4.2+6.0	2.06	2.45	3.49	---	3.19	8.00	9.59	0.71	2.51	3.77	3.19	B	1,255
	3.5+5.0+5.0	2.08	2.96	2.96	---	3.16	8.00	9.55	0.71	2.76	3.88	2.90	C	1,380
	3.5+5.0+6.0	1.93	2.76	3.31	---	3.30	8.00	9.60	0.75	2.46	3.63	3.25	A	1,230
	4.2+4.2+4.2	2.67	2.67	2.67	---	3.04	8.00	9.19	0.71	2.87	3.82	2.79	D	1,435
	4.2+4.2+5.0	2.51	2.51	2.98	---	3.15	8.00	9.37	0.71	2.75	3.85	2.91	C	1,375
	4.2+4.2+6.0	2.33	2.33	3.34	---	3.29	8.00	9.60	0.75	2.51	3.77	3.19	B	1,255
	4.2+5.0+5.0	2.36	2.82	2.82	---	3.26	8.00	9.56	0.75	2.70	3.88	2.96	C	1,350
	2.0+2.0+2.0+2.0	1.83	1.83	1.83	1.83	2.41	7.32	7.90	0.56	2.07	2.38	3.54	A	1,035
	2.0+2.0+2.0+2.5	1.75	1.75	1.75	2.17	2.48	7.42	8.16	0.56	2.13	2.51	3.48	A	1,065
	2.0+2.0+2.0+3.5	1.61	1.61	1.61	2.82	2.61	7.65	8.62	0.60	2.26	2.86	3.38	A	1,130
	2.0+2.0+2.0+4.2	1.53	1.53	1.53	3.23	2.71	7.82	8.89	0.64	2.32	3.00	3.37	A	1,160
	2.0+2.0+2.0+5.0	1.45	1.45	1.45	3.65	2.82	8.00	9.15	0.64	2.52	3.32	3.17	B	1,260
	2.0+2.0+2.0+6.0	1.33	1.33	1.33	4.01	2.96	8.00	9.39	0.68	2.28	3.21	3.51	A	1,140
	2.0+2.0+2.0+7.1	1.22	1.22	1.22	4.34	3.11	8.00	9.55	0.68	2.22	3.29	3.60	A	1,110
	2.0+2.0+2.5+2.5	1.68	1.68	2.09	2.09	2.55	7.54	8.40	0.60	2.20	2.72	3.43	A	1,100
	2.0+2.0+2.5+3.5	1.55	1.55	1.94	2.73	2.68	7.77	8.82	0.60	2.45	3.14	3.17	B	1,225
	2.0+2.0+2.5+4.2	1.48	1.48	1.85	3.12	2.78	7.93	9.06	0.64	2.58	3.30	3.07	B	1,290
	2.0+2.0+2.5+5.0	1.39	1.39	1.74	3.48	2.89	8.00	9.28	0.64	2.52	3.39	3.17	B	1,260
	2.0+2.0+2.5+6.0	1.28	1.28	1.60	3.84	3.03	8.00	9.47	0.68	2.28	3.21	3.51	A	1,140
	2.0+2.0+2.5+7.1	1.18	1.18	1.47	4.17	3.18	8.00	9.59	0.72	2.22	3.29	3.60	A	1,110
	2.0+2.0+3.5+3.5	1.45	1.45	2.55	2.55	2.82	8.00	8.96	0.64	2.58	3.22	3.10	B	1,290
	2.0+2.0+3.5+4.2	1.37	1.37	2.39	2.87	2.92	8.00	9.32	0.67	2.58	3.53	3.10	B	1,290
	2.0+2.0+3.5+5.0	1.28	1.28	2.24	3.20	3.03	8.00	9.47	0.68	2.52	3.55	3.17	B	1,260
	2.0+2.0+3.5+6.0	1.19	1.19	2.07	3.55	3.16	8.00	9.58	0.72	2.28	3.29	3.51	A	1,140
	2.0+2.0+4.2+4.2	1.29	1.29	2.71	2.71	3.01	8.00	9.46	0.67	2.58	3.61	3.10	B	1,290
	2.0+2.0+4.2+5.0	1.21	1.21	2.55	3.03	3.12	8.00	9.56	0.71	2.52	3.55	3.17	B	1,260
	2.0+2.0+4.2+6.0	1.13	1.13	2.37	3.37	3.26	8.00	9.60	0.72	2.28	3.29	3.51	A	1,140
	2.0+2.0+5.0+5.0	1.14	1.14	2.86	2.86	3.23	8.00	9.60	0.71	2.44	3.50	3.28	A	1,220
	2.0+2.5+2.5+2.5	1.62	2.01	2.01	2.01	2.61	7.65	8.62	0.60	2.26	2.85	3.38	A	1,130
	2.0+2.5+2.5+3.5	1.50	1.88	1.88	2.62	2.75	7.88	8.99	0.64	2.51	3.29	3.14	B	1,255
	2.0+2.5+2.5+4.2	1.43	1.79	1.79	2.99	2.85	8.00	9.20	0.64	2.58	3.45	3.10	B	1,290
	2.0+2.5+2.5+5.0	1.33	1.67	1.67	3.33	2.96	8.00	9.39	0.68	2.52	3.47	3.17	B	1,260
	2.0+2.5+2.5+6.0	1.23	1.54	1.54	3.69	3.09	8.00	9.54	0.68	2.25	3.29	3.56	A	1,125
	2.0+2.5+2.5+7.1	1.13	1.42	1.42	4.03	3.25	8.00	9.60	0.72	2.28	3.29	3.51	A	1,140
	2.0+2.5+3.5+3.5	1.40	1.74	2.43	2.43	2.89	8.00	9.14	0.67	2.58	3.37	3.10	B	1,290
	2.0+2.5+3.5+4.2	1.31	1.64	2.30	2.75	2.98	8.00	9.47	0.67	2.58	3.61	3.10	B	1,290
	2.0+2.5+3.5+5.0	1.23	1.54	2.15	3.08	3.09	8.00	9.54	0.71	2.52	3.55	3.17	B	1,260
	2.0+2.5+3.5+6.0	1.14	1.43	2.00	3.43	3.23	8.00	9.60	0.72	2.28	3.29	3.51	A	1,140
	2.0+2.5+4.2+4.2	1.25	1.55	2.60	2.60	3.08	8.00	9.53	0.71	2.58	3.69	3.10	B	1,290
	2.0+2.5+4.2+5.0	1.17	1.46	2.45	2.92	3.19	8.00	9.59	0.71	2.52	3.63	3.17	B	1,260
	2.0+2.5+5.0+5.0	1.10	1.38	2.76	2.76	3.30	8.00	9.60	0.71	2.40	3.50	3.33	A	1,200
	2.0+3.5+3.5+3.5	1.28	2.24	2.24	2.24	3.03	8.00	9.23	0.67	2.58	3.30	3.10	B	1,290
	2.0+3.5+3.5+4.2	1.21	2.12	2.12	2.55	3.12	8.00	9.56	0.71	2.58	3.69	3.10	B	1,290
	2.0+3.5+3.5+5.0	1.14	2.00	2.00	2.86	3.23	8.00	9.60	0.71	2.52	3.63	3.17	B	1,260
	2.0+3.5+4.2+4.2	1.15	2.01	2.42	2.42	3.22	8.00	9.60	0.71	2.58	3.77	3.10	B	1,290
	2.5+2.5+2.5+2.5	1.94	1.94	1.94	1.94	2.68	7.76	8.82	0.60	2.45	3.14	3.17	B	1,225
	2.5+2.5+2.5+3.5	1.82	1.82	1.82	2.54	2.82	8.00	8.98	0.64	2.58	3.22	3.10	B	1,290
	2.5+2.5+2.5+4.2	1.71	1.71	1.71	2.87	2.92	8.00	9.32	0.67	2.58	3.53	3.10	B	1,290
	2.5+2.5+2.5+5.0	1.60	1.60	1.60	3.20	3.03	8.00	9.47	0.68	2.52	3.55	3.17	B	1,260
	2.5+2.5+2.5+6.0	1.48	1.48	1.48	3.56	3.16	8.00	9.58	0.72	2.28	3.29	3.51	A	1,140
	2.5+2.5+3.5+3.5	1.67	1.67	2.33	2.33	2.96	8.00	9.10	0.67	2.58	3.37	3.10	B	1,290
	2.5+2.5+3.5+4.2	1.57	1.57	2.21	2.65	3.05	8.00	9.50	0.67	2.58	3.69	3.10	B	1,290
	2.5+2.5+3.5+5.0	1.48	1.48	2.07	2.97	3.16	8.00	9.58	0.71	2.52	3.63	3.17	B	1,260
	2.5+2.5+3.5+6.0	1.38	1.38	1.93	3.31	3.30	8.00	9.60	0.72	2.28	3.29	3.51	A	1,140
	2.5+2.5+4.2+4.2	1.49	1.49	2.51	2.51	3.15	8.00	9.57	0.71	2.58	3.69	3.10	B	1,290
	2.5+2.5+4.2+5.0	1.41	1.41	2.37	2.81	3.26	8.00	9.60	0.71	2.52	3.63	3.17	B	1,260
	2.5+3.5+3.5+3.5	1.55	2.15	2.15	2.15	3.09	8.00	9.35	0.71	2.58	3.30	3.10	B	1,290
	2.5+3.5+3.5+4.2	1.47	2.04	2.04	2.45	3.19	8.00	9.59	0.71	2.58	3.77	3.10	B	1,290
	2.5+3.5+3.5+5.0	1.38	1.93	1.93	2.76	3.30	8.00	9.60	0.75	2.52	3.63	3.17	B	1,260
	2.5+3.5+4.2+4.2	1.40	1.94	2.33	2.33	3.29	8.00	9.60	0.75	2.58	3.77	3.10	B	1,290
	3.5+3.5+3.5+3.5	2.00	2.00	2.00	2.00	3.23	8.00	9.60	0.71	2.58	3.77	3.10	B	1,290

Note: connected to 2.0, 2.5, 3.5, 4.2, 5.0 wall mounted G type / op 6.0 en 7.1 wall mounted F type

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL HEATING CAPACITY			POWER INPUT (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
4MXS80E*	2.0	2.44	---	---	---	1.31	2.44	4.10	0.31	0.67	1.22	3.64	A
	2.5	3.05	---	---	---	1.36	3.05	4.55	0.33	0.88	1.31	3.47	B
	3.5	4.27	---	---	---	1.48	4.27	5.11	0.34	1.42	1.73	3.01	D
	4.2	5.12	---	---	---	1.68	5.12	5.17	0.37	1.73	1.77	2.96	D
	5.0	6.09	---	---	---	1.90	6.09	7.12	0.44	1.78	2.25	3.42	B
	6.0	7.31	---	---	---	2.19	7.31	8.19	0.55	2.19	2.64	3.34	C
	7.1	8.65	---	---	---	2.50	8.65	9.00	0.59	2.77	2.97	3.12	D
	2.0+2.0	2.44	2.44	---	---	1.62	4.88	6.55	0.34	1.17	1.74	4.17	A
	2.0+2.5	2.44	3.05	---	---	1.76	5.49	6.85	0.37	1.34	1.82	4.10	A
	2.0+3.5	2.44	4.26	---	---	2.05	6.70	7.35	0.43	1.86	2.13	3.60	A
	2.0+4.2	2.44	5.11	---	---	2.24	7.55	7.35	0.47	2.22	2.13	3.40	B
	2.0+5.0	2.44	6.09	---		2.47	8.53	8.72	0.55	2.32	2.42	3.68	A
	2.0+6.0	2.32	6.95	---	---	2.74	9.27	9.67	0.57	2.44	2.64	3.80	A
	2.0+7.1	2.11	7.49	---	---	3.04	9.60	10.36	0.61	2.48	2.89	3.87	A
	2.5+2.5	3.04	3.04	---	---	1.90	6.08	7.16	0.41	1.69	2.14	3.60	B
	2.5+3.5	3.05	4.26	---	---	2.19	7.31	8.53	0.55	2.13	2.67	3.43	B
	2.5+4.2	3.04	5.12	---	---	2.39	8.16	8.53	0.57	2.46	2.67	3.32	C
	2.5+5.0	2.98	5.95	---	---	2.61	8.93	9.31	0.57	2.52	2.72	3.54	B
	2.5+6.0	2.82	6.78	---	---	2.88	9.60	10.10	0.59	2.65	2.94	3.62	A
	2.5+7.1	2.50	7.10	---	---	3.17	9.60	10.36	0.63	2.51	2.93	3.82	A
	3.5+3.5	4.26	4.26	---	---	2.47	8.52	9.18	0.59	2.70	3.04	3.16	D
	3.5+4.2	4.11	4.94	---	---	2.66	9.05	9.18	0.61	2.98	3.04	3.04	D
	3.5+5.0	3.95	5.65	---	---	2.88	9.60	9.92	0.62	2.77	2.93	3.47	B
	3.5+6.0	3.54	6.06	---	---	3.15	9.60	10.34	0.61	2.49	2.90	3.86	A
	3.5+7.1	3.17	6.43	---	---	3.45	9.60	10.37	0.67	2.43	2.84	3.95	A
	4.2+4.2	4.78	4.78	---	---	2.85	9.55	9.99	0.63	2.65	2.91	3.60	A
	4.2+5.0	4.38	5.22	---	---	3.07	9.60	10.12	0.64	2.61	2.87	3.68	A
	4.2+6.0	3.95	5.65	---	---	3.34	9.60	10.35	0.65	2.44	2.84	3.93	A
	4.2+7.1	3.57	6.03	---	---	3.63	9.60	10.38	0.70	2.43	2.83	3.95	A
	5.0+5.0	4.80	4.80	---	---	3.28	9.60	10.24	0.67	2.52	2.83	3.81	A
	5.0+6.0	4.36	5.24	---	---	3.55	9.60	10.47	0.66	2.40	2.80	4.00	A
	5.0+7.1	3.97	5.63	---	---	3.85	9.60	10.50	0.70	2.38	2.79	4.03	A
	6.0+6.0	4.80	4.80	---	---	3.82	9.60	10.70	0.67	2.32	2.77	4.14	A
	6.0+7.1	4.40	5.20	---	---	4.12	9.60	10.73	0.71	2.31	2.76	4.16	A
	7.1+7.1	4.80	4.80	---	---	4.42	9.60	10.77	0.78	2.25	2.70	4.27	A
	2.0+2.0+2.0	2.43	2.43	2.43	---	2.19	7.29	8.33	0.48	1.76	2.14	4.14	A
	2.0+2.0+2.5	2.44	2.44	3.04	---	2.33	7.92	8.93	0.50	1.96	2.32	4.04	A
	2.0+2.0+3.5	2.38	2.38	4.17	---	2.61	8.93	9.68	0.54	2.29	2.63	3.90	A
	2.0+2.0+4.2	2.30	2.30	4.81	---	2.80	9.41	9.69	0.56	2.48	2.63	3.79	A
	2.0+2.0+5.0	2.13	2.13	5.34	---	3.01	9.60	10.48	0.57	2.39	2.80	4.02	A
	2.0+2.0+6.0	1.92	1.92	5.76	---	3.28	9.60	10.71	0.58	2.27	2.72	4.23	A
	2.0+2.0+7.1	1.73	1.73	6.14	---	3.58	9.60	10.74	0.62	2.26	2.71	4.25	A
	2.0+2.5+2.5	2.43	3.05	3.05	---	2.47	8.53	8.93	0.52	2.16	2.30	3.95	A
	2.0+2.5+3.5	2.31	2.90	4.06	---	2.74	9.27	9.68	0.56	2.41	2.61	3.85	A
	2.0+2.5+4.2	2.21	2.76	4.63	---	2.93	9.60	9.69	0.59	2.56	2.61	3.75	A
	2.0+2.5+5.0	2.02	2.53	5.05	---	3.15	9.60	10.48	0.59	2.39	2.80	4.02	A
	2.0+2.5+6.0	1.82	2.29	5.49	---	3.42	9.60	10.71	0.60	2.27	2.72	4.23	A
	2.0+2.5+7.1	1.65	2.07	5.88	---	3.72	9.60	10.74	0.64	2.26	2.71	4.25	A
	2.0+3.5+3.5	2.14	3.73	3.73	---	3.01	9.60	10.35	0.59	2.43	2.84	3.95	A
	2.0+3.5+4.2	1.99	3.46	4.15	---	3.20	9.60	10.36	0.63	2.43	2.84	3.95	A
	2.0+3.5+5.0	1.83	3.20	4.57	---	3.42	9.60	10.49	0.63	2.39	2.80	4.02	A
	2.0+3.5+6.0	1.67	2.92	5.01	---	3.69	9.60	10.72	0.64	2.27	2.72	4.23	A
	2.0+3.5+7.1	1.52	2.67	5.41	---	3.99	9.60	10.75	0.69	2.26	2.70	4.25	A
	2.0+4.2+4.2	1.84	3.88	3.88	---	3.39	9.60	10.37	0.65	2.43	2.84	3.95	A
	2.0+4.2+5.0	1.71	3.60	4.29	---	3.61	9.60	10.49	0.68	2.39	2.79	4.02	A
	2.0+4.2+6.0	1.58	3.30	4.72	---	3.88	9.60	10.72	0.67	2.27	2.71	4.23	A
	2.0+4.2+7.1	1.45	3.03	5.12	---	4.18	9.60	10.76	0.73	2.26	2.70	4.25	A
	2.0+5.0+5.0	1.60	4.00	4.00	---	3.82	9.60	10.62	0.68	2.30	2.75	4.17	A
	2.0+5.0+6.0	1.48	3.69	4.43	---	4.09	9.60	10.85	0.69	2.18	2.72	4.40	A
	2.0+5.0+7.1	1.37	3.40	4.83	---	4.39	9.60	10.88	0.74	2.17	2.71	4.42	A
	2.0+6.0+6.0	1.38	4.11	4.11	---	4.36	9.60	11.08	0.70	2.11	2.64	4.55	A
	2.5+2.5+2.5	2.97	2.97	2.97	---	2.61	8.91	9.88	0.54	2.34	2.74	3.81	A
	2.5+2.5+3.5	2.82	2.82	3.96	---	2.88	9.60	10.12	0.59	2.53	2.79	3.79	A
	2.5+2.5+4.2	2.61	2.61	4.38	---	3.07	9.60	10.12	0.61	2.53	2.79	3.79	A
	2.5+2.5+5.0	2.40	2.40	4.80	---	3.28	9.60	10.48	0.61	2.39	2.80	4.02	A
	2.5+2.5+6.0	2.18	2.18	5.24	---	3.55	9.60	10.71	0.62	2.27	2.72	4.23	A
	2.5+2.5+7.1	1.98	1.98	5.64	---	3.85	9.60	10.74	0.66	2.26	2.71	4.25	A
	2.5+3.5+3.5	2.52	3.54	3.54	---	3.15	9.60	10.35	0.61	2.43	2.84	3.95	A
	2.5+3.5+4.2	2.36	3.29	3.95	---	3.34	9.60	10.36	0.65	2.43	2.84	3.95	A
	2.5+3.5+5.0	2.19	3.05	4.36	---	3.55	9.60	10.49	0.66	2.39	2.80	4.02	A
	2.5+3.5+6.0	2.00	2.80	4.80	---	3.82	9.60	10.72	0.67	2.27	2.72	4.23	A
	2.5+3.5+7.1	1.84	2.56	5.20	---	4.12	9.60	10.75	0.71	2.26	2.70	4.25	A
	2.5+4.2+4.2	2.20	3.70	3.70	---	3.53	9.60	10.37	0.68	2.43	2.84	3.95	A
	2.5+4.2+5.0	2.06	3.45	4.09	---	3.74	9.60	10.49	0.70	2.39	2.79	4.02	A

Note: connected to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series / op 6.0 en 7.1kW wall mounted F series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL HEATING CAPACITY			POWER INPUT (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
4MXS80E*	2.5+4.2+6.0	1.90	3.17	4.53	---	4.01	9.60	10.72	0.69	2.27	2.71	4.23	A
	2.5+4.2+7.1	1.75	2.92	4.93	---	4.31	9.60	10.76	0.76	2.26	2.70	4.25	A
	2.5+5.0+5.0	1.92	3.84	3.84	---	3.96	9.60	10.62	0.71	2.30	2.75	4.17	A
	2.5+5.0+6.0	1.77	3.56	4.27	---	4.23	9.60	10.85	0.72	2.18	2.72	4.40	A
	2.5+6.0+6.0	1.66	3.97	3.97	---	4.50	9.60	11.08	0.72	2.11	2.64	4.55	A
	3.5+3.5+3.5	3.20	3.20	3.20	---	3.42	9.60	10.36	0.65	2.43	2.84	3.95	A
	3.5+3.5+4.2	3.00	3.00	3.60	---	3.61	9.60	10.37	0.70	2.43	2.84	3.95	A
	3.5+3.5+5.0	2.80	2.80	4.00	---	3.82	9.60	10.49	0.70	2.39	2.79	4.02	A
	3.5+3.5+6.0	2.58	2.58	4.44	---	4.09	9.60	10.72	0.71	2.27	2.71	4.23	A
	3.5+3.5+7.1	2.38	2.38	4.84	---	4.39	9.60	10.76	0.76	2.26	2.70	4.25	A
	3.5+4.2+4.2	2.82	3.39	3.39	---	3.80	9.60	10.38	0.72	2.43	2.83	3.95	A
	3.5+4.2+5.0	2.65	3.17	3.78	---	4.01	9.60	10.50	0.75	2.39	2.79	4.02	A
	3.5+4.2+6.0	2.45	2.94	4.21	---	4.28	9.60	10.73	0.74	2.26	2.71	4.25	A
	3.5+5.0+5.0	2.48	3.56	3.56	---	4.23	9.60	10.63	0.76	2.30	2.75	4.17	A
	3.5+5.0+6.0	2.32	3.31	3.97	---	4.50	9.60	10.86	0.77	2.18	2.72	4.40	A
	4.2+4.2+4.2	3.20	3.20	3.20	---	3.99	9.60	10.38	0.75	2.42	2.83	3.97	A
	4.2+4.2+5.0	3.01	3.01	3.58	---	4.20	9.60	10.51	0.78	2.38	2.79	4.03	A
	4.2+4.2+6.0	2.80	2.80	4.00	---	4.47	9.60	10.74	0.79	2.26	2.71	4.25	A
	4.2+5.0+5.0	2.84	3.38	3.38	---	4.42	9.60	10.64	0.81	2.29	2.74	4.19	A
	2.0+2.0+2.0+2.0	2.32	2.32	2.32	2.32	2.74	9.28	9.78	0.48	2.27	2.51	4.09	A
	2.0+2.0+2.0+2.5	2.26	2.26	2.26	2.82	2.88	9.60	9.92	0.52	2.36	2.51	4.07	A
	2.0+2.0+2.0+3.5	2.02	2.02	2.02	3.54	3.15	9.60	10.72	0.56	2.27	2.71	4.23	A
	2.0+2.0+2.0+4.2	1.88	1.88	1.88	3.96	3.34	9.60	10.73	0.58	2.26	2.71	4.25	A
	2.0+2.0+2.0+5.0	1.75	1.75	1.75	4.35	3.55	9.60	10.86	0.60	2.18	2.72	4.40	A
	2.0+2.0+2.0+6.0	1.60	1.60	1.60	4.80	3.82	9.60	11.09	0.59	2.10	2.64	4.57	A
	2.0+2.0+2.0+7.1	1.47	1.47	1.47	5.19	4.12	9.60	11.12	0.65	2.09	2.63	4.59	A
	2.0+2.0+2.5+2.5	2.13	2.13	2.67	2.67	3.01	9.60	10.71	0.54	2.27	2.72	4.23	A
	2.0+2.0+2.5+3.5	1.92	1.92	2.40	3.36	3.28	9.60	10.72	0.58	2.27	2.71	4.23	A
	2.0+2.0+2.5+4.2	1.79	1.79	2.25	3.77	3.47	9.60	10.73	0.60	2.26	2.71	4.25	A
	2.0+2.0+2.5+5.0	1.67	1.67	2.09	4.17	3.69	9.60	10.86	0.62	2.18	2.72	4.40	A
	2.0+2.0+2.5+6.0	1.54	1.54	1.92	4.60	3.96	9.60	11.09	0.61	2.10	2.64	4.57	A
	2.0+2.0+2.5+7.1	1.41	1.41	1.76	5.02	4.26	9.60	11.12	0.67	2.09	2.63	4.59	A
	2.0+2.0+3.5+3.5	1.75	1.75	3.05	3.05	3.55	9.60	10.73	0.62	2.26	2.71	4.25	A
	2.0+2.0+3.5+4.2	1.64	1.64	2.87	3.45	3.74	9.60	10.74	0.64	2.26	2.71	4.25	A
	2.0+2.0+3.5+5.0	1.54	1.54	2.69	3.83	3.96	9.60	10.86	0.67	2.17	2.71	4.42	A
	2.0+2.0+3.5+6.0	1.42	1.42	2.49	4.27	4.23	9.60	11.09	0.67	2.10	2.63	4.57	A
	2.0+2.0+4.2+4.2	1.55	1.55	3.25	3.25	3.93	9.60	10.75	0.66	2.26	2.70	4.25	A
	2.0+2.0+4.2+5.0	1.45	1.45	3.06	3.64	4.15	9.60	10.87	0.69	2.17	2.71	4.42	A
	2.0+2.0+4.2+6.0	1.35	1.35	2.84	4.06	4.42	9.60	11.10	0.70	2.10	2.63	4.57	A
	2.0+2.0+5.0+5.0	1.37	1.37	3.43	3.43	4.36	9.60	11.00	0.72	2.13	2.67	4.51	A
	2.0+2.5+2.5+2.5	2.01	2.53	2.53	2.53	3.15	9.60	10.71	0.56	2.27	2.72	4.23	A
	2.0+2.5+2.5+3.5	1.82	2.29	2.29	3.20	3.42	9.60	10.72	0.60	2.27	2.71	4.23	A
	2.0+2.5+2.5+4.2	1.72	2.14	2.14	3.60	3.61	9.60	10.73	0.62	2.26	2.71	4.25	A
	2.0+2.5+2.5+5.0	1.60	2.00	2.00	4.00	3.82	9.60	10.86	0.65	2.18	2.72	4.40	A
	2.0+2.5+2.5+6.0	1.47	1.85	1.85	4.43	4.09	9.60	11.09	0.65	2.10	2.64	4.57	A
	2.0+2.5+2.5+7.1	1.37	1.70	1.70	4.83	4.39	9.60	11.12	0.69	2.09	2.63	4.59	A
	2.0+2.5+3.5+3.5	1.67	2.09	2.92	2.92	3.69	9.60	10.73	0.64	2.26	2.71	4.25	A
	2.0+2.5+3.5+4.2	1.58	1.97	2.75	3.30	3.88	9.60	10.74	0.66	2.26	2.71	4.25	A
	2.0+2.5+3.5+5.0	1.48	1.85	2.58	3.69	4.09	9.60	10.86	0.69	2.18	2.71	4.40	A
	2.0+2.5+3.5+6.0	1.38	1.71	2.40	4.11	4.36	9.60	11.09	0.70	2.10	2.63	4.57	A
	2.0+2.5+4.2+4.2	1.50	1.86	3.12	3.12	4.07	9.60	10.75	0.69	2.26	2.70	4.25	A
	2.0+2.5+4.2+5.0	1.41	1.75	2.94	3.50	4.28	9.60	10.87	0.71	2.17	2.71	4.42	A
	2.0+2.5+5.0+5.0	1.32	1.66	3.31	3.31	4.50	9.60	11.00	0.74	2.13	2.67	4.51	A
	2.0+3.5+3.5+3.5	1.53	2.69	2.69	2.69	3.96	9.60	10.74	0.69	2.26	2.71	4.25	A
	2.0+3.5+3.5+4.2	1.45	2.55	2.55	3.05	4.15	9.60	10.75	0.71	2.26	2.70	4.25	A
	2.0+3.5+3.5+5.0	1.37	2.40	2.40	3.43	4.36	9.60	10.87	0.74	2.17	2.71	4.42	A
	2.0+3.5+4.2+4.2	1.38	2.42	2.90	2.90	4.34	9.60	10.75	0.76	2.26	2.70	4.25	A
	2.5+2.5+2.5+2.5	2.40	2.40	2.40	2.40	3.28	9.60	10.71	0.58	2.27	2.72	4.23	A
	2.5+2.5+2.5+3.5	2.18	2.18	2.18	3.06	3.55	9.60	10.72	0.62	2.27	2.71	4.23	A
	2.5+2.5+2.5+4.2	2.05	2.05	2.05	3.45	3.74	9.60	10.73	0.64	2.26	2.71	4.25	A
	2.5+2.5+2.5+5.0	1.92	1.92	1.92	3.84	3.96	9.60	10.86	0.67	2.18	2.72	4.40	A
	2.5+2.5+2.5+6.0	1.78	1.78	1.78	4.26	4.23	9.60	11.09	0.68	2.10	2.64	4.57	A
	2.5+2.5+3.5+3.5	2.00	2.00	2.80	2.80	3.82	9.60	10.73	0.67	2.26	2.71	4.25	A
	2.5+2.5+3.5+4.2	1.89	1.89	2.65	3.17	4.01	9.60	10.74	0.69	2.26	2.71	4.25	A
	2.5+2.5+3.5+5.0	1.78	1.78	2.49	3.55	4.23	9.60	10.86	0.71	2.18	2.71	4.40	A
	2.5+2.5+3.5+6.0	1.66	1.66	2.32	3.96	4.50	9.60	11.09	0.72	2.10	2.63	4.57	A
	2.5+2.5+4.2+4.2	1.79	1.79	3.01	3.01	4.20	9.60	10.75	0.71	2.26	2.70	4.25	A
	2.5+2.5+4.2+5.0	1.69	1.69	2.85	3.37	4.42	9.60	10.87	0.76	2.17	2.71	4.42	A
	2.5+3.5+3.5+3.5	1.86	2.58	2.58	2.58	4.09	9.60	10.74	0.71	2.26	2.71	4.25	A
	2.5+3.5+3.5+4.2	1.76	2.45	2.45	2.94	4.28	9.60	10.75	0.74	2.26	2.70	4.25	A
	2.5+3.5+3.5+5.0	1.65	2.32	2.32	3.31	4.50	9.60	10.87	0.76	2.17	2.71	4.42	A
	2.5+3.5+4.2+4.2	1.67	2.33	2.80	2.80	4.47	9.60	10.75	0.78	2.26	2.70	4.25	A
	3.5+3.5+3.5+3.5	2.40	2.40	2.40	2.40	4.36	9.60	10.75	0.76	2.26	2.70	4.25	A

Note: connected to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series / op 6.0 en 7.1kW wall mounted F series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)					TOTAL CAPACITY			POWER INPUT (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
5MXS90E*	2.0	2.00	---	---	---	---	1.88	2.00	3.03	0.45	0.56	1.02	3.57	A	280
	2.5	2.50	---	---	---	---	2.00	2.50	3.54	0.49	0.71	1.18	3.52	A	355
	3.5	3.50	---	---	---	---	2.05	3.50	4.82	0.52	1.14	1.47	3.07	B	570
	4.2	4.20	---	---	---	---	2.13	4.20	5.14	0.56	1.38	1.69	3.04	B	690
	5.0	5.00	---	---	---	---	2.22	5.00	5.50	0.49	1.64	1.83	3.05	B	820
	6.0	6.00	---	---	---	---	2.33	6.00	6.60	0.50	1.89	2.24	3.17	B	945
	7.1	7.10	---	---	---	---	2.45	7.10	7.38	0.53	2.57	2.74	2.76	D	1,285
	2.0+2.0	2.00	2.00	---	---	---	2.11	4.00	5.30	0.50	1.14	1.79	3.51	A	570
	2.0+2.5	2.00	2.50	---	---	---	2.16	4.50	5.73	0.50	1.30	1.79	3.46	A	650
	2.0+3.5	2.00	3.50	---	---	---	2.27	5.50	6.36	0.50	1.70	2.09	3.24	A	850
	2.0+4.2	2.00	4.20	---	---	---	2.35	6.20	6.75	0.50	1.99	2.35	3.12	B	995
	2.0+5.0	2.00	5.00	---	---	---	2.44	7.00	7.31	0.50	2.42	2.59	2.89	C	1,210
	2.0+6.0	1.86	5.56	---	---	---	2.58	7.42	7.96	0.54	2.45	2.81	3.03	B	1,225
	2.0+7.1	1.71	6.09	---	---	---	2.74	7.80	8.47	0.57	2.69	3.13	2.90	C	1,345
	2.5+2.5	2.50	2.50	---	---	---	2.22	5.00	6.20	0.46	1.39	1.99	3.60	A	695
	2.5+3.5	2.50	3.50	---	---	---	2.33	6.00	6.60	0.50	1.89	2.25	3.17	B	945
	2.5+4.2	2.50	4.20	---	---	---	2.41	6.70	7.11	0.50	2.30	2.57	2.91	C	1,150
	2.5+5.0	2.41	4.83	---	---	---	2.51	7.24	7.64	0.53	2.59	2.82	2.80	D	1,295
	2.5+6.0	2.23	5.36	---	---	---	2.66	7.59	8.25	0.57	2.57	3.00	2.95	C	1,285
	2.5+7.1	2.08	5.90	---	---	---	2.82	7.98	8.47	0.60	2.81	3.13	2.84	C	1,405
	3.5+3.5	3.50	3.50	---	---	---	2.44	7.00	7.31	0.53	2.52	2.69	2.78	D	1,260
	3.5+4.2	3.32	3.99	---	---	---	2.54	7.31	7.66	0.53	2.69	2.92	2.72	D	1,345
	3.5+5.0	3.13	4.46	---	---	---	2.66	7.59	7.83	0.57	2.82	2.94	2.69	D	1,410
	3.5+6.0	2.93	5.01	---	---	---	2.80	7.94	8.45	0.60	2.81	3.13	2.83	C	1,405
	3.5+7.1	2.75	5.58	---	---	---	2.96	8.33	8.47	0.64	3.07	3.13	2.71	D	1,535
	4.2+4.2	3.78	3.78	---	---	---	2.64	7.56	7.67	0.56	2.86	2.92	2.64	D	1,430
	4.2+5.0	3.58	4.26	---	---	---	2.76	7.84	8.01	0.60	2.94	3.07	2.67	D	1,470
	4.2+6.0	3.37	4.82	---	---	---	2.91	8.19	8.46	0.60	2.94	3.13	2.79	D	1,470
	4.2+7.1	3.19	5.39	---	---	---	3.07	8.58	8.66	0.64	3.26	3.26	2.63	D	1,630
	5.0+5.0	4.06	4.06	---	---	---	2.88	8.12	8.18	0.60	3.09	3.19	2.63	D	1,545
	5.0+6.0	3.85	4.62	---	---	---	3.02	8.47	8.64	0.64	3.09	3.25	2.74	D	1,545
	5.0+7.1	3.66	5.20	---	---	---	3.19	8.86	8.88	0.67	3.36	3.39	2.64	D	1,680
	6.0+6.0	4.41	4.41	---	---	---	3.17	8.82	9.27	0.64	3.08	3.36	2.86	C	1,540
	6.0+7.1	4.12	4.88	---	---	---	3.33	9.00	9.29	0.68	3.08	3.36	2.92	C	1,540
	7.1+7.1	4.50	4.50	---	---	---	3.49	9.00	9.31	0.71	3.02	3.36	2.98	C	1,510
	2.0+2.0+2.0	2.00	2.00	2.00	---	---	2.33	6.00	6.63	0.50	1.66	1.96	3.61	A	830
	2.0+2.0+2.5	2.00	2.00	2.50	---	---	2.38	6.50	6.97	0.50	1.91	2.17	3.40	A	955
	2.0+2.0+3.5	1.93	1.93	3.38	---	---	2.51	7.24	7.64	0.54	2.34	2.57	3.09	B	1,170
	2.0+2.0+4.2	1.83	1.83	3.83	---	---	2.61	7.49	8.08	0.54	2.45	2.88	3.06	B	1,225
	2.0+2.0+5.0	1.72	1.72	4.33	---	---	2.73	7.77	8.53	0.57	2.59	3.09	3.00	C	1,295
	2.0+2.0+6.0	1.62	1.62	4.88	---	---	2.88	8.12	9.03	0.58	2.56	3.22	3.17	B	1,280
	2.0+2.0+7.1	1.53	1.53	5.45	---	---	3.04	8.51	9.30	0.61	2.82	3.36	3.02	B	1,410
	2.0+2.5+2.5	2.00	2.50	2.50	---	---	2.44	7.00	7.31	0.50	2.17	2.40	3.23	A	1,085
	2.0+2.5+3.5	1.86	2.32	3.24	---	---	2.58	7.42	7.96	0.54	2.45	2.81	3.03	B	1,225
	2.0+2.5+4.2	1.76	2.20	3.70	---	---	2.69	7.66	8.36	0.57	2.57	3.07	2.98	C	1,285
	2.0+2.5+5.0	1.67	2.09	4.18	---	---	2.80	7.94	8.65	0.57	2.71	3.15	2.93	C	1,355
	2.0+2.5+6.0	1.58	1.98	4.74	---	---	2.95	8.30	9.10	0.61	2.69	3.22	3.09	B	1,345
	2.0+2.5+7.1	1.50	1.87	5.31	---	---	3.11	8.68	9.30	0.64	2.95	3.36	2.94	C	1,475
	2.0+3.5+3.5	1.73	3.02	3.02	---	---	2.73	7.77	8.47	0.57	2.69	3.13	2.89	C	1,345
	2.0+3.5+4.2	1.65	2.89	3.47	---	---	2.83	8.01	8.48	0.60	2.81	3.13	2.85	C	1,405
	2.0+3.5+5.0	1.58	2.77	3.95	---	---	2.95	8.30	8.66	0.61	2.96	3.16	2.80	C	1,480
	2.0+3.5+6.0	1.50	2.63	4.52	---	---	3.10	8.65	9.29	0.64	2.95	3.36	2.93	C	1,475
	2.0+3.5+7.1	1.43	2.50	5.07	---	---	3.26	9.00	9.31	0.68	3.15	3.36	2.86	C	1,575
	2.0+4.2+4.2	1.58	3.34	3.34	---	---	2.94	8.26	8.49	0.60	3.00	3.13	2.75	D	1,500
	2.0+4.2+5.0	1.53	3.20	3.81	---	---	3.05	8.54	8.84	0.64	3.09	3.29	2.76	D	1,545
	2.0+4.2+6.0	1.46	3.06	4.37	---	---	3.20	8.89	9.30	0.64	3.08	3.36	2.89	C	1,540
	2.0+4.2+7.1	1.36	2.84	4.80	---	---	3.36	9.00	9.32	0.68	3.15	3.36	2.86	C	1,575
	2.0+5.0+5.0	1.46	3.68	3.68	---	---	3.17	8.82	9.02	0.64	3.18	3.32	2.77	D	1,590
	2.0+5.0+6.0	1.39	3.46	4.15	---	---	3.32	9.00	9.47	0.68	2.97	3.39	3.03	B	1,485
	2.0+5.0+7.1	1.28	3.19	4.53	---	---	3.48	9.00	9.49	0.71	2.90	3.39	3.10	B	1,450
	2.0+6.0+6.0	1.28	3.86	3.86	---	---	3.46	9.00	9.93	0.68	2.68	3.46	3.36	A	1,340
	2.0+6.0+7.1	1.19	3.58	4.23	---	---	3.63	9.00	10.40	0.71	2.61	4.00	3.45	A	1,305
	2.5+2.5+2.5	2.41	2.41	2.41	---	---	2.51	7.23	7.64	0.54	2.34	2.57	3.09	B	1,170
	2.5+2.5+3.5	2.23	2.23	3.13	---	---	2.66	7.59	8.25	0.57	2.57	3.00	2.95	C	1,285
	2.5+2.5+4.2	2.13	2.13	3.58	---	---	2.76	7.84	8.47	0.57	2.69	3.13	2.91	C	1,345
	2.5+2.5+5.0	2.03	2.03	4.06	---	---	2.88	8.12	8.65	0.61	2.83	3.15	2.87	C	1,415
	2.5+2.5+6.0	1.93	1.93	4.61	---	---	3.02	8.47	9.10	0.61	2.82	3.22	3.00	B	1,410
	2.5+2.5+7.1	1.83	1.83	5.20	---	---	3.19	8.86	9.30	0.64	3.08	3.36	2.88	C	1,540
	2.5+3.5+3.5	2.08	2.93	2.93	---	---	2.80	7.94	8.47	0.60	2.75	3.13	2.89	C	1,375
	2.5+3.5+4.2	2.01	2.81	3.37	---	---	2.91	8.19	8.48	0.60	2.94	3.13	2.79	D	1,470
	2.5+3.5+5.0	1.93	2.70	3.84	---	---	3.02	8.47	8.66	0.64	3.02	3.16	2.80	C	1,510
	2.5+3.5+6.0	1.84	2.57	4.41	---	---	3.17	8.82	9.29	0.64	3.01	3.36	2.93	C	1,505
	2.5+3.5+7.1	1.72	2.40	4.88	---	---	3.33	9.00	9.31	0.68	3.15	3.36	2.86	C	1,575
	2.5+4.2+4.2	1.94	3.25	3.25	---	---	3.01	8.44	8.44	0.64	3.13	3.13	2.70	D	1,565
	2.5+4.2+5.0	1.86	3.13	3.73	---	---	3.13	8.72	8.84	0.64	3.22	3.29	2.71	D	1,610

Note: connected to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series / op 6.0 en 7.1kW wall mounted F series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)					TOTAL CAPACITY			POWER INPUT (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
5MXS90E*	2.5+4.2+6.0	1.77	2.98	4.25	---	---	3.27	9.00	9.30	0.68	3.15	3.36	2.86	C	1,575
	2.5+4.2+7.1	1.63	2.74	4.63	---	---	3.44	9.00	9.32	0.71	3.15	3.36	2.86	C	1,575
	2.5+5.0+5.0	1.80	3.60	3.60	---	---	3.24	9.00	9.02	0.67	3.32	3.37	2.71	D	1,660
	2.5+5.0+6.0	1.67	3.33	4.00	---	---	3.39	9.00	9.47	0.68	3.04	3.39	2.96	C	1,520
	2.5+5.0+7.1	1.54	3.08	4.38	---	---	3.55	9.00	9.49	0.71	2.97	3.39	3.03	B	1,485
	2.5+6.0+6.0	1.56	3.72	3.72	---	---	3.54	9.00	9.93	0.71	2.75	3.46	3.27	A	1,375
	2.5+6.0+7.1	1.44	3.46	4.10	---	---	3.70	9.00	10.40	0.71	2.68	4.00	3.36	A	1,340
	3.5+3.5+3.5	2.77	2.77	2.77	---	---	2.95	8.31	8.60	0.64	3.07	3.26	2.71	D	1,535
	3.5+3.5+4.2	2.67	2.67	3.20	---	---	3.05	8.54	8.66	0.64	3.20	3.26	2.67	D	1,600
	3.5+3.5+5.0	2.57	2.57	3.68	---	---	3.17	8.82	8.84	0.67	3.29	3.32	2.68	D	1,645
	3.5+3.5+6.0	2.42	2.42	4.16	---	---	3.32	9.00	9.30	0.68	3.08	3.36	2.92	C	1,540
	3.5+3.5+7.1	2.23	2.23	4.54	---	---	3.48	9.00	9.32	0.71	3.02	3.36	2.98	C	1,510
	3.5+4.2+4.2	2.59	3.10	3.10	---	---	3.16	8.79	8.79	0.67	3.26	3.26	2.70	D	1,630
	3.5+4.2+5.0	2.48	2.98	3.54	---	---	3.27	9.00	9.00	0.67	3.29	3.29	2.74	D	1,645
	3.5+4.2+6.0	2.30	2.76	3.94	---	---	3.42	9.00	9.31	0.71	3.15	3.36	2.86	C	1,575
	3.5+4.2+7.1	2.13	2.55	4.32	---	---	3.58	9.00	9.81	0.75	3.15	3.95	2.86	C	1,575
	3.5+5.0+5.0	2.34	3.33	3.33	---	---	3.39	9.00	9.02	0.71	3.32	3.35	2.71	D	1,660
	3.5+5.0+6.0	2.18	3.10	3.72	---	---	3.54	9.00	9.48	0.71	3.04	3.39	2.96	C	1,520
	3.5+5.0+7.1	2.02	2.88	4.10	---	---	3.70	9.00	9.94	0.75	2.97	3.91	3.03	B	1,485
	3.5+6.0+6.0	2.04	3.48	3.48	---	---	3.69	9.00	10.38	0.71	2.75	4.00	3.27	A	1,375
	4.2+4.2+4.2	3.00	3.00	3.00	---	---	3.26	9.00	9.00	0.71	3.27	3.27	2.75	D	1,635
	4.2+4.2+5.0	2.82	2.82	3.36	---	---	3.38	9.00	9.08	0.71	3.29	3.29	2.74	D	1,645
	4.2+4.2+6.0	2.63	2.63	3.74	---	---	3.52	9.00	9.32	0.71	3.15	3.36	2.86	C	1,575
	4.2+4.2+7.1	2.44	2.44	4.12	---	---	3.69	9.00	9.82	0.75	3.16	3.95	2.85	C	1,580
	4.2+5.0+5.0	2.66	3.17	3.17	---	---	3.49	9.00	9.03	0.74	3.32	3.32	2.71	D	1,660
	4.2+5.0+6.0	2.49	2.96	3.55	---	---	3.64	9.00	9.98	0.75	3.04	3.98	2.96	C	1,520
	5.0+5.0+5.0	3.00	3.00	3.00	---	---	3.61	9.00	9.78	0.75	3.21	4.07	2.80	C	1,605
	2.0+2.0+2.0+2.0	1.86	1.86	1.86	1.86	---	2.58	7.44	7.96	0.54	2.04	2.32	3.65	A	1,020
	2.0+2.0+2.0+2.5	1.79	1.79	1.79	2.22	---	2.66	7.59	8.25	0.54	2.09	2.50	3.63	A	1,045
	2.0+2.0+2.0+3.5	1.67	1.67	1.67	2.93	---	2.80	7.94	8.78	0.58	2.32	2.82	3.42	A	1,160
	2.0+2.0+2.0+4.2	1.61	1.61	1.61	3.36	---	2.91	8.19	9.12	0.61	2.63	3.22	3.11	B	1,315
	2.0+2.0+2.0+5.0	1.54	1.54	1.54	3.85	---	3.02	8.47	9.30	0.61	2.71	3.25	3.13	B	1,355
	2.0+2.0+2.0+6.0	1.47	1.47	1.47	4.41	---	3.17	8.82	9.81	0.65	2.68	3.38	3.29	A	1,340
	2.0+2.0+2.0+7.1	1.37	1.37	1.37	4.89	---	3.33	9.00	9.96	0.65	2.82	3.46	3.19	B	1,410
	2.0+2.0+2.5+2.5	1.73	1.73	2.16	2.16	---	2.73	7.78	8.53	0.58	2.21	2.69	3.52	A	1,105
	2.0+2.0+2.5+3.5	1.62	1.62	2.03	2.85	---	2.88	8.12	9.03	0.58	2.56	3.22	3.17	B	1,280
	2.0+2.0+2.5+4.2	1.56	1.56	1.96	3.29	---	2.98	8.37	9.13	0.61	2.69	3.22	3.11	B	1,345
	2.0+2.0+2.5+5.0	1.50	1.50	1.88	3.77	---	3.10	8.65	9.49	0.64	2.84	3.39	3.05	B	1,420
	2.0+2.0+2.5+6.0	1.44	1.44	1.80	4.32	---	3.24	9.00	9.94	0.65	2.81	3.46	3.20	A	1,405
	2.0+2.0+2.5+7.1	1.32	1.32	1.65	4.71	---	3.41	9.00	9.96	0.68	2.82	3.46	3.19	B	1,410
	2.0+2.0+3.5+3.5	1.54	1.54	2.70	2.70	---	3.02	8.48	9.13	0.61	2.82	3.22	3.01	B	1,410
	2.0+2.0+3.5+4.2	1.49	1.49	2.61	3.13	---	3.13	8.72	9.32	0.64	2.95	3.36	2.96	C	1,475
	2.0+2.0+3.5+5.0	1.44	1.44	2.52	3.60	---	3.24	9.00	9.49	0.64	3.04	3.39	2.96	C	1,520
	2.0+2.0+3.5+6.0	1.33	1.33	2.34	4.00	---	3.39	9.00	9.95	0.68	2.75	3.46	3.27	A	1,375
	2.0+2.0+3.5+7.1	1.23	1.23	2.16	4.38	---	3.55	9.00	9.97	0.71	2.68	3.46	3.36	A	1,340
	2.0+2.0+4.2+4.2	1.45	1.45	3.03	3.03	---	3.23	8.96	9.33	0.64	3.09	3.36	2.90	C	1,545
	2.0+2.0+4.2+5.0	1.36	1.36	2.87	3.41	---	3.35	9.00	9.50	0.68	3.04	3.39	2.96	C	1,520
	2.0+2.0+4.2+6.0	1.27	1.27	2.66	3.80	---	3.49	9.00	9.96	0.68	2.81	3.46	3.20	A	1,405
	2.0+2.0+4.2+7.1	1.18	1.18	2.47	4.17	---	3.66	9.00	10.47	0.71	2.75	4.01	3.27	A	1,375
	2.0+2.0+5.0+5.0	1.29	1.29	3.21	3.21	---	3.46	9.00	9.68	0.68	2.92	3.42	3.08	B	1,460
	2.0+2.0+5.0+6.0	1.20	1.20	3.00	3.60	---	3.61	9.00	10.45	0.71	2.70	3.88	3.33	A	1,350
	2.0+2.5+2.5+2.5	1.67	2.09	2.09	2.09	---	2.80	7.94	8.78	0.58	2.32	2.82	3.42	A	1,160
	2.0+2.5+2.5+3.5	1.57	1.98	1.98	2.77	---	2.95	8.30	9.12	0.61	2.69	3.22	3.09	B	1,345
	2.0+2.5+2.5+4.2	1.53	1.91	1.91	3.19	---	3.05	8.54	9.31	0.61	2.82	3.36	3.03	B	1,410
	2.0+2.5+2.5+5.0	1.46	1.84	1.84	3.68	---	3.17	8.82	9.49	0.64	2.90	3.39	3.04	B	1,450
	2.0+2.5+2.5+6.0	1.39	1.73	1.73	4.15	---	3.32	9.00	9.94	0.65	2.75	3.46	3.27	A	1,375
	2.0+2.5+2.5+7.1	1.27	1.60	1.60	4.53	---	3.48	9.00	9.96	0.68	2.68	3.46	3.36	A	1,340
	2.0+2.5+3.5+3.5	1.50	1.89	2.63	2.63	---	3.10	8.65	9.31	0.64	2.88	3.36	3.00	B	1,440
	2.0+2.5+3.5+4.2	1.46	1.82	2.55	3.06	---	3.20	8.89	9.32	0.64	3.08	3.36	2.89	C	1,540
	2.0+2.5+3.5+5.0	1.39	1.73	2.42	3.46	---	3.32	9.00	9.49	0.68	3.04	3.39	2.96	C	1,520
	2.0+2.5+3.5+6.0	1.28	1.61	2.25	3.86	---	3.46	9.00	9.95	0.68	2.75	3.46	3.27	A	1,375
	2.0+2.5+3.5+7.1	1.19	1.49	2.09	4.23	---	3.63	9.00	10.42	0.71	2.68	4.01	3.36	A	1,340
	2.0+2.5+4.2+4.2	1.40	1.74	2.93	2.93	---	3.30	9.00	9.33	0.68	3.15	3.36	2.86	C	1,575
	2.0+2.5+4.2+5.0	1.32	1.64	2.76	3.28	---	3.42	9.00	9.50	0.68	3.04	3.39	2.96	C	1,520
	2.0+2.5+4.2+6.0	1.23	1.53	2.57	3.67	---	3.57	9.00	10.41	0.71	2.81	4.00	3.20	A	1,405
	2.0+2.5+5.0+5.0	1.25	1.55	3.10	3.10	---	3.54	9.00	9.68	0.71	2.92	3.42	3.08	B	1,460
	2.0+2.5+5.0+6.0	1.17	1.45	2.90	3.48	---	3.69	9.00	10.49	0.71	2.70	3.96	3.33	A	1,350
	2.0+3.5+3.5+3.5	1.44	2.52	2.52	2.52	---	3.24	9.00	9.32	0.68	3.15	3.36	2.86	C	1,575
	2.0+3.5+3.5+4.2	1.36	2.39	2.39	2.86	---	3.35	9.00	9.33	0.68	3.15	3.36	2.86	C	1,575
	2.0+3.5+3.5+5.0	1.29	2.25	2.25	3.21	---	3.46	9.00	9.50	0.71	3.04	3.39	2.96	C	1,520
	2.0+3.5+3.5+6.0	1.20	2.10	2.10	3.60	---	3.61	9.00	10.40	0.71	2.75	4.01	3.27	A	1,375
	2.0+3.5+4.2+4.2	1.29	2.27	2.72	2.72	---	3.45	9.00	9.33	0.71	3.16	3.37	2.85	C	1,580
	2.0+3.5+4.2+5.0	1.23	2.14	2.57	3.06	---	3.57	9.00	10.00	0.71	3.04	3.99	2.96	C	1,520
	2.0+3.5+5.0+5.0	1.17	2.03	2.90	2.90	---	3.69	9.00	10.26	0.75	2.92	4.19	3.08	B	1,460
	2.0+4.2+4.2+4.2	1.23	2.59	2.59	2.59	---	3.55	9.00	9.34	0.71	3.16	3.37	2.85	C	1,580

Note: connected to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series / op 6.0 en 7.1kW wall mounted F series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)					TOTAL CAPACITY			POWER INPUT (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
5MXS90E*	2.0+4.2+4.2+5.0	1.18	2.45	2.45	2.92	---	3.67	9.00	10.01	0.75	3.04	3.99	2.96	C	1,520
	2.5+2.5+2.5+2.5	2.03	2.03	2.03	2.03	---	2.88	8.12	9.03	0.58	2.56	3.22	3.17	B	1,280
	2.5+2.5+2.5+3.5	1.93	1.93	1.93	2.68	---	3.02	8.47	9.12	0.61	2.82	3.22	3.00	B	1,410
	2.5+2.5+2.5+4.2	1.87	1.86	1.86	3.13	---	3.13	8.72	9.31	0.64	2.95	3.36	2.96	C	1,475
	2.5+2.5+2.5+5.0	1.80	1.80	1.80	3.60	---	3.24	9.00	9.49	0.64	3.04	3.39	2.96	C	1,520
	2.5+2.5+2.5+6.0	1.67	1.67	1.67	3.99	---	3.39	9.00	9.94	0.68	2.75	3.46	3.27	A	1,375
	2.5+2.5+2.5+7.1	1.54	1.54	1.54	4.38	---	3.55	9.00	9.96	0.71	2.68	3.46	3.36	A	1,340
	2.5+2.5+3.5+3.5	1.84	1.84	2.57	2.57	---	3.17	8.82	9.31	0.64	3.02	3.36	2.92	C	1,510
	2.5+2.5+3.5+4.2	1.77	1.77	2.48	2.98	---	3.27	9.00	9.32	0.68	3.15	3.36	2.86	C	1,575
	2.5+2.5+3.5+5.0	1.67	1.67	2.33	3.33	---	3.39	9.00	9.49	0.68	3.04	3.39	2.96	C	1,520
	2.5+2.5+3.5+6.0	1.55	1.55	2.18	3.72	---	3.54	9.00	9.95	0.71	2.75	3.46	3.27	A	1,375
	2.5+2.5+3.5+7.1	1.44	1.44	2.02	4.10	---	3.70	9.00	10.42	0.71	2.68	4.01	3.36	A	1,340
	2.5+2.5+4.2+4.2	1.68	1.68	2.82	2.82	---	3.38	9.00	9.33	0.68	3.15	3.36	2.86	C	1,575
	2.5+2.5+4.2+5.0	1.58	1.58	2.67	3.17	---	3.49	9.00	9.50	0.71	3.04	3.39	2.96	C	1,520
	2.5+2.5+4.2+6.0	1.48	1.48	2.49	3.55	---	3.64	9.00	10.47	0.71	2.81	4.00	3.20	A	1,405
	2.5+2.5+5.0+5.0	1.50	1.50	3.00	3.00	---	3.61	9.00	10.25	0.71	2.92	4.18	3.08	B	1,460
	2.5+3.5+3.5+3.5	1.74	2.42	2.42	2.42	---	3.32	9.00	9.34	0.68	3.15	3.36	2.86	C	1,575
	2.5+3.5+3.5+4.2	1.64	2.30	2.30	2.76	---	3.42	9.00	9.33	0.71	3.15	3.36	2.86	C	1,575
	2.5+3.5+3.5+5.0	1.56	2.17	2.17	3.10	---	3.54	9.00	9.50	0.71	3.04	3.39	2.96	C	1,520
	2.5+3.5+3.5+6.0	1.46	2.03	2.03	3.48	---	3.69	9.00	10.40	0.71	2.75	4.01	3.27	A	1,375
	2.5+3.5+4.2+4.2	1.56	2.18	2.63	2.63	---	3.52	9.00	9.33	0.71	3.16	3.37	2.85	C	1,580
	2.5+3.5+4.2+5.0	1.48	2.07	2.49	2.96	---	3.64	9.00	10.00	0.75	3.04	3.99	2.96	C	1,520
	2.5+4.2+4.2+4.2	1.50	2.50	2.50	2.50	---	3.63	9.00	9.83	0.75	3.16	3.95	2.85	C	1,580
	3.5+3.5+3.5+3.5	2.25	2.25	2.25	2.25	---	3.46	9.00	9.32	0.71	3.15	3.36	2.86	C	1,575
	3.5+3.5+3.5+4.2	2.14	2.14	2.14	2.58	---	3.57	9.00	9.82	0.75	3.16	3.95	2.85	C	1,580
	3.5+3.5+3.5+5.0	2.03	2.03	2.03	2.91	---	3.69	9.00	9.95	0.75	3.04	3.91	2.96	C	1,520
	3.5+3.5+4.2+4.2	2.05	2.05	2.45	2.45	---	3.67	9.00	9.83	0.75	3.16	3.95	2.85	C	1,580
	2.0+2.0+2.0+2.0+2.0	1.63	1.63	1.63	1.63	1.63	2.88	8.15	9.03	0.58	2.30	2.81	3.54	A	1,150
	2.0+2.0+2.0+2.0+2.5	1.58	1.58	1.58	1.58	1.98	2.95	8.30	9.25	0.58	2.36	2.95	3.52	A	1,180
	2.0+2.0+2.0+2.0+3.5	1.50	1.50	1.50	1.50	2.65	3.10	8.65	9.64	0.61	2.55	3.24	3.39	A	1,275
	2.0+2.0+2.0+2.0+4.2	1.46	1.46	1.46	1.46	3.05	3.20	8.89	9.87	0.65	2.68	3.39	3.32	A	1,340
	2.0+2.0+2.0+2.0+5.0	1.38	1.38	1.38	1.38	3.48	3.32	9.00	10.09	0.65	2.70	3.49	3.33	A	1,350
	2.0+2.0+2.0+2.0+6.0	1.29	1.29	1.29	1.29	3.84	3.46	9.00	10.31	0.65	2.50	3.40	3.60	A	1,250
	2.0+2.0+2.0+2.0+7.1	1.19	1.19	1.19	1.19	4.24	3.63	9.00	10.46	0.68	2.47	3.48	3.64	A	1,235
	2.0+2.0+2.0+2.5+2.5	1.54	1.54	1.54	1.92	1.92	3.02	8.46	9.45	0.61	2.49	3.09	3.40	A	1,245
	2.0+2.0+2.0+2.5+3.5	1.47	1.47	1.47	1.84	2.57	3.17	8.82	9.81	0.61	2.68	3.39	3.29	A	1,340
	2.0+2.0+2.0+2.5+4.2	1.42	1.42	1.42	1.77	2.97	3.27	9.00	9.97	0.65	2.82	3.46	3.19	B	1,410
	2.0+2.0+2.0+2.5+5.0	1.33	1.33	1.33	1.67	3.34	3.39	9.00	10.15	0.65	2.70	3.49	3.33	A	1,350
	2.0+2.0+2.0+2.5+6.0	1.24	1.24	1.24	1.55	3.73	3.54	9.00	10.38	0.68	2.50	3.40	3.60	A	1,250
	2.0+2.0+2.0+2.5+7.1	1.15	1.15	1.15	1.44	4.11	3.70	9.00	10.50	0.71	2.47	3.48	3.64	A	1,235
	2.0+2.0+2.0+3.5+3.5	1.54	1.54	1.54	1.92	1.92	3.02	8.46	9.45	0.61	2.49	3.09	3.40	A	1,245
	2.0+2.0+2.0+3.5+4.2	1.31	1.31	1.31	2.31	2.76	3.42	9.00	9.98	0.68	2.75	3.46	3.27	A	1,375
	2.0+2.0+2.0+3.5+5.0	1.24	1.24	1.24	2.17	3.11	3.54	9.00	10.16	0.68	2.74	3.49	3.28	A	1,370
	2.0+2.0+2.0+3.5+6.0	1.16	1.16	1.16	2.03	3.49	3.69	9.00	10.49	0.71	2.46	3.48	3.66	A	1,230
	2.0+2.0+2.0+4.2+4.2	1.24	1.24	1.24	2.64	2.64	3.52	9.00	9.99	0.68	2.75	3.47	3.27	A	1,375
	2.0+2.0+2.0+4.2+5.0	1.18	1.18	1.18	2.50	2.96	3.64	9.00	10.47	0.71	2.70	3.89	3.33	A	1,350
	2.0+2.0+2.5+2.5+2.5	1.51	1.51	1.88	1.88	1.88	3.10	8.66	9.64	0.61	2.55	3.24	3.40	A	1,275
	2.0+2.0+2.5+2.5+3.5	1.44	1.44	1.80	1.80	2.52	3.24	9.00	9.96	0.65	2.82	3.46	3.19	B	1,410
	2.0+2.0+2.5+2.5+4.2	1.37	1.37	1.70	1.70	2.86	3.35	9.00	9.66	0.65	2.86	3.46	3.15	B	1,430
	2.0+2.0+2.5+2.5+5.0	1.29	1.29	1.61	1.61	3.20	3.46	9.00	10.15	0.68	2.70	3.49	3.33	A	1,350
	2.0+2.0+2.5+2.5+6.0	1.20	1.20	1.50	1.50	3.60	3.61	9.00	10.45	0.68	2.46	3.48	3.66	A	1,230
	2.0+2.0+2.5+3.5+3.5	1.33	1.33	1.68	2.33	2.33	3.39	9.00	9.97	0.68	2.82	3.46	3.19	B	1,410
	2.0+2.0+2.5+3.5+4.2	1.27	1.27	1.58	2.22	2.66	3.49	9.00	9.66	0.68	2.79	3.46	3.23	A	1,395
	2.0+2.0+2.5+3.5+5.0	1.20	1.20	1.50	2.10	3.00	3.61	9.00	10.45	0.71	2.70	3.80	3.33	A	1,350
	2.0+2.0+2.5+4.2+4.2	1.21	1.21	1.50	2.54	2.54	3.60	9.00	10.44	0.71	2.75	4.01	3.27	A	1,375
	2.0+2.0+3.5+3.5+3.5	1.23	1.23	2.18	2.18	2.18	3.54	9.00	9.98	0.68	2.82	3.46	3.19	B	1,410
	2.0+2.0+3.5+3.5+4.2	1.18	1.18	2.07	2.07	2.50	3.64	9.00	10.47	0.71	2.75	4.01	3.27	A	1,375
	2.0+2.5+2.5+2.5+2.5	1.46	1.84	1.84	1.84	1.84	3.17	8.82	9.81	0.61	2.68	3.39	3.29	A	1,340
	2.0+2.5+2.5+2.5+3.5	1.39	1.73	1.73	1.73	2.42	3.32	9.00	9.96	0.65	2.82	3.46	3.19	B	1,410
	2.0+2.5+2.5+2.5+4.2	1.32	1.64	1.64	1.64	2.76	3.42	9.00	9.97	0.68	2.82	3.46	3.19	B	1,410
	2.0+2.5+2.5+2.5+5.0	1.25	1.55	1.55	1.55	3.10	3.54	9.00	10.15	0.68	2.70	3.49	3.33	A	1,350
	2.0+2.5+2.5+2.5+6.0	1.17	1.45	1.45	1.45	3.48	3.69	9.00	10.49	0.71	2.46	3.48	3.66	A	1,230
	2.0+2.5+2.5+3.5+3.5	1.28	1.61	1.61	2.25	2.25	3.46	9.00	9.97	0.68	2.82	3.46	3.19	B	1,410
	2.0+2.5+2.5+3.5+4.2	1.23	1.53	1.53	2.14	2.57	3.57	9.00	10.41	0.71	2.75	4.01	3.27	A	1,375
	2.0+2.5+2.5+3.5+5.0	1.17	1.45	1.45	2.03	2.90	3.69	9.00	10.49	0.71	2.70	3.88	3.33	A	1,350
	2.0+2.5+2.5+4.2+4.2	1.18	1.46	1.46	2.45	2.45	3.64	9.00	10.47	0.71	2.75	4.01	3.27	A	1,375
	2.0+2.5+3.5+3.5+3.5	1.20	1.50	2.10	2.10	2.10	3.61	9.00	10.42	0.71	2.82	4.01	3.19	B	1,410
	2.5+2.5+2.5+2.5+2.5	1.80	1.80	1.80	1.80	1.80	3.24	9.00	9.95	0.65	2.81	3.46	3.20	A	1,405
	2.5+2.5+2.5+2.5+3.5	1.67	1.67	1.67	1.67	2.32	3.39	9.00	9.96	0.68	2.75	3.46	3.27	A	1,375
	2.5+2.5+2.5+2.5+4.2	1.58	1.58	1.58	1.58	2.68	3.49	9.00	9.97	0.68	2.82	3.46	3.19	B	1,410
	2.5+2.5+2.5+2.5+5.0	1.50	1.50	1.50	1.50	3.00	3.61	9.00	10.45	0.71	2.70	3.88	3.33	A	1,350
	2.5+2.5+2.5+3.5+3.5	1.56	1.56	1.56	2.16	2.16	3.54	9.00	9.97	0.68	2.82	3.46	3.19	B	1,410
	2.5+2.5+2.5+3.5+4.2	1.48	1.48	1.48	2.07	2.49	3.64	9.00	10.47	0.71	2.75	4.01	3.27	A	1,375
	2.5+2.5+3.5+3.5+3.5	1.44	1.44	2.04	2.04	2.04	3.69	9.00	10.42	0.71	2.75	4.01	3.27	A	1,375

Note: connected to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series / op 6.0 en 7.1kW wall mounted F series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)					TOTAL CAPACITY			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
5MXS90E*	2.0	2.44	---	---	---	---	1.36	2.44	4.20	0.35	0.68	1.38	3.59	B
	2.5	3.05	---	---	---	---	1.42	3.05	4.65	0.37	0.90	1.48	3.39	C
	3.5	4.27	---	---	---	---	1.54	4.27	5.11	0.39	1.43	1.95	2.99	D
	4.2	5.12	---	---	---	---	1.75	5.12	5.16	0.60	1.73	1.98	2.96	D
	5.0	6.09	---	---	---	---	1.98	6.09	7.42	0.48	1.91	2.48	3.19	D
	6.0	7.31	---	---	---	---	2.28	7.31	8.53	0.60	2.30	2.89	3.18	D
	7.1	8.65	---	---	---	---	2.60	8.65	9.02	0.67	2.87	3.04	3.01	D
	2.0+2.0	2.44	2.44	---	---	---	1.69	4.88	6.85	0.39	1.21	1.87	4.03	A
	2.0+2.5	2.44	3.05	---	---	---	1.84	5.49	7.25	0.41	1.40	2.05	3.92	A
	2.0+3.5	2.44	4.26	---	---	---	2.13	6.70	7.74	0.50	1.99	2.44	3.37	C
	2.0+4.2	2.44	5.11	---	---	---	2.34	7.55	8.53	0.62	2.33	2.81	3.24	C
	2.0+5.0	2.44	6.09	---	---	---	2.57	8.53	9.09	0.63	2.45	2.66	3.48	B
	2.0+6.0	2.32	6.95	---	---	---	2.86	9.27	9.88	0.65	2.63	2.96	3.52	B
	2.0+7.1	2.20	7.83	---	---	---	3.17	10.03	10.37	0.69	3.01	3.18	3.33	C
	2.5+2.5	3.04	3.04	---	---	---	1.98	6.08	7.46	0.47	1.76	2.35	3.45	B
	2.5+3.5	3.05	4.26	---	---	---	2.28	7.31	8.53	0.60	2.34	2.94	3.12	D
	2.5+4.2	3.04	5.12	---	---	---	2.49	8.16	9.02	0.65	2.76	3.18	2.96	D
	2.5+5.0	2.98	5.95	---	---	---	2.72	8.93	9.70	0.66	2.61	2.99	3.42	B
	2.5+6.0	2.83	6.79	---	---	---	3.00	9.62	9.88	0.67	2.86	3.03	3.36	C
	2.5+7.1	2.70	7.68	---	---	---	3.31	10.38	10.77	0.72	3.22	3.46	3.22	C
	3.5+3.5	4.27	4.27	---	---	---	2.57	8.54	9.02	0.65	2.91	3.15	2.93	D
	3.5+4.2	4.12	4.94	---	---	---	2.77	9.06	9.60	0.70	3.21	3.53	2.82	D
	3.5+5.0	3.96	5.66	---	---	---	3.00	9.62	9.70	0.71	2.93	2.98	3.28	C
	3.5+6.0	3.80	6.51	---	---	---	3.28	10.31	10.75	0.72	3.19	3.43	3.23	C
	3.5+7.1	3.43	6.97	---	---	---	3.59	10.40	10.78	0.77	3.11	3.35	3.34	C
	4.2+4.2	4.77	4.77	---	---	---	2.97	9.54	9.61	0.72	3.47	3.53	2.75	E
	4.2+5.0	4.61	5.49	---	---	---	3.20	10.10	10.12	0.73	3.22	3.28	3.14	D
	4.2+6.0	4.28	6.12	---	---	---	3.48	10.40	10.76	0.75	3.24	3.42	3.21	C
	4.2+7.1	3.87	6.53	---	---	---	3.79	10.40	10.78	0.79	3.11	3.34	3.34	C
	5.0+5.0	5.20	5.20	---	---	---	3.42	10.40	10.64	0.76	3.28	3.40	3.17	D
	5.0+6.0	4.73	5.67	---	---	---	3.70	10.40	10.88	0.75	3.08	3.31	3.38	C
	5.0+7.1	4.30	6.10	---	---	---	4.01	10.40	10.51	0.83	3.01	3.06	3.46	B
	6.0+6.0	5.20	5.20	---	---	---	3.99	10.40	10.71	0.76	2.88	3.04	3.61	A
	6.0+7.1	4.76	5.64	---	---	---	4.30	10.40	10.74	0.84	2.86	3.03	3.64	A
	7.1+7.1	5.20	5.20	---	---	---	4.61	10.40	10.77	0.89	2.85	3.02	3.65	A
	2.0+2.0+2.0	2.44	2.44	2.44	---	---	2.28	7.32	8.67	0.53	1.84	2.32	3.98	A
	2.0+2.0+2.5	2.44	2.44	3.04	---	---	2.43	7.92	9.21	0.55	2.05	2.58	3.86	A
	2.0+2.0+3.5	2.38	2.38	4.17	---	---	2.72	8.93	9.89	0.60	2.42	2.89	3.69	A
	2.0+2.0+4.2	2.30	2.30	4.81	---	---	2.91	9.41	9.89	0.64	2.62	2.89	3.59	B
	2.0+2.0+5.0	2.21	2.21	5.54	---	---	3.14	9.96	10.48	0.65	2.84	3.07	3.51	B
	2.0+2.0+6.0	2.08	2.08	6.24	---	---	3.42	10.40	10.71	0.66	2.87	3.04	3.62	A
	2.0+2.0+7.1	1.87	1.87	6.66	---	---	3.73	10.40	10.75	0.70	2.86	3.03	3.64	A
	2.0+2.5+2.5	2.43	3.05	3.05	---	---	2.57	8.53	9.21	0.57	2.28	2.58	3.74	A
	2.0+2.5+3.5	2.31	2.90	4.06	---	---	2.86	9.27	9.89	0.62	2.57	2.89	3.61	A
	2.0+2.5+4.2	2.24	2.80	4.71	---	---	3.06	9.75	10.36	0.67	2.78	3.12	3.51	B
	2.0+2.5+5.0	2.17	2.71	5.43	---	---	3.28	10.31	10.48	0.67	3.02	3.07	3.41	B
	2.0+2.5+6.0	1.98	2.48	5.94	---	---	3.56	10.40	10.71	0.68	2.87	3.04	3.62	A
	2.0+2.5+7.1	1.79	2.24	6.37	---	---	3.87	10.40	10.75	0.73	2.86	3.03	3.64	A
	2.0+3.5+3.5	2.22	3.87	3.87	---	---	3.14	9.96	10.36	0.69	2.89	3.12	3.45	B
	2.0+3.5+4.2	2.14	3.75	4.51	---	---	3.34	10.40	10.55	0.72	3.18	3.23	3.27	C
	2.0+3.5+5.0	1.98	3.47	4.95	---	---	3.56	10.40	10.90	0.72	3.07	3.30	3.39	C
	2.0+3.5+6.0	1.80	3.17	5.43	---	---	3.84	10.40	10.72	0.73	2.87	3.04	3.62	A
	2.0+3.5+7.1	1.65	2.89	5.86	---	---	4.15	10.40	10.75	0.81	2.86	3.03	3.64	A
	2.0+4.2+4.2	2.00	4.20	4.20	---	---	3.53	10.40	10.56	0.74	3.12	3.23	3.33	C
	2.0+4.2+5.0	1.86	3.90	4.64	---	---	3.76	10.40	10.91	0.77	3.07	3.30	3.39	C
	2.0+4.2+6.0	1.70	3.58	5.12	---	---	4.04	10.40	10.73	0.78	2.87	3.04	3.62	A
	2.0+4.2+7.1	1.56	3.28	5.56	---	---	4.35	10.40	10.76	0.83	2.86	3.02	3.64	A
	2.0+5.0+5.0	1.74	4.33	4.33	---	---	3.99	10.40	10.63	0.80	2.96	3.08	3.51	B
	2.0+5.0+6.0	1.60	4.00	4.80	---	---	4.27	10.40	10.86	0.79	2.77	2.99	3.75	A
	2.0+5.0+7.1	1.47	3.69	5.24	---	---	4.58	10.40	10.89	0.86	2.75	2.97	3.78	A
	2.0+6.0+6.0	1.48	4.46	4.46	---	---	4.55	10.40	11.09	0.82	2.62	2.90	3.97	A
	2.0+6.0+7.1	1.38	4.13	4.89	---	---	4.86	10.40	11.12	0.87	2.61	2.89	3.98	A
	2.5+2.5+2.5	2.98	2.98	2.98	---	---	2.72	8.94	9.88	0.60	2.42	2.89	3.69	A
	2.5+2.5+3.5	2.83	2.83	3.96	---	---	3.00	9.62	9.89	0.67	2.73	2.89	3.52	B
	2.5+2.5+4.2	2.74	2.74	4.62	---	---	3.20	10.10	10.36	0.69	3.01	3.12	3.36	C
	2.5+2.5+5.0	2.60	2.60	5.20	---	---	3.42	10.40	10.89	0.70	3.07	3.30	3.39	C
	2.5+2.5+6.0	2.36	2.36	5.68	---	---	3.70	10.40	10.71	0.71	2.87	3.04	3.62	A
	2.5+2.5+7.1	2.15	2.15	6.10	---	---	4.01	10.40	10.75	0.78	2.86	3.03	3.64	A
	2.5+3.5+3.5	2.71	3.80	3.80	---	---	3.28	10.31	10.76	0.72	3.12	3.35	3.30	C
	2.5+3.5+4.2	2.55	3.57	4.28	---	---	3.48	10.40	10.77	0.74	3.18	3.35	3.27	C
	2.5+3.5+5.0	2.36	3.31	4.73	---	---	3.70	10.40	10.90	0.75	3.07	3.30	3.39	C
	2.5+3.5+6.0	2.17	3.03	5.20	---	---	3.99	10.40	10.72	0.76	2.87	3.04	3.62	A
	2.5+3.5+7.1	1.98	2.78	5.64	---	---	4.30	10.40	10.75	0.83	2.86	3.03	3.64	A
	2.5+4.2+4.2	2.38	4.01	4.01	---	---	3.68	10.40	10.77	0.77	3.12	3.35	3.33	C
	2.5+4.2+5.0	2.23	3.73	4.44	---	---	3.90	10.40	10.91	0.80	3.07	3.30	3.39	C

Note: connected to 2.0, 2.5, 3.5, 4.2, 5.0kW wall mounted G series / op 6.0 en 7.1kW wall mounted F series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)					TOTAL CAPACITY			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
5MXS90E*	2.5+4.2+6.0	2.05	3.44	4.91	---	---	4.18	10.40	10.73	0.81	2.87	3.04	3.62	A
	2.5+4.2+7.1	1.88	3.17	5.35	---	---	4.49	10.40	10.76	0.86	2.86	3.02	3.64	A
	2.5+5.0+5.0	2.08	4.16	4.16	---	---	4.13	10.40	10.63	0.83	2.96	3.08	3.51	B
	2.5+5.0+6.0	1.93	3.85	4.62	---	---	4.41	10.40	10.86	0.84	2.77	2.99	3.75	A
	2.5+5.0+7.1	1.78	3.56	5.06	---	---	4.72	10.40	10.89	0.89	2.75	2.97	3.78	A
	2.5+6.0+6.0	1.80	4.30	4.30	---	---	4.69	10.40	11.09	0.85	2.62	2.90	3.97	A
	2.5+6.0+7.1	1.67	4.00	4.73	---	---	5.00	10.40	11.12	0.90	2.61	2.89	3.98	A
	3.5+3.5+3.5	3.46	3.46	3.46	---	---	3.56	10.38	10.76	0.77	3.12	3.35	3.33	C
	3.5+3.5+4.2	3.25	3.25	3.90	---	---	3.76	10.40	10.77	0.80	3.12	3.35	3.33	C
	3.5+3.5+5.0	3.03	3.03	4.34	---	---	3.99	10.40	10.91	0.83	3.07	3.30	3.39	C
	3.5+3.5+6.0	2.80	2.80	4.80	---	---	4.27	10.40	10.73	0.84	2.87	3.04	3.62	A
	3.5+3.5+7.1	2.58	2.58	5.24	---	---	4.58	10.40	10.76	0.89	2.86	3.02	3.64	A
	3.5+4.2+4.2	3.06	3.67	3.67	---	---	3.96	10.40	10.78	0.85	3.11	3.34	3.34	C
	3.5+4.2+5.0	2.87	3.44	4.09	---	---	4.18	10.40	10.51	0.85	3.01	3.12	3.46	B
	3.5+4.2+6.0	2.66	3.19	4.55	---	---	4.46	10.40	10.74	0.87	2.87	3.03	3.62	A
	3.5+4.2+7.1	2.46	2.95	4.99	---	---	4.78	10.40	10.77	0.95	2.85	3.02	3.65	A
	3.5+5.0+5.0	2.70	3.85	3.85	---	---	4.41	10.40	10.64	0.89	2.96	3.07	3.51	B
	3.5+5.0+6.0	2.51	3.59	4.30	---	---	4.69	10.40	10.86	0.90	2.76	2.98	3.77	A
	3.5+5.0+7.1	2.34	3.33	4.73	---	---	5.00	10.40	10.90	0.95	2.75	2.97	3.78	A
	3.5+6.0+6.0	2.34	4.03	4.03	---	---	4.97	10.40	11.09	0.91	2.62	2.90	3.97	A
	4.2+4.2+4.2	3.47	3.47	3.47	---	---	4.15	10.40	10.79	0.88	3.11	3.34	3.34	C
	4.2+4.2+5.0	3.26	3.26	3.88	---	---	4.38	10.40	10.52	0.91	3.00	3.12	3.47	B
	4.2+4.2+6.0	3.03	3.03	4.34	---	---	4.66	10.40	10.75	0.92	2.86	3.03	3.64	A
	4.2+4.2+7.1	2.82	2.82	4.76	---	---	4.97	10.40	10.78	0.98	2.85	3.02	3.65	A
	4.2+5.0+5.0	3.08	3.66	3.66	---	---	4.61	10.40	10.64	0.91	2.96	3.07	3.51	B
	4.2+5.0+6.0	2.87	3.42	4.11	---	---	4.89	10.40	10.87	0.93	2.76	2.98	3.77	A
	5.0+5.0+5.0	3.46	3.46	3.46	---	---	4.83	10.38	10.77	0.95	2.85	3.02	3.64	A
	2.0+2.0+2.0+2.0	2.32	2.32	2.32	2.32	---	2.86	9.28	10.18	0.57	2.39	2.76	3.88	A
	2.0+2.0+2.0+2.5	2.26	2.26	2.26	2.84	---	3.00	9.62	10.18	0.59	2.49	2.76	3.86	A
	2.0+2.0+2.0+3.5	2.17	2.17	2.17	3.80	---	3.28	10.31	10.73	0.63	2.81	3.04	3.67	A
	2.0+2.0+2.0+4.2	2.04	2.04	2.04	4.28	---	3.48	10.40	10.74	0.66	2.87	3.03	3.62	A
	2.0+2.0+2.0+5.0	1.89	1.89	1.89	4.73	---	3.70	10.40	10.86	0.68	2.76	2.99	3.77	A
	2.0+2.0+2.0+6.0	1.73	1.73	1.73	5.21	---	3.99	10.40	11.09	0.69	2.62	2.90	3.97	A
	2.0+2.0+2.0+7.1	1.59	1.59	1.59	5.63	---	4.30	10.40	11.12	0.74	2.61	2.88	3.98	A
	2.0+2.0+2.5+2.5	2.21	2.21	2.77	2.77	---	3.14	9.96	10.72	0.61	2.65	3.04	3.76	A
	2.0+2.0+2.5+3.5	2.08	2.08	2.60	3.64	---	3.42	10.40	10.73	0.66	2.87	3.04	3.62	A
	2.0+2.0+2.5+4.2	1.94	1.94	2.44	4.08	---	3.62	10.40	10.74	0.68	2.87	3.03	3.62	A
	2.0+2.0+2.5+5.0	1.81	1.81	2.26	4.52	---	3.84	10.40	10.86	0.71	2.76	2.99	3.77	A
	2.0+2.0+2.5+6.0	1.66	1.66	2.08	5.00	---	4.13	10.40	11.09	0.72	2.62	2.90	3.97	A
	2.0+2.0+2.5+7.1	1.53	1.53	1.91	5.43	---	4.44	10.40	11.12	0.79	2.61	2.88	3.98	A
	2.0+2.0+3.5+3.5	1.89	1.89	3.31	3.31	---	3.70	10.40	10.74	0.71	2.87	3.03	3.62	A
	2.0+2.0+3.5+4.2	1.78	1.78	3.11	3.73	---	3.90	10.40	10.74	0.76	2.86	3.03	3.64	A
	2.0+2.0+3.5+5.0	1.66	1.66	2.91	4.17	---	4.13	10.40	10.87	0.76	2.76	2.98	3.77	A
	2.0+2.0+3.5+6.0	1.54	1.54	2.70	4.62	---	4.41	10.40	11.10	0.77	2.61	2.89	3.98	A
	2.0+2.0+3.5+7.1	1.42	1.42	2.49	5.07	---	4.72	10.40	11.13	0.84	2.60	2.88	4.00	A
	2.0+2.0+4.2+4.2	1.68	1.68	3.52	3.52	---	4.10	10.40	10.75	0.78	2.86	3.03	3.64	A
	2.0+2.0+4.2+5.0	1.58	1.58	3.31	3.93	---	4.32	10.40	10.88	0.81	2.76	2.98	3.77	A
	2.0+2.0+4.2+6.0	1.46	1.46	3.09	4.39	---	4.61	10.40	11.11	0.82	2.61	2.89	3.98	A
	2.0+2.0+4.2+7.1	1.36	1.36	2.85	4.83	---	4.92	10.40	11.14	0.90	2.60	2.88	4.00	A
	2.0+2.0+5.0+5.0	1.49	1.49	3.71	3.71	---	4.55	10.40	11.01	0.84	2.71	2.93	3.84	A
	2.0+2.0+5.0+6.0	1.39	1.39	3.47	4.15	---	4.83	10.40	11.23	0.85	2.51	2.90	4.14	A
	2.0+2.5+2.5+2.5	2.18	2.71	2.71	2.71	---	3.28	10.31	10.72	0.64	2.82	3.04	3.66	A
	2.0+2.5+2.5+3.5	1.97	2.48	2.48	3.47	---	3.56	10.40	10.73	0.68	2.87	3.04	3.62	A
	2.0+2.5+2.5+4.2	1.86	2.32	2.32	3.90	---	3.76	10.40	10.74	0.73	2.87	3.03	3.62	A
	2.0+2.5+2.5+5.0	1.73	2.17	2.17	4.33	---	3.99	10.40	10.86	0.73	2.76	2.99	3.77	A
	2.0+2.5+2.5+6.0	1.60	2.00	2.00	4.80	---	4.27	10.40	11.09	0.74	2.62	2.90	3.97	A
	2.0+2.5+2.5+7.1	1.48	1.84	1.84	5.24	---	4.58	10.40	11.12	0.82	2.61	2.88	3.98	A
	2.0+2.5+3.5+3.5	1.80	2.26	3.17	3.17	---	3.84	10.40	10.74	0.73	2.87	3.03	3.62	A
	2.0+2.5+3.5+4.2	1.71	2.13	2.98	3.58	---	4.04	10.40	10.74	0.78	2.86	3.03	3.64	A
	2.0+2.5+3.5+5.0	1.60	2.00	2.80	4.00	---	4.27	10.40	10.87	0.78	2.76	2.98	3.77	A
	2.0+2.5+3.5+6.0	1.48	1.86	2.60	4.46	---	4.55	10.40	11.10	0.82	2.61	2.89	3.98	A
	2.0+2.5+3.5+7.1	1.38	1.72	2.41	4.89	---	4.86	10.40	11.13	0.87	2.60	2.88	4.00	A
	2.0+2.5+4.2+4.2	1.61	2.01	3.39	3.39	---	4.24	10.40	10.75	0.81	2.86	3.03	3.64	A
	2.0+2.5+4.2+5.0	1.52	1.90	3.19	3.79	---	4.46	10.40	10.88	0.84	2.76	2.98	3.77	A
	2.0+2.5+4.2+6.0	1.42	1.77	2.97	4.24	---	4.75	10.40	11.11	0.85	2.61	2.89	3.98	A
	2.0+2.5+5.0+5.0	1.43	1.79	3.59	3.59	---	4.69	10.40	11.01	0.87	2.71	2.93	3.84	A
	2.0+2.5+5.0+6.0	1.34	1.68	3.35	4.03	---	4.97	10.40	11.23	0.88	2.51	2.90	4.14	A
	2.0+3.5+3.5+3.5	1.67	2.91	2.91	2.91	---	4.13	10.40	10.74	0.78	2.86	3.03	3.64	A
	2.0+3.5+3.5+4.2	1.58	2.76	2.76	3.30	---	4.32	10.40	10.75	0.84	2.86	3.03	3.64	A
	2.0+3.5+3.5+5.0	1.49	2.60	2.60	3.71	---	4.55	10.40	10.88	0.87	2.76	2.98	3.77	A
	2.0+3.5+3.5+6.0	1.38	2.43	2.43	4.16	---	4.83	10.40	11.11	0.87	2.61	2.89	3.98	A
	2.0+3.5+4.2+4.2	1.50	2.62	3.14	3.14	---	4.52	10.40	10.76	0.89	2.86	3.02	3.64	A
	2.0+3.5+4.2+5.0	1.41	2.48	2.97	3.54	---	4.75	10.40	10.89	0.89	2.75	2.98	3.78	A
	2.0+3.5+5.0+5.0	1.35	2.35	3.35	3.35	---	4.97	10.40	11.01	0.92	2.65	2.93	3.92	A
	2.0+4.2+4.2+4.2	1.43	2.99	2.99	2.99	---	4.72	10.40	10.77	0.92	2.85	3.02	3.65	A

Note: connected to 2.0.2.5.3.5.4.25.0kW

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)					TOTAL CAPACITY			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
5MXS90E*	2.0+4.2+4.2+5.0	1.35	2.84	2.84	3.37	---	4.94	10.40	10.90	0.95	2.75	2.97	3.78	A
	2.5+2.5+2.5+2.5	2.60	2.60	2.60	2.60	---	3.42	10.40	10.72	0.66	2.87	3.04	3.62	A
	2.5+2.5+2.5+3.5	2.36	2.36	2.36	3.32	---	3.70	10.40	10.73	0.71	2.87	3.04	3.62	A
	2.5+2.5+2.5+4.2	2.22	2.22	2.22	3.74	---	3.90	10.40	10.74	0.76	2.87	3.03	3.62	A
	2.5+2.5+2.5+5.0	2.08	2.08	2.08	4.16	---	4.13	10.40	10.86	0.76	2.76	2.99	3.77	A
	2.5+2.5+2.5+6.0	1.93	1.93	1.93	4.61	---	4.41	10.40	11.09	0.77	2.62	2.90	3.97	A
	2.5+2.5+2.5+7.1	1.78	1.78	1.78	5.06	---	4.72	10.40	11.12	0.84	2.61	2.88	3.98	A
	2.5+2.5+3.5+3.5	2.17	2.17	3.03	3.03	---	3.99	10.40	10.74	0.76	2.87	3.03	3.62	A
	2.5+2.5+3.5+4.2	2.05	2.05	2.87	3.43	---	4.18	10.40	10.74	0.81	2.86	3.03	3.64	A
	2.5+2.5+3.5+5.0	1.93	1.93	2.70	3.84	---	4.41	10.40	10.87	0.84	2.76	2.98	3.77	A
	2.5+2.5+3.5+6.0	1.79	1.79	2.51	4.31	---	4.69	10.40	11.10	0.85	2.61	2.89	3.98	A
	2.5+2.5+3.5+7.1	1.67	1.67	2.33	4.73	---	5.00	10.40	11.13	0.90	2.60	2.88	4.00	A
	2.5+2.5+4.2+4.2	1.94	1.94	3.26	3.26	---	4.38	10.40	10.75	0.84	2.86	3.03	3.64	A
	2.5+2.5+4.2+5.0	1.83	1.83	3.08	3.66	---	4.61	10.40	10.88	0.87	2.76	2.98	3.77	A
	2.5+2.5+4.2+6.0	1.71	1.71	2.87	4.11	---	4.89	10.40	11.11	0.87	2.61	2.89	3.98	A
	2.5+2.5+5.0+5.0	1.73	1.73	3.47	3.47	---	4.83	10.40	11.01	0.90	2.71	2.93	3.84	A
	2.5+3.5+3.5+3.5	2.00	2.80	2.80	2.80	---	4.27	10.40	10.74	0.84	2.86	3.03	3.64	A
	2.5+3.5+3.5+4.2	1.90	2.66	2.66	3.18	---	4.46	10.40	10.75	0.86	2.86	3.03	3.64	A
	2.5+3.5+3.5+5.0	1.79	2.51	2.51	3.59	---	4.69	10.40	10.88	0.89	2.76	2.98	3.77	A
	2.5+3.5+3.5+6.0	1.67	2.35	2.35	4.03	---	4.97	10.40	11.11	0.90	2.61	2.89	3.98	A
	2.5+3.5+4.2+4.2	1.81	2.53	3.03	3.03	---	4.66	10.40	10.76	0.92	2.86	3.02	3.64	A
	2.5+3.5+4.2+5.0	1.72	2.39	2.87	3.42	---	4.89	10.40	10.89	0.92	2.75	2.98	3.78	A
	2.5+4.2+4.2+4.2	1.73	2.89	2.89	2.89	---	4.86	10.40	10.77	0.95	2.85	3.02	3.65	A
	3.5+3.5+3.5+3.5	2.60	2.60	2.60	2.60	---	4.55	10.40	10.75	0.89	2.86	3.03	3.64	A
	3.5+3.5+3.5+4.2	2.48	2.48	2.48	2.96	---	4.75	10.40	10.76	0.92	2.86	3.02	3.64	A
	3.5+3.5+3.5+5.0	2.35	2.35	2.35	3.35	---	4.97	10.40	10.89	0.95	2.76	2.98	3.77	A
	3.5+3.5+4.2+4.2	2.36	2.36	2.84	2.84	---	4.94	10.40	10.77	0.98	2.85	3.02	3.65	A
	2.0+2.0+2.0+2.0+2.0	2.08	2.08	2.08	2.08	2.08	3.42	10.40	11.10	0.58	2.62	2.89	3.97	A
	2.0+2.0+2.0+2.0+2.5	1.98	1.98	1.98	1.98	2.48	3.56	10.40	11.10	0.60	2.62	2.89	3.97	A
	2.0+2.0+2.0+2.0+3.5	1.81	1.81	1.81	1.81	3.16	3.84	10.40	11.11	0.67	2.61	2.89	3.98	A
	2.0+2.0+2.0+2.0+4.2	1.70	1.70	1.70	1.70	3.60	4.04	10.40	11.11	0.69	2.61	2.89	3.98	A
	2.0+2.0+2.0+2.0+5.0	1.60	1.60	1.60	1.60	4.00	4.27	10.40	11.24	0.71	2.51	2.90	4.14	A
	2.0+2.0+2.0+2.0+6.0	1.49	1.49	1.49	1.49	4.44	4.55	10.40	11.47	0.72	2.38	2.81	4.37	A
	2.0+2.0+2.0+2.0+7.1	1.38	1.38	1.38	1.38	4.88	4.86	10.40	11.50	0.79	2.36	2.79	4.41	A
	2.0+2.0+2.0+2.5+2.5	1.90	1.90	1.90	2.35	2.35	3.70	10.40	11.10	0.62	2.62	2.89	3.97	A
	2.0+2.0+2.0+2.5+3.5	1.73	1.73	1.73	2.17	3.04	3.99	10.40	11.11	0.69	2.61	2.89	3.98	A
	2.0+2.0+2.0+2.5+4.2	1.64	1.64	1.64	2.05	3.43	4.18	10.40	11.11	0.71	2.61	2.89	3.98	A
	2.0+2.0+2.0+2.5+5.0	1.54	1.54	1.54	1.93	3.85	4.41	10.40	11.24	0.74	2.51	2.90	4.14	A
	2.0+2.0+2.0+2.5+6.0	1.43	1.43	1.43	1.80	4.31	4.69	10.40	11.47	0.74	2.38	2.81	4.37	A
	2.0+2.0+2.0+2.5+7.1	1.33	1.33	1.33	1.67	4.74	5.00	10.40	11.50	0.82	2.36	2.79	4.41	A
	2.0+2.0+2.0+3.5+3.5	1.90	1.90	1.90	2.35	2.35	3.70	10.40	11.10	0.62	2.62	2.89	3.97	A
	2.0+2.0+2.0+3.5+4.2	1.52	1.52	1.52	2.66	3.18	4.46	10.40	11.12	0.79	2.55	2.89	4.08	A
	2.0+2.0+2.0+3.5+5.0	1.43	1.43	1.43	2.51	3.60	4.69	10.40	11.25	0.82	2.51	2.89	4.14	A
	2.0+2.0+2.0+3.5+6.0	1.34	1.34	1.34	2.35	4.03	4.97	10.40	11.48	0.82	2.37	2.80	4.39	A
	2.0+2.0+2.0+4.2+4.2	1.44	1.44	1.44	3.04	3.04	4.66	10.40	11.13	0.81	2.55	2.88	4.08	A
	2.0+2.0+2.0+4.2+5.0	1.37	1.37	1.37	2.87	3.42	4.89	10.40	11.26	0.84	2.56	2.95	4.06	A
	2.0+2.0+2.5+2.5+2.5	1.81	1.81	2.26	2.26	2.26	3.84	10.40	11.10	0.67	2.62	2.89	3.97	A
	2.0+2.0+2.5+2.5+3.5	1.66	1.66	2.08	2.08	2.92	4.13	10.40	11.11	0.71	2.61	2.89	3.98	A
	2.0+2.0+2.5+2.5+4.2	1.58	1.58	1.97	1.97	3.30	4.32	10.40	11.11	0.74	2.56	2.89	4.06	A
	2.0+2.0+2.5+2.5+5.0	1.49	1.49	1.86	1.86	3.70	4.55	10.40	11.24	0.76	2.51	2.90	4.14	A
	2.0+2.0+2.5+2.5+6.0	1.39	1.39	1.73	1.73	4.16	4.83	10.40	11.47	0.80	2.38	2.81	4.37	A
	2.0+2.0+2.5+3.5+3.5	1.54	1.54	1.92	2.70	2.70	4.41	10.40	11.11	0.76	2.61	2.89	3.98	A
	2.0+2.0+2.5+3.5+4.2	1.46	1.46	1.84	2.56	3.08	4.61	10.40	11.12	0.82	2.55	2.89	4.08	A
	2.0+2.0+2.5+3.5+5.0	1.39	1.39	1.72	2.43	3.47	4.83	10.40	11.25	0.84	2.51	2.89	4.14	A
	2.0+2.0+2.5+4.2+4.2	1.40	1.40	1.74	2.93	2.93	4.80	10.40	11.13	0.87	2.60	2.94	4.00	A
	2.0+2.0+3.5+3.5+3.5	1.44	1.44	2.52	2.50	2.50	4.69	10.40	11.12	0.84	2.61	2.89	3.98	A
	2.0+2.0+3.5+3.5+4.2	1.37	1.37	2.40	2.39	2.87	4.89	10.40	11.13	0.87	2.60	2.94	4.00	A
	2.0+2.5+2.5+2.5+2.5	1.72	2.17	2.17	2.17	2.17	3.99	10.40	11.10	0.69	2.62	2.89	3.97	A
	2.0+2.5+2.5+2.5+3.5	1.60	2.00	2.00	2.00	2.80	4.27	10.40	11.11	0.74	2.61	2.89	3.98	A
	2.0+2.5+2.5+2.5+4.2	1.52	1.90	1.90	1.90	3.18	4.46	10.40	11.11	0.79	2.56	2.89	4.06	A
	2.0+2.5+2.5+2.5+5.0	1.44	1.79	1.79	1.79	3.59	4.69	10.40	11.24	0.82	2.51	2.90	4.14	A
	2.0+2.5+2.5+2.5+6.0	1.33	1.68	1.68	1.68	4.03	4.97	10.40	11.47	0.82	2.38	2.81	4.37	A
	2.0+2.5+2.5+3.5+3.5	1.48	1.86	1.86	2.60	2.60	4.55	10.40	11.11	0.82	2.61	2.89	3.98	A
	2.0+2.5+2.5+3.5+4.2	1.41	1.77	1.77	2.48	2.97	4.75	10.40	11.12	0.84	2.55	2.89	4.08	A
	2.0+2.5+2.5+3.5+5.0	1.34	1.68	1.68	2.35	3.35	4.97	10.40	11.25	0.87	2.51	2.89	4.14	A
	2.0+2.5+2.5+4.2+4.2	1.34	1.69	1.69	2.84	2.84	4.94	10.40	11.13	0.90	2.60	2.94	4.00	A
	2.0+2.5+3.5+3.5+3.5	1.38	1.73	2.43	2.43	2.43	4.83	10.40	11.12	0.87	2.61	2.89	3.98	A
	2.5+2.5+2.5+2.5+2.5	2.08	2.08	2.08	2.08	2.08	4.13	10.40	11.10	0.72	2.62	2.89	3.97	A
	2.5+2.5+2.5+2.5+3.5	1.93	1.93	1.93	1.93	2.68	4.41	10.40	11.11	0.77	2.61	2.89	3.98	A
	2.5+2.5+2.5+2.5+4.2	1.83	1.83	1.83	1.83	3.08	4.61	10.40	11.11	0.82	2.56	2.89	4.06	A
	2.5+2.5+2.5+2.5+5.0	1.73	1.73	1.73	1.73	3.48	4.83	10.40	11.24	0.85	2.51	2.90	4.14	A
	2.5+2.5+2.5+3.5+3.5	1.80	1.80	1.80	2.50	2.50	4.69	10.40	11.11	0.85	2.61	2.89	3.98	A
	2.5+2.5+2.5+3.5+4.2	1.71	1.71	1.71	2.40	2.87	4.89	10.40	11.12	0.87	2.61	2.89	3.98	A
	2.5+2.5+3.5+3.5+3.5	1.69	1.69	2.34	2.34	2.34	4.97	10.40	11.12	0.90	2.61	2.89	3.98	A

Note: connected to 2.0.2.5.3.5.4.25.0kW

* This page contains preliminary data

INVERTER

- Energy efficient heating system based on air source heat pump technology
- Low energy bills and low CO_2 emissions
- Possibility to connect up to 9 indoor units
- All indoor units can be individually controlled and do not need to be installed in the same room or even at the same time
- Possibility to combine different types of indoor units: wall mounted, floor standing, concealed ceiling, ceiling suspended units, round flow or 4-way blow cassettes
- Slim design for flexible installation
- 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand

Heating & Cooling

CONNECTABLE INDOOR UNITS	Wall mounted														Floor standing						Concealed ceiling								Flexi type				Round flow cassette			4-way blow cassette				Ceiling suspended		
	FTXG-J			CTXS-K		FTXS-K		FTXS-J/G							FVXG-K			FVXS-F			FDBQ-B	FDXS-E		FDXS-C		FBQ-C			FLXS-B				FCQG-F			FFQ-B9V				FHQ-B		
	25	35	50	15	35	20	25	20	25	35	42	50	60	71	25	35	50	25	35	50	25	25	35	50	60	35	50	60	25	35	50	60	35	50	60	25	35	50	60	35	50	60
RXYSQ-P8V1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

CONNECTABLE INDOOR UNITS						
Indoor unit					*FTXG25JA	*FTXG35JA	*FTXG50JA
Casing	Colour				Brushed aluminium		
Dimensions	Unit	HeightxWidthxDepth		mm	295x915x155		
Weight	Unit			kg	11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom./Low/Silent operation		m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1
Sound power level	Cooling	High		dBA	54	58	60
	Heating	High		dBA	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation		dBA	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.52		12.7
	Drain				18		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit					FTXG25JW	FTXG35JW	FTXG50JW
Casing	Colour				Matt crystal white		
Dimensions	Unit	HeightxWidthxDepth		mm	295x915x155		
Weight	Unit			kg	11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom./Low/Silent operation		m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1
Sound power level	Cooling	High		dBA	54	58	60
	Heating	High		dBA	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation		dBA	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.52		12.70
	Drain				18		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS								
Indoor unit				*FTXS20K	*FTXS25K	*CTXS15K	*CTXS35K	
Casing	Colour			White		White		
Dimensions	Unit	HeightxWidthxDepth	mm	289x780x215		289x780x215		
Weight	Unit		kg	7		7		
Fan - Air flow rate	Cooling	High	m^3/min	8.5	9.1	8.5	9.4	
	Heating	High	m^3/min	9.5	10.0	9.5	10.4	
Sound power level	Cooling	High	dBA	54	57	-	-	
	Heating	High	dBA	54	58	-	-	
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/19	41/34/26/19	38/32/25/21	42/35/27/21	
	Heating	High/Nom./Low/Silent operation	dBA	38/33/28/19	42/35/28/19	38/32/28/21	43/36/29/21	
Refrigerant	Type			R-410A		R-410A		
Piping connections	Liquid	OD	mm	-		-		
	Gas	OD	mm	-		-		
	Drain			-		-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS									
Indoor unit				FTXS20J	FTXS35J	FTXS42J	FTXS50J	FTXS60G	FTXS71G
Casing	Colour			White					
Dimensions	Unit	HeightxWidthxDepth	mm	295x800x215				290x1,050x250	
Weight	Unit		kg	9	10			12	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	9.4/7.4/5.5/4.1	11.4/8.7/5.8/4.4	11.3/9.0/6.8/5.9	11.6/9.2/7.0/6.0	16.0/13.5/11.3/10.1	17.2/14.5/11.5/10.5
	Heating	High/Nom./Low/Silent operation	m^3/min	9.9/8.2/6.6/6.2	12.4/9.5/6.8/6.0	12.2/9.7/7.3/6.4	12.1/9.8/7.6/6.7	17.2/14.9/12.6/11.3	19.5/16.7/14.2/12.6
Sound power level	Cooling	Nom.	dBA	54	61		62	61	62
	Heating	Nom.	dBA	54	61		63	60	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	45/37/29/23	45/39/33/30	46/40/34/31	45/41/36/33	46/42/37/34
	Heating	High/Nom./Low/Silent operation	dBA	38/33/28/25	45/39/29/26	45/39/33/30	47/41/34/31	44/40/35/32	46/42/37/34
Refrigerant	Type			R-410A					
Piping connections	Liquid	OD	mm	6.35					
	Gas	OD	mm	9.52			12.7		15.9
	Drain			I.D. 14.0/O.D. 18.0				18.0	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240					

CONNECTABLE INDOOR UNITS						
Indoor unit				FTX20JV	FTX25JV	FTX35JV
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	283x770x198		
Weight	Unit		kg	7		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	9.1/7.4/5.9/4.7	9.2/7.6/6.0/4.8	9.3/7.7/6.1/4.9
	Heating	High/Nom./Low/Silent operation	m^3/min	9.4/7.8/6.3/5.5	9.7/8.0/6.3/5.5	10.1/8.4/6.7/5.7
Sound power level	Cooling	Nom.	dBA	55	56	57
	Heating	Nom.	dBA	55	56	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	39/33/25/22	40/33/26/22	41/34/27/23
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	40/34/28/25	41/35/29/26
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit				FVXG25K	FVXG35K	FVXG50K
Casing	Colour			Fresh white (6.5Y 9.5/0.5)		
Dimensions	Unit	HeightxWidthxDepth	mm	600x950x215		
Weight	Unit		kg	22		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5	10.6/8.9/7.3/6.0
	Heating	High/Nom./Low/Silent operation	m^3/min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0	12.2/10.0/7.8/6.8
Sound power level	Cooling	Nom.	dBA	54	55	56
	Heating	Nom.	dBA	55	56	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation/Radiant heat	dBA	39/32/26/22/19	40/33/27/23/19	46/40/34/30/20
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.50		12.70
	Drain			18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS						
Indoor unit				FVXS25F	FVXS35F	FVXS50F
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210		
Weight	Unit		kg	14		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5	10.7/9.2/7.8/6.6
	Heating	High/Nom./Low/Silent operation	m^3/min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7	11.8/10.1/8.5/7.1
Sound power level	Cooling	High	dBA	54	55	56
	Heating	High	dBA	54	55	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	45/40/36/32
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.7
	Drain			20		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS							
Indoor unit				FDXS25E	FDXS35E	FDXS50C	FDXS60C
Casing	Colour			Unpainted			
Dimensions	Unit	HeightxWidthxDepth	mm	200x700x620		200x900x620	200x1,100x620
Weight	Unit		kg	21.0		27.0	30.0
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
	Heating	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
Fan - External static pressure	Nom.		Pa	30		40	
Sound power level	Cooling	High	dBA	53.0		55.0	56.0
	Heating	High	dBA	53.0		55.0	56.0
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
	Heating	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			VP20 (I.D. 20/O.D. 26)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			

CONNECTABLE INDOOR UNITS							
Indoor unit				FLXS25B	FLXS35B	FLXS50B	FLXS60B
Casing	Colour			Almond white			
Dimensions	Unit	HeightxWidthxDepth	mm	490x1,050x200			
Weight	Unit		kg	16		17	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	7.6/6.8/6.0/5.2	8.6/7.6/6.6/5.6	11.4/10.0/8.5/7.5	12.0/10.7/9.3/8.3
	Heating	High/Nom./Low/Silent operation	m^3/min	9.2/8.3/7.4/6.6	9.8/8.9/8.0/7.2	12.1/9.8/7.5/6.8	12.8/10.6/8.4/7.5
Sound power level	Cooling	High	dBA	53	54	63	64
	Heating	High	dBA	53	55	62	63
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/34/31/28	38/35/32/29	47/43/39/36	48/45/41/39
	Heating	High/Nom./Low/Silent operation	dBA	37/34/31/29	39/36/33/30	46/41/35/33	47/42/37/34
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			18			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			

CONNECTABLE INDOOR UNITS				
Indoor unit				FDBQ25B
Casing	Colour			Unpainted
Dimensions	Unit	HeightxWidthxDepth	mm	230x652x502
Weight	Unit		kg	17.0
Fan - Air flow rate	Cooling	High/Low	m^3/min	6.50/5.20
	Heating	High/Low	m^3/min	6.95/5.20
Sound power level	Cooling	High/Low	dBA	55.0/49.0
	Heating	High/Low	dBA	55.0/49.0
Sound pressure level	Cooling	High/Low	dBA	35.0/28.0
	Heating	High/Low	dBA	35.0/29.0
Refrigerant	Type			R-410A
Piping connections	Liquid	OD	mm	6.35
	Gas	OD	mm	9.52
	Drain			27.2
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230

CONNECTABLE INDOOR UNITS						
Indoor unit				*FBQ35C8	*FBQ50C8	*FBQ60C8
Casing	Colour			Unpainted		
Dimensions	Unit	HeightxWidthxDepth	mm	300x700x700		300x1,000x700
Required ceiling void >			mm	350		
Weight	Unit		kg	25		34
Decoration panel	Model			BYBS45DJW1		BYBS71DJW1
	Colour			White (10Y9/0.5)		
	Dimensions	HeightxWidthxDepth	mm	55x800x500		55x1,100x500
	Weight		kg	3.5		4.5
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	16/-/11/-		18/-/15/-
	Heating	High/Nom./Low/Silent operation	m^3/min	16/-/11/-		18/-/15/-
Fan - External static pressure	High/Nom.		Pa	100/30		
Sound power level	Cooling	High	dBA	63		57
	Heating	High	dBA	-		
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/-/29/-		
	Heating	High/Nom./Low/Silent operation	dBA	37/-/29/-		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52	12.70	
	Drain			VP25 (O.D. 32 / I.D. 25)		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

CONNECTABLE INDOOR UNITS						
Indoor units				*FCQG35F	*FCQG50F	*FCQG60F
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		
Weight	Unit		kg	19		
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]		
	Colour			Pure White(RAL 9010)		
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950		
	Weight		kg	5.5 / 5.5 / 11.5		
Sound power level	Cooling	High	dBA	-		
Sound pressure level	Cooling	High/Low	dBA	-		
	Heating	High/Low	dBA	-		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	-		
	Gas	OD	mm	-		
	Drain			-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

CONNECTABLE INDOOR UNITS							
Indoor unit				FFQ25B9V	FFQ35B9V	FFQ50B9V	FFQ60B9V
Casing	Colour			-			
Dimensions	Unit	HeightxWidthxDepth	mm	286x575x575			
Weight	Unit		kg	17.5			
Decoration panel	Model			BYFQ60BAW1			
	Colour			White			
	Dimensions	HeightxWidthxDepth	mm	55x700x700			
	Weight		kg	2.7			
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	9.0/-/6.5/-	10.0/-/6.5/-	12.0/-/8.0/-	15.0/-/10.0/-
	Heating	High/Nom./Low/Silent operation	m^3/min	9.0/-/6.5/-	10.0/-/6.5/-	12.0/-/8.0/-	15.0/-/10.0/-
Sound power level	Cooling	High	dBA	46.5	49.0	53.0	58.0
	Heating	High	dBA	-			
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	29.5/-/24.5/-	32.0/-/25.0/-	36.0/-/27.0/-	41.0/-/32.0/-
	Heating	High/Nom./Low/Silent operation	dBA	29.5/-/24.5/-	32.0/-/25.0/-	36.0/-/27.0/-	41.0/-/32.0/-
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			26			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230			

[2] Pure white standard panel with grey louvers / [3] Pure white standard panel with white louvers / [4] Pure white auto cleaning panel

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS							
Indoor unit					FHQ35B	FHQ50B	FHQ60B
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	195x960x680		195x1,160x680
Weight	Unit			kg	24	25	27
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	13/-/10/-		17/-/13/-
	Heating	High/Nom./Low/Silent operation		m^3/min	13/-/10/-		16/-/13/-
Sound power level	Cooling	High/Nom./Low		dBA	53/-/48	54/-/49	55/-/49
	Heating	High/Nom./Low		dBA	53/-/48	54/-/49	55/-/49
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	37/-/32/-	38/-/33/-	39/-/33/-
	Heating	High/Nom./Low/Silent operation		dBA	37/-/32/-	38/-/33/-	39/-/33/-
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.52	12.70	
	Drain				VP20 (I.D. 20/O.D. 26)		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

CONNECTABLE OUTDOOR UNITS							
Outdoor unit					RXYSQ4P8V1	RXYSQ5P8V1	RXYSQ6P8V1
Capacity range				HP	4	5	6
Cooling capacity	Nom.			kW	11.2	14.0	15.5
Heating capacity	Nom.			kW	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.		kW	2.81	3.51	4.53
	Heating	Nom.		kW	2.74	3.86	4.57
EER					3.99	3.99	3.42
COP					4.56	4.15	3.94
Maximum number of connectable indoor units					6	8	9
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320		
Weight	Unit			kg	120		
Sound power level	Cooling	Nom.		dBA	66	67	69
Sound pressure level	Cooling	Nom.		dBA	50	51	53
	Heating	Nom.		dBA	52	53	55
Operation range	Cooling	Min.~Max.		°CDB	-5~46		
	Heating	Min.~Max.		°CWB	-20~15.5		
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	9.52		
	Gas	OD		mm	19.1		
	Piping length	OU - IU	Max.	m	150		
	Total piping length	System	Actual	m	115	135	145
	Level difference	OU - IU		m	40 (Outdoor unit in highest position) / 30 (Indoor unit in highest position)		
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	32.0		

Branch provider			BPMKS967B2	BPMKS967B3
Connectable indoor units			1~2	1~3
Max. indoor unit connectable capacity			14.2	20.8
Max. connectable combination			71+71	60+71+71
Dimensions	Height x Width x Depth	mm	180x294x350	
Weight		kg	7	8

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...and prepare for a monumental change.

DAIKIN LEADS THE WAY to SEASONAL EFFICIENCY

Seasonal efficiency is a new energy efficiency measure that will be the standard as of 2013. A true monumental change. Products optimised for seasonal efficiency consume less energy and put less burden on the environment. And on your wallet. At **Daikin** we already go seasonal today. That is why we are **the first in the industry** to launch products optimized for seasonal efficiency. The seasonal performance values of our products.

Energy efficiency is no longer a blind spot. Find out more on *www.daikin.eu*

DAIKIN

LIGHT COMMERCIAL APPLICATIONS

For more information on Options & Control Systems, please refer to page 330 of this catalogue.

Benefits overview - Sky Air

		We care icons						Comfort				Air treatment	
			INVERTER										
Ceiling mounted cassette	FCQHG-F 	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
	FCQG-F 	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
	FMCQ-A8 		✓		✓	✓	✓	✓	✓	✓		✓	
	FFQ-B9V 	✓	✓		✓	✓		✓	✓	✓		✓	
Concealed ceiling unit	FBQ-C8 	✓	✓		✓	✓			✓	✓		✓	
	FMDQ-B 		✓		✓	✓			✓	✓		✓	
	FDQ-B 		✓		✓	✓			✓		✓	✓	
	FDQ-C 	✓	✓		✓	✓			✓		✓	✓	
Ceiling suspended unit	FHQG-C 	✓	✓		✓	✓			✓			✓	
	FHQ-B 		✓		✓	✓			✓			✓	
4-Way blow ceiling suspended unit	FUQ-B 	✓	✓		✓	✓		✓	✓			✓	
Wall mounted unit	FAQ-C	✓	✓		✓	✓			✓			✓	
Floor standing unit	FVQ-C 	✓	✓			✓			✓				✓

For explanation on the benefits, see flap in the backcover of this catalogue.

Humidity control	Air flow			Remote control & timer				Other funtions					
													
✓	✓	✓	2	✓	✓	✓	✓	✓	✓				
✓	✓	✓	2	✓	✓	✓	✓	✓	✓		✓		
✓	✓	✓	2	✓	✓	✓	✓	✓	✓	✓			
✓	✓	✓	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓			3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓			10 (50 class) 8 (60~125 class)	✓	✓	✓	✓	✓	✓	✓			
			2	✓		✓	✓	✓	✓		✓		
			3	✓		✓	✓	✓	✓	✓	✓		
✓			2	✓		✓	✓	✓	✓				
✓			2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓		✓	2	✓	✓	✓	✓	✓	✓	✓	✓		
✓		✓	2	✓	✓	✓	✓	✓	✓	✓	✓		
✓		✓				✓	✓	✓	✓				

*Note: grey cells contain preliminary data

Daikin leads the way to seasonal efficiency introducing a full light commercial range optimised for seasonal efficiency!

With its 20/20/20 energy policy, Europe is seeking 20% less CO_2 produced, 20% more renewable energy used and 20% less primary energy consumed by 2020. To help achieve these targets it has issued the Energy Related Products Directive which specifies minimum eco-design requirements, such as improved energy efficiency, that must be integrated into energy-using products. For air conditioners below 12kW, the minimum requirements will be based on a new seasonal efficiency ratio and Daikin Europe N.V. has already integrated these improvements into the new Sky Air® range of light commercial applications, thus underling our commitment to reducing environmental impact.

European action plan

CO_2 EMISSIONS vs. 1990

Share of RENEWABLE ENERGY

PRIMARY ENERGY USE vs. BAU*

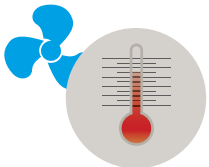
*Business As Usual

By the year **2020**

Measuring real-life performance

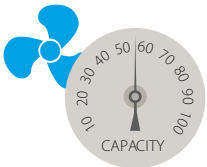
The EU requires objective performance metrics to establish the minimum requirements that must be met, and to provide customers with information on air conditioner performance on which to base their choice. The current methodology – nominal efficiency (EER) – results in a significant gap between announced and actual performance and so a more accurate method – seasonal efficiency (SEER) – has been developed. The major changes include the integration of several rating temperatures for cooling and heating, the inclusion of energy use at part-load as well as full-load and the power used in auxiliary and standby modes. Since most systems operate under a partial load the majority of the time, the new methodology gives a better indication of expected real-life performance.

Nominal versus Seasonal efficiency



Temperature

NOMINAL	SEASONAL
1 Temperature condition: 35°C for cooling 7°C for heating Does not often occur in reality	**Several rating temperatures** for cooling and heating, reflecting actual performance over an entire season



Capacity

NOMINAL	SEASONAL
Does not reflect partial capacity Benefits of inverter technology not visible	Integrates operation at **partial instead of full capacity** **Benefits of inverter technology** are shown

Auxiliary modes

NOMINAL	SEASONAL
Does not take auxiliary power modes into account	Includes consumption auxiliary modes: • Thermostat off • Standby mode • OFF mode • Crankcase heater

Nominal efficiency gives an indication of how efficiently an air conditioner operates in nominal conditions.

Seasonal efficiency gives an indication of how efficiently an air conditioner operates over an entire cooling or heating season.

Daikin leads the way: Seasonal series

Daikin prides itself on products with high environmental performance. In 2010, well before the Eco-Design deadlines, Daikin introduced the Sky Air® Seasonal Inverter and the pioneering development of this range continues with the new RZQG-L (Seasonal Smart) and RZQSG-L (Seasonal Classic) series, with their excellent seasonal efficiency results. This means we now offer a complete light commercial range of products!

Seasonal Inverter

Seasonal Smart

Seasonal Classic

Daikin offers now a complete light commercial range, optimised for seasonal efficiency!

		FCQHG / FCQG	FFQ	FHQG	FBQ	FDQ	FAQ	FVQ	FUQ
									
RZQG-L Seasonal Smart		120 / 122	146	134	126	130	132	138	137
RZQSG-L Seasonal Classic		121 / 123	149	135	127	131	133	139	

So what's new?

The optimised inverter control over the full temperature distribution curve provides optimum partial load performance, giving it high ratings in real-life operating conditions, while the re-designed compressor and heat exchanger plus improved auxiliary modes further enhance its performance. Thanks to this new design, Sky Air® RZQG-L outdoor units boast average seasonal efficiency improvements of more than 20% over the current Sky Air® Seasonal Inverter, and of more than 50% compared to non-inverter systems.

In addition to its high seasonal performance, the new Sky Air® seasonal series includes benefits such as a wide operating range, ability to re-use existing piping, and a quiet night mode and it is totally compatible with our new designs of seasonal Sky Air® indoor units:

- round flow cassette (FCQG/FCQHG)
- ceiling suspended cassette (FHQG)
- floor standing model (FVQ)
- wall mounted unit (FAQ)
- concealed ceiling unit (FBQ/FDQ)
- 4-way blow ceiling suspended cassette (FUQ)

Round flow cassette

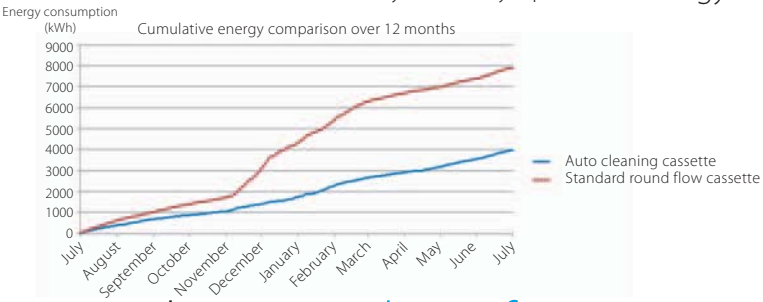
Next generation
round flow cassette, setting the standard for efficiency and comfort

The round flow cassette is designed for use in all forms and sizes of commercial offices, retail spaces, restaurants, hotels and other applications. Today, Daikin has improved its technology even further to enhance your comfort and provide you better energy efficient models. With a new infrared presence and floor sensor Daikin offers you the best solution for your application.

Even more energy efficient…

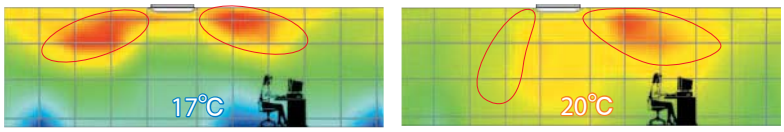
- The optional presence sensor adjusts the set point or switches off the unit when there is nobody in the room. Up to 27% energy can be saved with this new function.

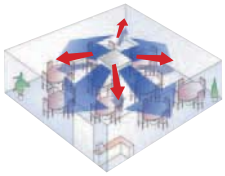
- Daikin was the first to launch an auto cleaning decoration panel. With this panel the costs can be further reduced as the filter cleans itself automatically once a day. Up to 50% energy can be saved thanks to daily filter cleaning (Wolverhampton, UK)



… and improved comfort

- With the optional floor sensor having cold feet becomes history. This sensor detects the average floor temperature and ensures even temperature distribution between ceiling and floor.

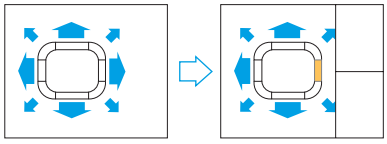




- The presence sensor directs air flow away from any person to avoid draught.
- The unique 360° air flow discharge pattern ensures a uniform temperature distribution across the room without dead corners.

Flexibility

- When refurbishing or rearranging the interior of your office, shop or other area, you no longer need to change the location of your indoor unit. With the round flow cassette one or more flaps can be easily closed via the wired remote controller (BRC1E52 – optional).



FCQHG-F / RZQG-LV1/Y1 Round flow cassette

Preliminary

FCQHG100,125,140F

RZQG100,125,140LV1/Y1

BRC1E52 BRC7F532F

ROUND FLOW

- Seasonal efficiency, optimized for all seasons
- Seasonal efficiency gives an indication on how efficient air conditioners operate over an entire heating or cooling season.
- The round flow cassette provides a more comfortable environment and offers greater savings in energy consumption to shop, office and restaurant owners.
- The unique 360° air discharge ensures uniform air flow and temperature distribution
- The infrared presence sensor (optional) adjusts the set point with 2°C if no one is detected in the room. It also automatically directs air flow away from any person to avoid draught.
- The infrared floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor. Cold feet will become history.
- Individual flap control: one or more flaps can be easily closed via the wired remote controller (BRC1E52) when refurbishing or rearranging your interior
- Modern style decoration panel is available in 3 different variations: standard panel in white (RAL9010) with grey louvers and standard panel in full white (RAL9010) including white louvers, auto cleaning panel in white (RAL9010) with grey louvers
- For auto cleaning panel:
  - » Daikin introduces first auto cleaning cassette to European market[1]
  - » Higher efficiency and comfort from daily auto cleaning of the filter[1]
  - » Lower maintenance costs thanks to auto cleaning function[1]
  - » Easy removal of dust with a vacuum cleaner without opening the unit[1]

[1] Only for auto cleaning panel BYCQ140DG

Heating & Cooling

Seasonal Smart

Indoor units				*FCQHG71F	*FCQHG100F	*FCQHG125F	*FCQHG140F	*FCQHG71F	*FCQHG100F	*FCQHG125F	*FCQHG140F
Cooling capacity	Min./Nom./Max.		kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.		kW								
Power input	Cooling	Nom.	kW								
	Heating	Nom.	kW								
EER											
COP											
SEER*											
Annual energy consumption			kWh								
Energy label	Cooling/Heating										
Dimensions	Unit	HeightxWidthxDepth	mm	288x840x840				288x840x840			
Weight	Unit		kg	23	25			23	25		
Fan-air flow rate	Cooling	Nom.	m^3/min	-				-			
	Heating	Nom.	m^3/min	-				-			
Decoration panel	Model			BYCQ140DW1[2] / BYCQ140DW1W[3] / BYCQ140DGW1[4]				BYCQ140DW1[2] / BYCQ140DW1W[3] / BYCQ140DGW1[4]			
	Colour			Pure White(RAL 9010)				Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950				50x950x950 / 50x950x950 / 130x950x950			
	Weight		kg	5.5 / 5.5 / 11.5				5.5 / 5.5 / 11.5			
Sound power level	Cooling	High	dBA	54	62			54	62		
Sound pressure level	Cooling	HighMedium/Low	dBA	36/33/32	44/39/33	45/41/35	45/41/37	36/33/32	44/39/33	45/41/35	45/41/37
	Heating	HighMedium/Low	dBA	36/33/32	44/39/33	45/41/35	45/41/37	36/33/32	44/39/33	45/41/35	45/41/37
Refrigerant	Type			R-410A				R-410A			
Piping connections	Liquid	OD	mm	-				-			
	Gas	OD	mm	-				-			
	Drain	OD	mm	-				-			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220			

Outdoor unit				*RZQG71L7V1	*RZQG100L7V1	*RZQG125L7V1	*RZQG140L7V1	*RZQG71L7Y1	*RZQG100L7Y1	*RZQG125L7Y1	*RZQG140L7Y1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit		kg	77	99			77	99		
Fan - Air flow rate	Cooling	Nom.	m^3/min	-				-			
	Heating	Nom.	m^3/min	-				-			
Sound power level	Cooling	Nom.	dBA	64	66	-		64	66	-	
Sound pressure level	Cooling	Nom.	dBA	48	50	-		48	50	-	
	Heating	Nom.	dBA	50	52	-		50	52	-	
	Night quiet mode	Level 1	dBA	-				-			
Operation range	Cooling	Ambient Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type			R-410A				R-410A			
Piping connections	Level difference	IU - OU Max.	m	-				-			
		IU - IU Max.	m	-				-			
	Heat insulation			-				-			
	Total piping length	System Actual	m	50	75			50	75		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

[2] Pure white standard panel with grey louvers / [3] Pure white standard panel with white louvers / [4] Pure white auto cleaning panel

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FCQHG-F / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

Indoor units					*FCQHG71F	*FCQHG100F	*FCQHG125F	*FCQHG140F	*FCQHG71F	*FCQHG100F	*FCQHG125F	*FCQHG140F
Cooling capacity	Min./Nom./Max.			kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.			kW								
Power input	Cooling	Nom.		kW								
	Heating	Nom.		kW								
EER												
COP												
SEER*												
Annual energy consumption				kWh								
Energy label	Cooling/Heating											
Dimensions	Unit	HeightxWidthxDepth		mm	288x840x840				288x840x840			
Weight	Unit			kg	23	25			23	25		
Fan-air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Decoration panel	Model				BYCQ140DW1[2] / BYCQ140DW1W[3] / BYCQ140DGW1[4]				BYCQ140DW1[2] / BYCQ140DW1W[3] / BYCQ140DGW1[4]			
	Colour				Pure White(RAL 9010)				Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth		mm	50x950x950 / 50x950x950 / 130x950x950				50x950x950 / 50x950x950 / 130x950x950			
	Weight			kg	5.5 / 5.5 / 11.5				5.5 / 5.5 / 11.5			
Sound power level	Cooling	High		dBA	54	62			54	62		
Sound pressure level	Cooling	HighMedium/Low		dBA	36/33/32	44/39/33	45/41/35	45/41/37	36/33/32	44/39/33	45/41/35	45/41/37
	Heating	HighMedium/Low		dBA	36/33/32	44/39/33	45/41/35	45/41/37	36/33/32	44/39/33	45/41/35	45/41/37
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	-				-			
	Gas	OD		mm	-				-			
	Drain	OD		mm	-				-			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220			

Outdoor unit					*RZQSG71LV1	*RZQSG100LV1	*RZQSG125LV1	*RZQSG140LV1	*RZQSG71LY1	*RZQSG100LY1	*RZQSG125LY1	*RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320			1,430x940x320	990x940x320			1,430x940x320
Weight	Unit			kg	77			99	77			99
Fan - Air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Sound power level	Cooling	Nom.		dBA	64	-			64	-		
Sound pressure level	Cooling	Nom.		dBA	48	55		-	48	55		-
	Heating	Nom.		dBA	50	57		-	50	57		-
	Night quiet mode	Level 1		dBA	-				-			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46				-5.0~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5				-15~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	-				-			
	Gas	OD		mm	-				-			
	Drain	OD		mm	-				-			
	Level difference	IU - OU	Max.	m	-				-			
		IU - IU	Max.	m	-				-			
	Heat insulation				-				-			
	Total piping length	System	Actual	m	50				50			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

[2] Pure white standard panel with grey louvers / [3] Pure white standard panel with white louvers / [4] Pure white auto cleaning panel

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FCQG-F / RZQG-LV1/Y1 Round flow cassette

Preliminary

FCQG100,125,140F

RZQG100,125,140LV1/Y1

BRC1E52 BRC7F532F

ROUND FLOW

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- Seasonal efficiency gives an indication on how efficient air conditioners operate over an entire heating or cooling season.
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  - » Higher efficiency and comfort from daily auto cleaning of the filter[1]
  - » Lower maintenance costs thanks to auto cleaning function[1]
  - » Easy removal of dust with a vacuum cleaner without opening the unit[1]

[1] Only for auto cleaning panel BYCQ140DG

Heating & Cooling

Seasonal Smart

Indoor units				*FCQG71F	*FCQG100F	*FCQG125F	*FCQG140F	*FCQG71F	*FCQG100F	*FCQG125F	*FCQG140F
Cooling capacity	Min./Nom./Max.		kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.		kW								
Power input	Cooling	Nom.	kW								
	Heating	Nom.	kW								
EER											
COP											
SEER*											
Annual energy consumption			kWh								
Energy label	Cooling/Heating										
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840	246x840x840			204x840x840	246x840x840		
Weight	Unit		kg	-				-			
Decoration panel	Model			BYCQ140DW1[2] / BYCQ140DW1W[3] / BYCQ140DGW1[4]				BYCQ140DW1[2] / BYCQ140DW1W[3] / BYCQ140DGW1[4]			
	Colour			Pure White(RAL 9010)				Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950				50x950x950 / 50x950x950 / 130x950x950			
	Weight		kg	5.5 / 5.5 / 11.5				5.5 / 5.5 / 11.5			
Fan-air flow rate	Cooling	Nom.	m^3/min	-				204x840x840	-		
	Heating	Nom.	m^3/min	-					-		
Sound power level	Cooling	High	dBA	51	54	58		51	54	58	
Sound pressure level	Cooling	High/Nom./Low	dBA	33/31/28	37/35/32	41/38/35		33/31/28	37/35/32	41/38/35	
	Heating	High/Nom./Low	dBA	33/31/28	37/35/32	41/38/35		33/31/28	37/35/32	41/38/35	
Refrigerant	Type			R-410A				R-410A			
Piping connections	Liquid	OD	mm	-				-			
	Gas	OD	mm	-				-			
	Drain	OD	mm	-				-			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220			

Outdoor unit				*RZQG71L7V1	*RZQG100L7V1	*RZQG125L7V1	*RZQG140L7V1	*RZQG71L7Y1	*RZQG100L7Y1	*RZQG125L7Y1	*RZQG140L7Y1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit		kg	77	99			77	99		
Fan - Air flow rate	Cooling	Nom.	m^3/min	-				-			
	Heating	Nom.	m^3/min	-				-			
Sound power level	Cooling	Nom.	dBA	64	66	-		64	66	-	
Sound pressure level	Cooling	Nom.	dBA	48	50	-		48	50	-	
	Heating	Nom.	dBA	50	52	-		50	52		
	Night quiet mode	Level 1	dBA	-				-			
Operation range	Cooling	Ambient Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type			R-410A				R-410A			
Piping connections	Level difference	IU - OU Max.	m	-				-			
		IU - IU Max.	m	-				-			
	Heat insulation			-				-			
	Total piping length	System Actual	m	50	75			50	75		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

[2] Pure white standard panel with grey louvers / [3] Pure white standard panel with white louvers / [4] Pure white auto cleaning panel
*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FCQG-F / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

Indoor units					*FCQG71F	*FCQG100F	*FCQG125F	*FCQG140F	*FCQG71F	*FCQG100F	*FCQG125F	*FCQG140F
Cooling capacity	Min./Nom./Max.			kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.			kW								
Power input	Cooling	Nom.		kW								
	Heating	Nom.		kW								
EER												
COP												
SEER*												
Annual energy consumption				kWh								
Energy label	Cooling/Heating											
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840	246x840x840			204x840x840	246x840x840		
Weight	Unit			kg	-				-			
Decoration panel	Model				BYCQ140DW1[2] / BYCQ140DW1W[3] / BYCQ140DGW1[4]				BYCQ140DW1[2] / BYCQ140DW1W[3] / BYCQ140DGW1[4]			
	Colour				Pure White(RAL 9010)				Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth		mm	50x950x950 / 50x950x950 / 130x950x950				50x950x950 / 50x950x950 / 130x950x950			
	Weight			kg	5.5 / 5.5 / 11.5				5.5 / 5.5 / 11.5			
Fan-air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Sound power level	Cooling	High		dBA	51	54	58		51	54	58	
Sound pressure level	Cooling	High/Nom./Low		dBA	33/31/28	37/35/32	41/38/35		33/31/28	37/35/32	41/38/35	
	Heating	High/Nom./Low		dBA	33/31/28	37/35/32	41/38/35		33/31/28	37/35/32	41/38/35	
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	26				26			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220			

Outdoor unit					*RZQSG71LV1	*RZQSG100LV1	*RZQSG125LV1	*RZQSG140LV1	*RZQSG71LY1	*RZQSG100LY1	*RZQSG125LY1	*RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320			1,430x940x320	990x940x320			1,430x940x320
Weight	Unit			kg	77			99	77			99
Fan - Air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Sound power level	Cooling	Nom.		dBA	64	-			64	-		
Sound pressure level	Cooling	Nom.		dBA	48	55		-	48	55		-
	Heating	Nom.		dBA	50	57		-	50	57		-
	Night quiet mode	Level 1		dBA	-				-			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46				-5.0~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5				-15~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	-				-			
	Gas	OD		mm	-				-			
	Drain	OD		mm	-				-			
	Level difference	IU - OU	Max.	m	-				-			
		IU - IU	Max.	m	-				-			
	Heat insulation				-				-			
	Total piping length	System	Actual	m	50				50			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

[2] Pure white standard panel with grey louvers / [3] Pure white standard panel with white louvers / [4] Pure white auto cleaning panel

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FCQG-F / RXS-J/F Round flow cassette

FCQG35,50,60F

RXS35J

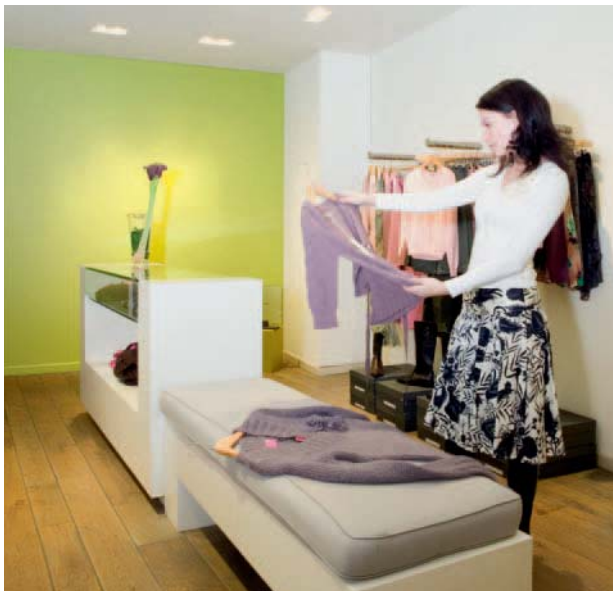
BRC1E52 BRC7F532F

ROUND FLOW

INVERTER

- The round flow cassette provides a more comfortable environment and offers greater savings in energy consumption to shop, office and restaurant owners.
- The unique 360° air discharge ensures uniform air flow and temperature distribution
- The infrared presence sensor (optional) adjusts the set point with 2°C if no one is detected in the room. It also automatically directs air flow away from any person to avoid draught.
- The infrared floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor. Cold feet will become history.
- Individual flap control: one or more flaps can be easily closed via the wired remote controller (BRC1E52) when refurbishing or rearranging your interior
- Modern style decoration panel is available in 3 different variations: standard panel in white (RAL9010) with grey louvers and standard panel in full white (RAL9010) including white louvers, auto cleaning panel in white (RAL9010) with grey louvers
- For auto cleaning panel:
  - » Daikin introduces first auto cleaning cassette to European market[1]
  - » Higher efficiency and comfort from daily auto cleaning of the filter[1]
  - » Lower maintenance costs thanks to auto cleaning function[1]
  - » Easy removal of dust with a vacuum cleaner without opening the unit[1]

[1] Only for auto cleaning panel BYCQ140DG



Heating & Cooling

Indoor units				*FCQG35F	*FCQG50F	*FCQG60F
Cooling capacity	Min./Nom./Max.		kW	-		
Heating capacity	Min./Nom./Max.		kW	-		
Power input	Cooling	Nom.	kW	-		
	Heating	Nom.	kW	-		
EER				-		
COP				-		
Annual energy consumption			kWh	-		
Energy label	Cooling/Heating			-		
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		
Weight	Unit		kg	19		
Decoration panel	Model			BYCQ140DW1[2] / BYCQ140DW1W[3] / BYCQ140DGW1[4]		
	Colour			Pure White(RAL 9010)		
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950		
	Weight		kg	5.5 / 5.5 / 11.5		
Fan-air flow rate	Cooling	Nom.	m^3/min	-		
	Heating	Nom.	m^3/min	-		
Sound power level	Cooling	High	dBA	49		51
Sound pressure level	Cooling	High/Medium/Low	dBA	31/29/27		33/31/28
	Heating	High/Medium/Low	dBA	31/29/27		33/31/28
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	-		
	Gas	OD	mm	-		
	Drain	OD	mm	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

Outdoor unit					RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	48	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	36.0/30.1	50.9/48.9	50.9/45.0
	Heating	High/Super low		m^3/min	28.3/25.6	45.0/43.1	46.3/46.3
Sound power level	Cooling	Nom./High		dBA	-/63		
Sound pressure level	Cooling	High/Silent operation		dBA	48/44		49/46
	Heating	High/Silent operation		dBA	48/45		49/46
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		-
	Gas	OD		mm	9.52	12.7	-
	Level difference	IU - OU	Max.	m	15	20	
	Heat insulation				Both liquid and gas pipes		
	Total piping length	System	Actual	m	-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

[2] Pure white standard panel with grey louvers / [3] Pure white standard panel with white louvers / [4] Pure white auto cleaning panel

*Note: grey cells contain preliminary data

FFQ-B9V / RXS-J/F 4-way blow ceiling mounted cassette

FFQ25,35,50,60B9V

RXS60F

BRC1E52 BRC7E530W

INVERTER

- Energy efficient units: up to class A energy labels
- Compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Whisper quiet operation: down to 24.5dBA sound pressure level
- Fresh air intake for healthy living
- Comfortable vertical auto swing ensures draughtfree operation and prevents ceiling soiling
- Since the flaps can move to a 0 degree position, virtually no draught can be experienced
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Easy maintenance: switch box can be reached by simply removing the suction grille
- Standard drain pump with 750mm lift

Heating & Cooling

Indoor unit				*FFQ25B9V	*FFQ35B9V	*FFQ50B9V	*FFQ60B9V
Cooling capacity	Min./Nom./Max.		kW	-/2.5/-	-/3.4/-	0.9/4.7/5.6	-/5.80/-
Heating capacity	Min./Nom./Max.		kW	-/3.2/-	-/4.0/-	0.9/5.5/7.0	-/7.00/-
Power input	Cooling	Min./Nom./Max.	kW	-/0.73/-	-/1.10/-	0.45/1.80/2.26	-/2.07/-
	Heating	Min./Nom./Max.	kW	-/0.920/-	-/1.20/-	0.45/1.96/2.78	-/2.49/-
EER				3.42	3.09	2.61	2.80
COP				3.48	3.33	2.81	
Annual energy consumption			kWh	365	550	900	1,035
Energy label	Cooling/Heating			A/B	B/C	D/D	
Casing	Colour			-			
Dimensions	Unit	HeightxWidthxDepth	mm	286x575x575			
Weight	Unit		kg	17.5			
Decoration panel	Model			BYFQ60BAW1			
	Colour			White			
	Dimensions	HeightxWidthxDepth	mm	55x700x700			
	Weight		kg	2.7			
Fan - Air flow rate	Cooling	High/Low	m^3/min	9.0/6.5	10.0/6.5	12.0/8.0	15.0/10.0
	Heating	High/Low	m^3/min	9.0/6.5	10.0/6.5	12.0/8.0	15.0/10.0
Sound power level	Cooling	High	dBA	46.5	49.0	53.0	58.0
Sound pressure level	Cooling	High/Low	dBA	29.5/24.5	32.0/25.0	36.0/27.0	41.0/32.0
	Heating	High/Low	dBA	29.5/24.5	32.0/25.0	36.0/27.0	41.0/32.0
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain	OD	mm	26			
Power supply	Name / Phase / Frequency / Voltage		Hz / V	V1 / 1~ / 50 / 230			

Outdoor unit				RXS25J	RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		735x825x300	
Weight	Unit		kg	34		48	
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33.5/30.1	36.0/30.1	50.9/48.9	50.9/45.0
	Heating	High/Super low	m^3/min	28.3/25.6		45.0/43.1	46.3/46.3
Sound power level	Cooling	Nom./High	dBA	-/61	-/63		
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44		49/46
	Heating	High/Silent operation	dBA	47/44	48/45		49/46
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46			
	Heating	Ambient Min.~Max.	°CWB	-15~18			
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			-
	Gas	OD	mm	9.52		12.7	-
	Level difference	IU - OU Max.	m	15		20	
	Heat insulation			Both liquid and gas pipes			
	Total piping length	System Actual	m	-			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FBQ-C8 / RZQG-LV1/Y1 Concealed ceiling unit with inverter driven fan

Preliminary

FBQ100,125,140C8

RZQG100,125,140LV1/Y1

BRC1E52

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling season
- The Sky Air® inverter is developed for use in light commercial applications, provides a more comfortable environment and offers great savings in energy consumption to shop, restaurant and office owners
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Reduction in power consumption thanks to DC inverter fans
- Improved comfort thanks to 3-step air flow control
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Up to 120Pa external static pressure facilitates using flexible ducts of variying lengths: ideal for shops and medium size offices
- Whisper quiet operation: down to 29dBA sound pressure level
- During start up, the room can be cooled down or heated very quickly; once the temperature in the room has reached its set point, the low power operation starts to save energy.
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation thanks to automatic air flow adjustment towards nominal air flow rate
- Standard built-in drain pump increases reliability of the drain system
- No optional adapter needed for DIII-connection

Heating & Cooling

Seasonal Smart

Indoor unit					*FBQ71C8	*FBQ100C8	*FBQ125C8	*FBQ140C8	*FBQ71C8	*FBQ100C8	*FBQ125C8	*FBQ140C8
Cooling capacity	Min./Nom./Max.			kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.			kW								
Power input	Cooling	Nom.		kW								
	Heating	Nom.		kW								
EER												
COP												
SEER*												
Annual energy consumption				kWh								
Energy label	Cooling/Heating											
Casing	Colour				Unpainted				Unpainted			
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,000x700	300x1,400x700			300x1,000x700	300x1,400x700		
Required ceiling void >				mm	350				350			
Weight	Unit			kg	34	45			34	45		
Decoration panel	Model				BYBS71DJW1	BYBS125DJW1			BYBS71DJW1	BYBS125DJW1		
	Colour				White (10Y9/0.5)				White (10Y9/0.5)			
	Dimensions	HeightxWidthxDepth		mm	55x1,100x500	55x1,500x500			55x1,100x500	55x1,500x500		
	Weight			kg	4.5	6.5			4.5	6.5		
Fan - Air flow rate	Cooling	High/Low		m^3/min	18/15	32/23	39/28		18/15	32/23	39/28	
	Heating	High/Low		m^3/min	18/15	32/23	39/28	41/29	18/15	32/23	39/28	41/29
Fan - External static pressure	High/Nom.			Pa	100/30	120/40	120/50		100/30	120/40	120/50	
Sound power level	Cooling	Super high/High/Nom./Low		dBA	57	61	66		57	61	66	
Sound pressure level	Cooling	High		dBA	37/29	38/32	40/33		37/29	38/32	40/33	
	Heating	High/Low		dBA	37/29	38/32	40/33	41/34	37/29	38/32	40/33	41/34
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	26				26			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220			

Outdoor unit					*RZQG71L7V1	*RZQG100L7V1	*RZQG125L7V1	*RZQG140L7V1	*RZQG71L7Y1	*RZQG100L7Y1	*RZQG125L7Y1	*RZQG140L7Y1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	77	99			77	99		
Fan - Air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Sound power level	Cooling	Nom.		dBA	64	66	-		64	66	-	
Sound pressure level	Cooling	Nom.		dBA	48	50	-		48	50	-	
	Heating	Nom.		dBA	50	52	-		50	52	-	
	Night quiet mode	Level 1		dBA	-				-			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Level difference	IU - OU	Max.	m	-				-			
		IU - IU	Max.	m	-				-			
	Heat insulation				-				-			
	Total piping length	System	Actual	m	50	75			50	75		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FBQ-C8 / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

Indoor unit					*FBQ71C8	*FBQ100C8	*FBQ125C8	*FBQ140C8	*FBQ71C8	*FBQ100C8	*FBQ125C8	*FBQ140C8
Cooling capacity	Min./Nom./Max.			kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.			kW								
Power input	Cooling	Nom.		kW								
	Heating	Nom.		kW								
EER												
COP												
SEER*												
Annual energy consumption				kWh								
Energy label	Cooling/Heating											
Casing	Colour				Unpainted				Unpainted			
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,000x700	300x1,400x700			300x1,000x700	300x1,400x700		
Required ceiling void >				mm	350				350			
Weight	Unit			kg	34	45			34	45		
Decoration panel	Model				BYBS71DJW1	BYBS125DJW1			BYBS71DJW1	BYBS125DJW1		
	Colour				White (10Y9/0.5)				White (10Y9/0.5)			
	Dimensions	HeightxWidthxDepth		mm	55x1,100x500	55x1,500x500			55x1,100x500	55x1,500x500		
	Weight			kg	4.5	6.5			4.5	6.5		
Fan - Air flow rate	Cooling	High/Low		m^3/min	18/15	32/23	39/28		18/15	32/23	39/28	
	Heating	High/Low		m^3/min	18/15	32/23	39/28	41/29	18/15	32/23	39/28	41/29
Fan - External static pressure	High/Nom.			Pa	100/30	120/40	120/50		100/30	120/40	120/50	
Sound power level	Cooling	High		dBA	57	61	66		57	61	66	
Sound pressure level	Cooling	High/Low		dBA	37/29	38/32	40/33		37/29	38/32	40/33	
	Heating	High/Low		dBA	37/29	38/32	40/33	41/34	37/29	38/32	40/33	41/34
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	VP 25 (OD 32 / ID 25)				VP 25 (OD 32 / ID 25)			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220			

Outdoor unit					*RZQSG71LV1	*RZQSG100LV1	*RZQSG125LV1	*RZQSG140LV1	*RZQSG71LY1	*RZQSG100LY1	*RZQSG125LY1	*RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320			1,430x940x320	990x940x320			1,430x940x320
Weight	Unit			kg	77			99	77			99
Fan - Air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Sound power level	Cooling	Nom.		dBA	64	-			64	-		
Sound pressure level	Cooling	Nom.		dBA	48	55		-	48	55		-
	Heating	Nom.		dBA	50	57		-	50	57		-
	Night quiet mode	Level 1		dBA	-				-			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46				-5.0~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5				-15~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	-				-			
	Gas	OD		mm	-				-			
	Drain	OD		mm	-				-			
	Level difference	IU - OU	Max.	m	-				-			
		IU - IU	Max.	m	-				-			
	Heat insulation				-				-			
	Total piping length	System	Actual	m	50				50			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FBQ-C8 / RXS-J/F

Concealed ceiling unit with inverter driven fan

FBQ35,50C8

RXS35J

BRC1E52

INVERTER

- Energy efficient units: up to class A energy labels
- Reduction in power consumption thanks to DC inverter fans
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Improved comfort thanks to 3-step air flow control
- Up to 100Pa external static pressure facilitates using flexible ducts of variying lengths: ideal for shops and medium size offices
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Whisper quiet operation: down to 29dBA sound pressure level
- Easy installation thanks to automatic air flow adjustment towards nominal air flow rate
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- Standard built-in drain pump increases reliability of the drain system

Heating & Cooling

Indoor unit				FBQ35C8	FBQ50C8	FBQ60C8
Cooling capacity	Min./Nom./Max.		kW	-/3.40/-	0.9/5.0/5.6	-/5.70/-
Heating capacity	Min./Nom./Max.		kW	-/4.00/-	0.9/6.0/7.0	-/7.00/-
Power input	Cooling	Min./Nom./Max.	kW	-/1.17/-	4.50/1.83/2.02	1.75
	Heating	Min./Nom./Max.	kW	-/1.22/-	0.36/2.05/2.45	2.05
EER				2.91	2.73	3.26
COP				3.28	2.93	3.41
Annual energy consumption			kWh	585	825	875
Energy label	Cooling/Heating			C/C	B/B	A/B
Casing	Colour			Unpainted		
Dimensions	Unit	HeightxWidthxDepth	mm	300x700x700		300x1,000x700
Required ceiling void >			mm	350		
Weight	Unit		kg	25		34
Decoration panel	Model			BYBS45DJW1		
	Colour			White (10Y9/0.5)		
	Dimensions	HeightxWidthxDepth	mm	55x800x500		55x1,100x500
	Weight		kg	3.5		4.5
Fan - Air flow rate	Cooling	High/Low	m^3/min	16/11		18/15
	Heating	High/Low	m^3/min	16/11		18/15
Fan - External static pressure	High/Nom.		Pa	100/30		
Sound power level	Cooling	High	dBA	63		57
Sound pressure level	Cooling	High/Low	dBA	37/29		
	Heating	High/Low	dBA	37/29		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52	12.7	
	Drain	OD	mm	VP 25 (OD 32/ID 25)	26	32
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

Outdoor unit				RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	735x825x300	
Weight	Unit		kg	34	48	
Fan - Air flow rate	Cooling	High/Super low	m^3/min	36.0/30.1	50.9/48.9	50.9/45.0
	Heating	High/Super low	m^3/min	28.3/25.6	45.0/43.1	46.3/46.3
Sound power level	Cooling	Nom./High	dBA	-/63		
Sound pressure level	Cooling	High/Silent operation	dBA	48/44		49/46
	Heating	High/Silent operation	dBA	48/45		49/46
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46		
	Heating	Ambient Min.~Max.	°CWB	-15~18		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		-
	Gas	OD	mm	9.52	12.7	-
	Level difference	IU - OU Max.	m	15	20	
	Heat insulation			Both liquid and gas pipes		
	Total piping length	System Actual	m	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

FDQ-B / RZQ-C

Concealed ceiling unit

FDQ200,250B

RZQ200,250C

BRC1E52

Super Inverter

- Up to 250 Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Up to 26.4 kW in heating mode
- Home leave operation saves energy during absence
- Standard air filter: removes airborne dust particles to ensure a steady supply of clean air

Heating & Cooling

Indoor unit				FDQ200B	FDQ250B
Cooling capacity	Min./Nom./Max.		kW	-/20.0/-	-/24.1/-
Heating capacity	Min./Nom./Max.		kW	-/23.0/-	-/26.4/-
Power input	Cooling	Min./Nom./Max.	kW	-/6.23/-	-/8.58/-
	Heating	Min./Nom./Max.	kW	-/6.74/-	-/8.22/-
EER				3.21	2.81
COP				3.41	3.21
Casing	Colour			Unpainted	
Dimensions	Unit	HeightxWidthxDepth	mm	450x1,400x900	
Required ceiling void >			mm	450	
Weight	Unit		kg	89.0	94.0
Fan - Air flow rate	Cooling	Nom.	m^3/min	69.0	89.0
	Heating	Nom.	m^3/min	69.0	89.0
Fan - External static pressure	High/Nom./Low		Pa	250/250/250	
Sound power level	Cooling	Nom.	dBA	81.0	82.0
Sound pressure level	Cooling	High	dBA	45.0	47.0
	Heating	Low	dBA	45.0	47.0
Refrigerant	Type			R-410A	
Piping connections	Liquid	OD	mm	9.52	12.7
	Gas	OD	mm	22.2	
	Drain	OD	mm	25	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230	

Outdoor unit					RZQ200C	RZQ250C
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765	
Weight	Unit			kg	183	184
Fan - Air flow rate	Cooling	Nom.		m^3/min	171	
	Heating	Nom.		m^3/min	171	
Fan - External static pressure	Max.			Pa	78	
Sound power level	Cooling	Nom.		dBA	78	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46.0	
	Heating	Ambient	Min.~Max.	°CWB	-15.0~15.0	
Refrigerant	Type				R-410A	
Piping connections	Level difference	IU - OU	Max.	m	-	
	Total piping length	System	Actual	m	100	
Power supply	Phase / Frequency / Voltage			Hz / V	3N~ / 50 / 380-415	

Preliminary

FDQ125C

RZQG125LV1/Y1

BRC1E52

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling season
- The Sky Air® inverter is developed for use in light commercial applications, provides a more comfortable environment and offers great savings in energy consumption to shop, restaurant and office owners
- Up to 200Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- New casing: reduced height to fit flush into false ceilings
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- During start up, the room can be cooled down or heated very quickly; once the temperature in the room has reached its set point, the low power operation starts to save energy
- Easy installation:
  - Less duct calculation
  - Air flow can be adjusted during installation via the wired remote control instead of channel adjustments
- Standard drain pump

Heating & Cooling

Seasonal Smart

Indoor unit					*FDQ125C	*FDQ125C
Cooling capacity	Min./Nom./Max.			kW	To be confirmed	To be confirmed
Heating capacity	Min./Nom./Max.			kW		
Power input	Cooling	Nom.		kW		
	Heating	Nom.		kW		
EER						
COP						
SEER*						
Annual energy consumption				kWh		
Energy label	Cooling/Heating					
Casing	Colour				Unpainted	Unpainted
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,400x700	300x1,400x700
Required ceiling void >				mm	-	-
Weight	Unit			kg	-	-
Fan - Air flow rate	Cooling	High/Low		m^3/min	39/28	39/28
	Heating	High/Low		m^3/min	39/28	39/28
Fan - External static pressure	High/Nom.			Pa	200/50	200/50
Sound power level	Cooling	High		dBA	66	66
Sound pressure level	Cooling	High/Low		dBA	40/33	40/33
	Heating	High		dBA	-	-
Refrigerant	Type				R-410A	R-410A
Piping connections	Liquid	OD		mm	-	-
	Gas	OD		mm	-	-
	Drain	OD		mm	-	-
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220	1~ / 50/60 / 220-240/220

Outdoor unit					*RZQG125LV1	*RZQG125LY1
Dimensions	Unit	HeightxWidthxDepth		mm	1,430x940x320	1,430x940x320
Weight	Unit			kg	99	99
Fan - Air flow rate	Cooling	Nom.		m^3/min	-	-
	Heating	Nom.		m^3/min	-	-
Sound power level	Cooling	Nom.		dBA	-	-
Sound pressure level	Cooling	Nom.		dBA	-	-
	Heating	Nom.		dBA	-	-
	Night quiet mode	Level 1		dBA	-	-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0	-15.0~50.0
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5	-20.0~15.5
Refrigerant	Type				R-410A	R-410A
Piping connections	Level difference	IU - OU	Max.	m	30.0	30.0
		IU - IU	Max.	m	-	-
	Heat insulation				-	-
	Total piping length	System	Actual	m	-	-
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	3N~ / 50 / 400

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FDQ-C / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

Indoor unit					*FDQ125C	*FDQ125C
Cooling capacity	Min./Nom./Max.			kW	To be confirmed	To be confirmed
Heating capacity	Min./Nom./Max.			kW		
Power input	Cooling	Nom.		kW		
	Heating	Nom.		kW		
EER						
COP						
SEER*						
Annual energy consumption				kWh		
Energy label	Cooling/Heating					
Casing	Colour				Unpainted	Unpainted
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,400x700	300x1,400x700
Required ceiling void >				mm	-	-
Weight	Unit			kg	-	-
Fan - Air flow rate	Cooling	High/Low		m^3/min	39/28	39/28
	Heating	High/Low		m^3/min	39/28	39/28
Fan - External static pressure	High/Nom.			Pa	200/50	200/50
Sound power level	Cooling	High		dBA	66	66
Sound pressure level	Cooling	High/Low		dBA	40/33	40/33
	Heating	High		dBA	-	-
Refrigerant	Type				R-410A	R-410A
Piping connections	Liquid	OD		mm	-	-
	Gas	OD		mm	-	-
	Drain	OD		mm	-	-
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220	1~ / 50/60 / 220-240/220

Outdoor unit					*RZQSG125LV1	*RZQSG125LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	990x940x320
Weight	Unit			kg	77	77
Fan - Air flow rate	Cooling	Nom.		m^3/min	-	-
	Heating	Nom.		m^3/min	-	-
Sound power level	Cooling	Nom.		dBA	-	-
Sound pressure level	Cooling	Nom.		dBA	55	55
	Heating	Nom.		dBA	57	57
	Night quiet mode	Level 1		dBA	-	-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46	-5.0~46
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5	-15~15.5
Refrigerant	Type				R-410A	R-410A
Piping connections	Liquid	OD		mm	-	-
	Gas	OD		mm	-	-
	Drain	OD		mm	-	-
	Level difference	IU - OU	Max.	m	-	-
		IU - IU	Max.	m	-	-
	Heat insulation				-	-
	Total piping length	System	Actual	m	50	50
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	3~ / 50 / 400

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FAQ-C / RZQG-LV1/Y1 Wall mounted unit

Preliminary

FAQ100,125C

RZQG100,125LV1/Y1

BRC1E52 BRC7E618

- Seasonal efficiency, optimized for all seasons
- Seasonal efficiency gives an indication on how efficient air conditioners operate over an entire heating or cooling season.
- Can be installed in both new and existing buildings
- Ideal solution for shops, restaurants or offices without false ceilings
- Extension of the range: a 125 class has been developed for installation in larger rooms
- Modern style flat front panel
- Front panel can easily be removed and cleaned
- No optional adapter needed for DIII-connection
- Automatic fan speed selection: 3 fan speeds can be selected

Heating & Cooling

Seasonal Smart

Indoor unit					*FAQ71C	*FAQ100C NEW	*FAQ125C NEW	*FAQ71C	*FAQ100C NEW	*FAQ125C NEW
Cooling capacity	Min./Nom./Max.			kW	To be confirmed			To be confirmed		
Heating capacity	Min./Nom./Max.			kW						
Power input	Cooling	Nom.		kW						
	Heating	Nom.		kW						
EER										
COP										
SEER*										
Annual energy consumption				kWh						
Energy label	Cooling/Heating									
Casing	Colour				White		-	White		-
Dimensions	Unit	HeightxWidthxDepth		mm	290x1,050x238	340x1,200x240		290x1,050x238	340x1,200x240	
Weight	Unit			kg	14	17		14	17	
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	-			-		
	Heating	High/Nom./Low		m^3/min	-			-		
Sound power level	Cooling	High		dBA	-			-		
	Heating	High		dBA	-			-		
Sound pressure level	Cooling	Super High/High/Nom./Low		dBA	43/40/-/37	48/45/-/41	-	43/40/-/37	48/45/-/41	-
	Heating	Super High/High/Nom./Low		dBA	43/40/-/37	48/45/-/41	-	43/40/-/37	48/45/-/41	-
Refrigerant	Type				R-410A			R-410A		
Piping connections	Liquid	OD		mm	-			-		
	Gas	OD		mm	-			-		
	Drain	OD		mm	-			-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			1~ / 50 / 220-240		

Outdoor unit					*RZQG71LV1	*RZQG100LV1	*RZQG125LV1	*RZQG71LY1	*RZQG100LY1	*RZQG125LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320		990x940x320	1,430x940x320	
Weight	Unit			kg	77	99		77	99	
Fan - Air flow rate	Cooling	Nom.		m^3/min	-			-		
	Heating	Nom.		m^3/min	-			-		
Sound power level	Cooling	Nom.		dBA	64	66	-	64	66	-
Sound pressure level	Cooling	Nom.		dBA	48	50	-	48	50	-
	Heating	Nom.		dBA	50	52	-	50	52	-
	Night quiet mode	Level 1		dBA	-			-		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0			-15.0~50.0		
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5			-20.0~15.5		
Refrigerant	Type				R-410A			R-410A		
Piping connections	Level difference	IU - OU	Max.	m	-			-		
		IU - IU	Max.	m	-			-		
	Heat insulation				-			-		
	Total piping length	System	Actual	m	50	75		50	75	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			1~ / 50 / 220-240		

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FAQ-C / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

Indoor unit				NEW		NEW			
				*FAQ71C	*FAQ100C	*FAQ125C	*FAQ71C	*FAQ100C	*FAQ125C
Cooling capacity	Min./Nom./Max.		kW	To be confirmed			To be confirmed		
Heating capacity	Min./Nom./Max.		kW						
Power input	Cooling	Nom.	kW						
	Heating	Nom.	kW						
EER									
COP									
SEER*									
Annual energy consumption			kWh						
Energy label	Cooling/Heating								
Casing	Colour			White		-	White		-
Dimensions	Unit	HeightxWidthxDepth	mm	290x1,050x238	340x1,200x240	-	290x1,050x230	340x1,200x240	-
Weight	Unit		kg	14	17	-	14	17	-
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	-			-		
	Heating	High/Nom./Low	m^3/min	-			-		
Sound power level	Cooling	High/Nom./Low	dBA	-			-		
	Heating	High/Nom./Low	dBA	-			-		
Sound pressure level	Cooling	Super high/High/Nom./Low	dBA	43/40/-/37	48/45/-/41	-	43/40/-/37	48/45/-/41	-
	Heating	Super high/High/Nom./Low	dBA	43/40/-/37	48/45/-/41	-	43/40/-/37	48/45/-/41	-
Refrigerant	Type			R-410A			R-410A		
Piping connections	Liquid	OD	mm	-			-		
	Gas	OD	mm	-			-		
	Drain	OD	mm	-			-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			1~ / 50 / 220-240		

Outdoor unit				*RZQSG71LV1	*RZQSG100LV1	*RZQSG125LV1	*RZQSG71LY1	*RZQSG100LY1	*RZQSG125LY1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320			990x940x320		
Weight	Unit		kg	77			77		
Fan - Air flow rate	Cooling	Nom.	m^3/min	-			-		
	Heating	Nom.	m^3/min	-			-		
Sound power level	Cooling	Nom.	dBA	64	-		64	-	
Sound pressure level	Cooling	Nom.	dBA	48	55		48	55	
	Heating	Nom.	dBA	50	57		50	57	
	Night quiet mode	Level 1	dBA	-			-		
Operation range	Cooling	Ambient Min.~Max.	°CDB	-5.0~46			-5.0~46		
	Heating	Ambient Min.~Max.	°CWB	-15~15.5			-15~15.5		
Refrigerant	Type			R-410A			R-410A		
Piping connections	Liquid	OD	mm	-			-		
	Gas	OD	mm	-			-		
	Drain	OD	mm	-			-		
	Level difference	IU - OU Max.	m	-			-		
		IU - IU Max.	m	-			-		
	Heat insulation			-			-		
	Total piping length	System Actual	m	50			50		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			1~ / 50 / 220-240		

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FHQG-C / RZQG-LV1/Y1 Concealed ceiling unit

Preliminary

FHQG71C

RZQG100,125,140LV1/Y1

BRC1E52

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling season
- Energy efficient units: up to class A energy labels
- Can be installed in both new and existing buildings
- Ideal solution for shops, restaurants or offices without false ceilings
- The unit can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- The Sky Air® inverter is developed for use in light commercial applications, provides a more comfortable environment and offers great savings in energy consumption to shop, restaurant and office owners
- During start up, the room can be cooled down or heated very quickly; once the temperature in the room has reached its set point, the low power operation starts to save energy.
- No optional adapter needed for DIII-connection
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall

Heating & Cooling

Seasonal Smart

Indoor unit					*FHQG71C	*FHQG100C	*FHQG125C	*FHQG140C	*FHQG71C	*FHQG100C	*FHQG125C	*FHQG140C
Cooling capacity	Min./Nom./Max.			kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.			kW								
Power input	Cooling	Nom.		kW								
	Heating	Nom.		kW								
EER												
SEER*												
COP												
Annual energy consumption				kWh								
Energy label	Cooling/Heating											
Casing	Colour				Fresh white (6.5Y 9.5/0.5)				Fresh white (6.5Y 9.5/0.5)			
Dimensions	Unit	HeightxWidthxDepth		mm	235x1,270x690	235x1,590x690			235x1,270x690	235x1,590x690		
Weight	Unit			kg	32	38			32	38		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/14	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low		m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/14	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	Nom.		dBA	55	60	62	64	55	60	62	64
Sound pressure level	Cooling	High/Nom./Low		dBA	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low		dBA	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	VP 20 (ID20/OD 24)				VP 20 (ID20/OD 24)			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

Outdoor unit					*RZQG71L7V1	*RZQG100L7V1	*RZQG125L7V1	*RZQG140L7V1	*RZQG71L7Y1	*RZQG100L7Y1	*RZQG125L7Y1	*RZQG140L7Y1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	77	99			77	99		
Fan - Air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Sound power level	Cooling	Nom.		dBA	64	66	-		64	66	-	
Sound pressure level	Cooling	Nom.		dBA	48	50	-		48	50	-	
	Heating	Nom.		dBA	50	52	-		50	52	-	
	Night quiet mode	Level 1		dBA	-				-			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Level difference	IU - OU	Max.	m	-				-			
		IU - IU	Max.	m	-				-			
	Heat insulation				-				-			
	Total piping length	System	Actual	m	50	75			50	75		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FHQG-C / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

Indoor unit				*FHQG71C	*FHQG100C	*FHQG125C	*FHQG140C	*FHQG71C	*FHQG100C	*FHQG125C	*FHQG140C
Cooling capacity	Min./Nom./Max.		kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.		kW								
Power input	Cooling	Nom.	kW								
	Heating	Nom.	kW								
EER											
COP											
SEER*											
Annual energy consumption			kWh								
Energy label	Cooling/Heating										
Casing	Colour			Fresh white (6.5Y 9.5/0.5)				Fresh white (6.5Y 9.5/0.5)			
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690	235x1,590x690			235x1,270x690	235x1,590x690		
Required ceiling void >			mm	-				-			
Weight	Unit		kg	32	38			32	38		
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/14	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low	m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/14	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	Nom.	dBA	55	60	62	64	55	60	62	64
Sound pressure level	Cooling	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
Refrigerant	Type			R-410A				R-410A			
Piping connections	Liquid	OD	mm	9.52				9.52			
	Gas	OD	mm	15.9				15.9			
	Drain	OD	mm	VP 20 (ID20/OD 24)				VP 20 (ID20/OD 24)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

Outdoor unit				*RZQSG71LV1	*RZQSG100LV1	*RZQSG125LV1	*RZQSG140LV1	*RZQSG71LY1	*RZQSG100LY1	*RZQSG125LY1	*RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320			1,430x940x320	990x940x320			1,430x940x320
Weight	Unit		kg	77			99	77			99
Fan - Air flow rate	Cooling	Nom.	m^3/min	-				-			
	Heating	Nom.	m^3/min	-				-			
Sound power level	Cooling	Nom.	dBA	64	-			64	-		
Sound pressure level	Cooling	Nom.	dBA	48	55		-	48	55		-
	Heating	Nom.	dBA	50	57		-	50	57		-
	Night quiet mode	Level 1	dBA	-				-			
Operation range	Cooling	Ambient Min.~Max.	°CDB	-5.0~46				-5.0~46			
	Heating	Ambient Min.~Max.	°CWB	-15~15.5				-15~15.5			
Refrigerant	Type			R-410A				R-410A			
Piping connections	Liquid	OD	mm	-				-			
	Gas	OD	mm	-				-			
	Drain	OD	mm	-				-			
	Level difference	IU - OU Max.	m	-				-			
		IU - IU Max.	m	-				-			
	Heat insulation			-				-			
	Total piping length	System Actual	m	50				50			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FHQ-B / RXS-J/F Ceiling suspended unit

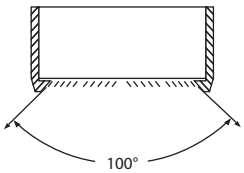
FHQ35,50B

RXS35J

BRC1E52 BRC7EA63W

INVERTER

- Energy efficient units: up to class A energy labels
- Can be installed in both new and existing buildings
- Wider air discharge thanks to Coanda effect: up to 100°



- Air flow distribution for ceiling heights up to 3.8m without capacity loss
- The unit can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the outdoor unit by 3dBA to ensure a quiet environment for the neighbourhood.

Heating & Cooling

Indoor unit					FHQ35B	FHQ50B	FHQ60B
Cooling capacity	Min./Nom./Max.			kW	1.4/3.4/3.7	1.7/5.0/5.6	1.7/5.7/6.0
Heating capacity	Min./Nom./Max.			kW	1.2/4.0/5.0	1.7/6.0/7.0	1.7/7.2/8.0
Power input	Cooling	Min./Nom./Max.		kW	-/1.050/-	0.440/1.830/2.020	0.44/2.15/2.23
	Heating	Min./Nom./Max.		kW	-/1.110/-	0.400/2.050/2.450	0.40/2.49/2.75
EER					3.24	2.73	2.65
COP					3.60	2.93	2.89
Annual energy consumption				kWh	525	915	1,075
Energy label	Cooling/Heating				A/B	D/D	
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	195x960x680		195x1,160x680
Weight	Unit			kg	24	25	27
Fan - Air flow rate	Cooling	High/Low		m^3/min	13/10		17/13
	Heating	High/Low		m^3/min	13/10		16/13
Sound power level	Cooling	High/Low		dBA	53/48	54/49	55/49
	Heating	High/Low		dBA	53/48	54/49	55/49
Sound pressure level	Cooling	High/Low		dBA	37/32	38/33	39/33
	Heating	High/Low		dBA	37/32	38/33	39/33
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5	12.7	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit					RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	48	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	36.0/30.1	50.9/48.9	50.9/45.0
	Heating	High/Super low		m^3/min	28.3/25.6	45.0/43.1	46.3/46.3
Sound power level	Cooling	Nom./High		dBA	-/63		
Sound pressure level	Cooling	High/Silent operation		dBA	48/44		49/46
	Heating	High/Silent operation		dBA	48/45		49/46
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.52	12.7	
	Level difference	IU - OU	Max.	m	15	20	
	Heat insulation				Both liquid and gas pipes		
	Total piping length	System	Actual	m	-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

FUQ-B / RZQG-LV1/Y1 Concealed ceiling unit

Preliminary

FUQ71B

RZQG100,125LV1/Y1

BRC1E52 BRC7CA528W

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling season Energy efficient units: up to class A energy labels
- The Sky Air® inverter is developed for use in light commercial applications, provides a more comfortable environment and offers great savings in energy consumption to shop, restaurant and office owners
- Can be installed in both new and existing buildings
- Air can be discharged in any of 4 directions
- Auto swing function ensures efficient air and temperature distribution
- Air can be discharged in 5 different angles between 0 and 60°
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 3.5m without capacity loss
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- An inverter driven compressor allows the capacity to be adjusted precisely to match variations in room and outside temperatures
- During start up, the room can be cooled down or heated very quickly; once the temperature in the room has reached its set point, the low power operation starts to save energy.
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall

Heating & Cooling

Seasonal Smart

Indoor unit					*FUQ71B	*FUQ100B	*FUQ125B	*FUQ71B	*FUQ100B	*FUQ125B
Cooling capacity	Min./Nom./Max.			kW	To be confirmed			To be confirmed		
Heating capacity	Min./Nom./Max.			kW						
Power input	Cooling	Nom.		kW						
	Heating	Nom.		kW						
EER										
COP										
SEER*										
Annual energy consumption				kWh						
Energy label	Cooling/Heating									
Casing	Colour				White			White		
Dimensions	Unit	HeightxWidthxDepth		mm	950x950x198			950x950x198		
Weight	Unit			kg	30	31.0		30	31.0	
Fan - Air flow rate	Cooling	High/Low		m^3/min	19/14	29/21	32/23	19/14	29/21	32/23
	Heating	High/Low		m^3/min	19/14	29/21	32/23	19/14	29/21	32/23
Sound power level	Cooling	High/Low		dBA	56/51	59/54	60/55	56/51	59/54	60/55
Sound pressure level	Cooling	High/Low		dBA	41/38/35	46/42/38	47/43/39	41/38/35	46/42/38	47/43/39
	Heating	High/Low		dBA	41/38/35	46/42/38	47/43/39	41/38/35	46/42/38	47/43/39
Refrigerant	Type				R-410A			R-410A		
Piping connections	Liquid	OD		mm	9.52			9.52		
	Gas	OD		mm	15.90			15.90		
	Drain	OD		mm	ID20 / OD26			ID20 / OD26		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			1~ / 50 / 220-240		

Outdoor unit					*RZQG71L7V1	*RZQG100L7V1	*RZQG125L7V1	*RZQG71L7Y1	*RZQG100L7Y1	*RZQG125L7Y1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320		990x940x320	1,430x940x320	
Weight	Unit			kg	77	99		77	99	
Fan - Air flow rate	Cooling	Nom.		m^3/min	-			-		
	Heating	Nom.		m^3/min	-			-		
Sound power level	Cooling	Nom.		dBA	64	66	-	64	66	-
Sound pressure level	Cooling	Nom.		dBA	48	50	-	48	50	-
	Heating	Nom.		dBA	50	52	-	50	52	-
	Night quiet mode	Level 1		dBA	-			-		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0			-15.0~50.0		
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5			-20.0~15.5		
Refrigerant	Type				R-410A			R-410A		
Piping connections	Level difference	IU - OU	Max.	m	-			-		
		IU - IU	Max.	m	-			-		
	Heat insulation				-			-		
	Total piping length	System	Actual	m	50	75		50	75	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			1~ / 50 / 220-240		

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FVQ-C / RZQG-LV1/Y1 Floor standing unit

Preliminary


FVQ-C


RZQG100,125,140LV1/Y1


BRC1E52

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling
- The Sky Air® inverter is developed for use in light commercial applications, provides a more comfortable environment and offers great savings in energy consumption to shop, restaurant and office owners
- Can be installed in both new and existing buildings
- During start up, the room can be cooled down or heated very quickly; once the temperature in the room has reached its set point, the low power operation starts to save energy.
- Beter airflow distribution
- Decrease in temperature variation with the air volume UP function (via remote control)
- No optional adapter needed for DIII-connection
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall

Heating & Cooling

Seasonal Smart

Indoor unit					*FVQ71C	*FVQ100C	*FVQ125C	*FVQ140C	*FVQ71C	*FVQ100C	*FVQ125C	*FVQ140C
Cooling capacity	Min./Nom./Max.			kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.			kW								
Power input	Cooling	Nom.		kW								
	Heating	Nom.		kW								
EER												
COP												
SEER*												
Annual energy consumption				kWh								
Energy label	Cooling/Heating											
Casing	Colour											
Dimensions	Unit	HeightxWidthxDepth		mm	1,850x600x270	1,850x600x350			1,850x600x270	1,850x600x350		
Weight	Unit			kg	39	47			39	47		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	-				-			
	Heating	High/Nom./Low		m^3/min	-				-			
Sound power level	Cooling	High/Nom./Low		dBA	-				-			
Sound pressure level	Cooling	High/Nom./Low		dBA	-				-			
	Heating	High/Nom./Low		dBA	-				-			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	-				-			
	Gas	OD		mm	-				-			
Power supply	Phase / Frequency / Voltage			Hz / V	-				-			

Outdoor unit					*RZQG71L7V1	*RZQG100L7V1	*RZQG125L7V1	*RZQG140L7V1	*RZQG71L7Y1	*RZQG100L7Y1	*RZQG125L7Y1	*RZQG140L7Y1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	77	99			77	99		
Fan - Air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Sound power level	Cooling	Nom.		dBA	64	66	-		64	66	-	
Sound pressure level	Cooling	Nom.		dBA	48	50	-		48	50	-	
	Heating	Nom.		dBA	50	52	-		50	52	-	
	Night quiet mode	Level 1		dBA	-				-			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Level difference	IU - OU	Max.	m	-				-			
		IU - IU	Max.	m	-				-			
	Heat insulation				-				-			
	Total piping length	System	Actual	m	50	75			50	75		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FVQ-C / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

Indoor unit					*FVQ71C	*FVQ100C	*FVQ125C	*FVQ140C	*FVQ71C	*FVQ100C	*FVQ125C	*FVQ140C
Cooling capacity	Min./Nom./Max.			kW	To be confirmed				To be confirmed			
Heating capacity	Min./Nom./Max.			kW								
Power input	Cooling	Nom.		kW								
	Heating	Nom.		kW								
EER												
COP												
SEER*												
Annual energy consumption				kWh								
Energy label	Cooling/Heating											
Casing	Colour											
Dimensions	Unit	HeightxWidthxDepth		mm	1,850x600x270	1,850x600x350			1,850x600x270	1,850x600x350		
Weight	Unit			kg	39	47			39	47		
Fan - Air flow rate	Cooling	Super high/High/Nom./Low/Silent operation		m^3/min	-				-			
	Heating	Super high/High/Nom./Low/Silent operation		m^3/min	-				-			
Sound power level	Cooling	Super high/High/Nom./Low		dBA	-				-			
	Heating	High/Nom./Low		dBA	-				-			
Sound pressure level	Cooling	Super high/High/Nom./Low/Silent operation		dBA	-				-			
	Heating	High/Nom./Low/Silent operation		dBA	-				-			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	-				-			
	Gas	OD		mm	-				-			
Power supply	Phase / Frequency / Voltage			Hz / V	-				-			

Outdoor unit					*RZQSG71LV1	*RZQSG100LV1	*RZQSG125LV1	*RZQSG140LV1	*RZQSG71LY1	*RZQSG100LY1	*RZQSG125LY1	*RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320			1,430x940x320	990x940x320			1,430x940x320
Weight	Unit			kg	77			99	77			99
Fan - Air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Sound power level	Cooling	Nom.		dBA	64	-			64	-		
Sound pressure level	Cooling	Nom.		dBA	48	55		-	48	55		-
	Heating	Nom.		dBA	50	57		-	50	57		-
	Night quiet mode	Level 1		dBA	-				-			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46.0				-5.0~46.0			
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5				-15~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	-				-			
	Gas	OD		mm	-				-			
	Drain	OD		mm	-				-			
	Level difference	IU - OU	Max.	m	-				-			
		IU - IU	Max.	m	-				-			
	Heat insulation				-				-			
	Total piping length	System	Actual	m	50				50			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

ACQ-A / AZQS-AV1/AW1 4-way blow ceiling mounted cassette

ACQ71A

AZQS71AV1/W1

ARCWLA

Siesta INVERTER

- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Air can be discharged in any of 4 directions
- Air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation and maintenance
- Daikin air conditioners are energy efficient and economical
- The use of inverter type outdoor units results in an air conditioning system with a high energy efficiency
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor units for pair application

Heating & Cooling

Indoor unit				ACQ71A	ACQ100A	ACQ125A	ACQ100A	ACQ125A
Cooling capacity	Min./Nom./Max.		kW	-/7.4/-	-/10.2/-	-/13.0/-	-/10.50/-	
Heating capacity	Min./Nom./Max.		kW	-/8.3/-	-/11.9/-	-/14.1/-	-/11.20/-	
Power input	Cooling	Nom.	kW	2.24	3.18	4.03	3.17	
	Heating	Nom.	kW	2.30	3.30	3.91	3.10	
EER				3.31	3.21	3.23	3.31	
COP				3.61			3.61	
Annual energy consumption			kWh	1,120	1,590	2,015	1,585	
Energy label	Cooling/Heating			A/A			A/A	
Dimensions	Unit	HeightxWidthxDepth	mm	300x820x820	335x820x820		335x820x820	
Weight	Unit		kg	31.0	39.0	41.0	39.0	41.0
Decoration panel	Dimensions	HeightxWidthxDepth	mm	40x170x170			40x170x170	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	cfm	860/725/620/530	1,030/860/740/620	1,200/1,030/930/780	1,030/860/740/620	1,200/1,030/930/780
	Heating	High/Nom./Low/Silent operation	cfm	860/725/620/530	1,030/860/740/620	1,200/1,030/930/780	1,030/860/740/620	1,200/1,030/930/780
Sound power level	Cooling	High/Nom./Low	dBA	54/50/48	57/55/54	60/57/55	57/55/54	60/57/55
	Heating	High/Nom./Low	dBA	54/50/48	57/55/54	60/57/55	57/55/54	60/57/55
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	41/38/35/32	44/41/38/36	47/44/43/39	44/41/38/36	47/44/43/39
	Heating	High/Nom./Low/Silent operation	dBA	41/38/35/32	44/41/38/36	47/44/43/39	44/41/38/36	47/44/43/39
Refrigerant	Type			R-410A			R-410A	
Piping connections	Liquid	OD	mm	9.52			9.52	
	Gas	OD	mm	15.88			15.88	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230			1~ / 50 / 230	

Outdoor unit				AZQS71AV1	AZQS100AV1	AZQS125AV1	AZQS100AW1	AZQS125AW1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	1,345x900x320		1,345x900x320	
Weight	Unit		kg	67	109		106	
Fan - Air flow rate	Cooling	Nom.	cfm	52	96	100	103.0	
	Heating	Nom.	cfm	48	90		101.0	
Sound power level	Cooling	Nom.	dBA	64	65	67	65.0	66.0
Sound pressure level	Cooling	Nom.	dBA	48	50	51	49.0	50.0
	Heating	Nom.	dBA	50	52	53	51.0	52.0
	Night quiet mode	Level 1	dBA	43	45		45.0	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-15.0~50.0			-15~50	
	Heating	Ambient Min.~Max.	°CWB	-20.0~15.5			-20~15.5	
Refrigerant	Type			R-410A			R-410A	
Piping connections	Liquid	OD	mm	9.52			9.52	
	Gas	OD	mm	15.9			15.9	
	Drain	OD	mm	26			26	
	Level difference	IU - OU Max.	m	30.0			30.0	
		IU - IU Max.	m	0.5			0.5	
	Heat insulation			Both liquid and gas pipes			Both liquid and gas pipes	
	Total piping length	System Actual	m	-			-	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			3~ / 50 / 400	

ABQ-A / AZQS-AV1/AW1 Concealed ceiling unit

ABQ71A

AZQS71AW1

ARCWA

Siesta INVERTER

- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Compact dimensions, can easily be mounted in a narrow ceiling void
- Air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation and maintenance
- Daikin air conditioners are energy efficient and economical
- The use of inverter type outdoor units results in an air conditioning system with a high energy efficiency
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor units for pair application

Heating & Cooling

Indoor unit					ABQ71A	ABQ100A	ABQ125A	ABQ140A	ABQ100A	ABQ125A	ABQ140A
Cooling capacity	Min./Nom./Max.			kW	-/7.2/-	-/10.2/-	-/13.3/-	-/13.9/-	-/10.20/-	-/12.50/-	-/14.0/-
Heating capacity	Min./Nom./Max.			kW	-/8.3/-	-/11.2/-	-/15.9/-	-/16.5/-	-/11.20/-	-/13.70/-	-/16.5/-
Power input	Cooling	Nom.		kW	2.21	3.09	4.15	4.61	3.08	4.10	4.76
	Heating	Nom.		kW	2.21	3.03	4.40	4.83	3.10	3.80	4.57
EER					3.26	3.30	3.21	3.01	3.31	3.05	2.94
COP					3.75	3.71	3.62	3.41		3.61	
Annual energy consumption				kWh	1,105	1,545	2,075	2,305	1,540	2,050	2,380
Energy label	Cooling/Heating				A/A			B/B	A/A	B/A	C/A
Dimensions	Unit	HeightxWidthxDepth		mm	285x1,020x600	305x1,325x638	378x1,388x541	378x1,588x541	305x1,325x638	378x1,388x541	378x1,588x541
Weight	Unit			kg	35.0	47.0	50.0	56.0	47.0	50.0	56.0
Fan - Air flow rate	Cooling	High/Nom./Low		cfm	850/700/590/480	1,280/1,160/1,050/920	1,430/1,320/1,230/1,130	1,720/1,550/1,340/1,170	1,280/1,160/1,050/920	1,430/1,320/1,230/1,130	1,720/1,550/1,340/1,170
	Heating	High/Nom./Low		cfm	850/700/590/480	1,280/1,160/1,050/920	1,430/1,320/1,230/1,130	1,720/1,550/1,340/1,170	1,280/1,160/1,050/920	1,430/1,320/1,230/1,130	1,720/1,550/1,340/1,170
Fan - External static pressure	Super high/High/Nom./Low			Pa	78/53/38/25	118/96/78/61	147/126/109/92	147/120/90/69	118/96/78/61	147/126/109/92	147/120/90/69
Sound power level	Cooling	Super high/High/Nom./Low		dBA	67/64/61/57	80/76/73/70	78/76/73/70	79/78/75/71	80/76/73/70	78/76/73/70	79/78/75/71
	Heating	High/Nom./Low		dBA	64/61/57	76/73/70		78/75/71	76/73/70		78/75/71
Sound pressure level	Cooling	Super high/High/Nom./Low		dBA	44/41/38/34	55/51/48/45	53/52/50/47	55/53/50/47	55/51/48/45	53/52/50/47	55/53/50/47
	Heating	High/Nom./Low		dBA	41/38/34	51/48/45	52/50/47	53/50/47	51/48/45	52/50/47	53/50/47
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.88				15.88		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230				1~ / 50 / 230		

Outdoor unit					AZQS71AV1	AZQS100AV1	AZQS125AV1	AZQS140AV1	AZQS100AW1	AZQS125AW1	AZQS140AW1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	1,345x900x320			1,345x900x320		
Weight	Unit			kg	67	109			106		
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	96	100	97	103.0	99.0	
	Heating	Nom.		m^3/min	48	90			101.0	100.0	
Sound power level	Cooling	Nom.		dBA	64	65	67	68	65.0	66.0	
Sound pressure level	Cooling	Nom.		dBA	48	50	51		49.0	50.0	
	Heating	Nom.		dBA	50	52	53		51.0	52.0	
	Night quiet mode	Level 1		dBA	43	45		46	45.0		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15~50		
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	30.0				30.0		
		IU - IU	Max.	m	0.5				0.5		
	Heat insulation				Both liquid and gas pipes				Both liquid and gas pipes		
	Total piping length	System	Actual	m	-				-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3~ / 50 / 400		

AHQ-A / AZQS-AV1/AW1 Ceiling suspended unit

AHQ71A

AZQS71AV1

ARCWLA

Siesta INVERTER

- Ideal solution for shops, restaurants or offices without false ceilings
- Can be installed in both new and existing buildings
- Air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation and maintenance
- Outdoor units are fitted with a scroll compressor, renowned for its low noise and high energy efficiency
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- Daikin air conditioners are energy efficient and economical
- The use of inverter type outdoor units results in an air conditioning system with a high energy efficiency
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor units for pair application

Heating & Cooling

Indoor unit					AHQ71A	AHQ100A	AHQ125A	AHQ140A	AHQ100A	AHQ125A	AHQ140A
Cooling capacity	Min./Nom./Max.			kW	-/7.6/-	-/9.7/-	-/12.6/-	-/13.5/-	-/10.00/-	-/12.50/-	-/12.70/-
Heating capacity	Min./Nom./Max.			kW	-/8.1/-	-/11.4/-	-/15.4/-	-/16.6/-	-/11.20/-	-/14.00/-	-/15.10/-
Power input	Cooling	Nom.		kW	2.51	3.20	4.44	5.13	3.24	4.24	5.02
	Heating	Nom.		kW	2.66	3.51	4.80	4.37	3.10	4.00	4.31
EER					3.03		2.84	2.63	3.09	2.95	2.53
COP					3.05	3.25	3.21	3.80	3.61	3.50	
Annual energy consumption				kWh	1,255	1,600	2,220	2,565	1,620	2,120	2,510
Energy label	Cooling/Heating				B/D	B/C	C/C	D/A	B/A	C/B	E/B
Dimensions	Unit	HeightxWidthxDepth		mm	218x1,090x630	260x1,538x634	260x1,786x634	285x1,902x680	260x1,538x634	260x1,786x634	285x1,902x680
Weight	Unit			kg	27	45	65	70	45	65	70
Fan - Air flow rate	Cooling	Nom.		cfm	640	1,100	1,324	1,550	1,100	1,324	1,550
	Heating	Nom.		cfm	640	1,100	1,324	1,550	1,100	1,324	1,550
Sound power level	Cooling	High		dBA	66	68	-	70	68	-	70
	Heating	High		dBA	66	68	-	70	68	-	70
Sound pressure level	Cooling	High/Nom./Low		dBA	56/51/44	52/47/46	52/50/49	56/53/46	52/47/46	52/50/49	56/53/46
	Heating	High/Nom./Low		dBA	56/51/44	52/47/46	52/50/49	56/53/46	52/47/46	52/50/49	56/53/46
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.88				15.88		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230				1~ / 50 / 230		

Outdoor unit					AZQS71AV1	AZQS100AV1	AZQS125AV1	AZQS140AV1	AZQS100AW1	AZQS125AW1	AZQS140AW1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	1,345x900x320			1,345x900x320		
Weight	Unit			kg	67	109			106		
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	96	100	97	103.0	99.0	
	Heating	Nom.		m^3/min	48	90			101.0	100.0	
Sound power level	Cooling	Nom.		dBA	64	65	67	68	65.0	66.0	
Sound pressure level	Cooling	Nom.		dBA	48	50	51		49.0	50.0	
	Heating	Nom.		dBA	50	52	53		51.0	52.0	
	Night quiet mode	Level 1		dBA	43	45		46	45.0		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15~50		
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	30.0				30.0		
		IU - IU	Max.	m	0.5				0.5		
	Heat insulation				Both liquid and gas pipes				Both liquid and gas pipes		
	Total piping length	System	Actual	m	-				-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3~ / 50 / 400		

INVERTER

- Especially developed for light commercial applications (shops, restaurants, bars, hairdressers, small offices or 2-storey areas) where multi systems are required
- High efficiency: COP ranges up to 4.1
- Asymmetric combination is allowed: combination of different indoor units with different capacities is possible
- Individual control: up to 4 indoor units can be controlled individually
- Maximum piping length up to 200m and level difference (outdoor unit-indoor unit) up to 30m
- Possibility to install the unit on the roof, placed against an outside wall or even indoors

Heating & Cooling

CONNECTABLE INDOOR UNITS				FMCQ50A8	FMCQ60A8	FMCQ71A8	FMCQ100A8	FMCQ125A8
Cooling capacity	Nom.		kW	5.0	6.0	7.1	10.0	12.5
Heating capacity	Nom.		kW	5.6	6.7	8.0	11.2	14.0
Power input - 50Hz	Cooling	Nom.	kW	0.083	0.095	0.120	0.173	0.258
	Heating	Nom.	kW	0.067	0.114	0.108	0.176	0.246
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		246x840x840		288x840x840
Weight	Unit		kg	21		24		26
Decoration panel	Model			BYCQ140CW1[1] / BYCQ140CW1W[2] / BYCQ140CGW1[3]				
	Colour			Pure White(RAL 9010)				
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950				
	Weight		kg	5.5 / 5.5 / 11.5				
Sound power level	Cooling	High/Nom.	dBA	51/-	52/-	55/-	58/-	61/-
Sound pressure level	Cooling	High/Low	dBA	33/28	34/29	38/32	41/33	44/34
	Heating	High/Low	dBA	33/28	36/30	38/32	42/34	44/34
Refrigerant	Type			R-410A				
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (I.D. 25/O.D. 32)	9.52/15.9/VP25 (I.D. 25/O.D. 32)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220				

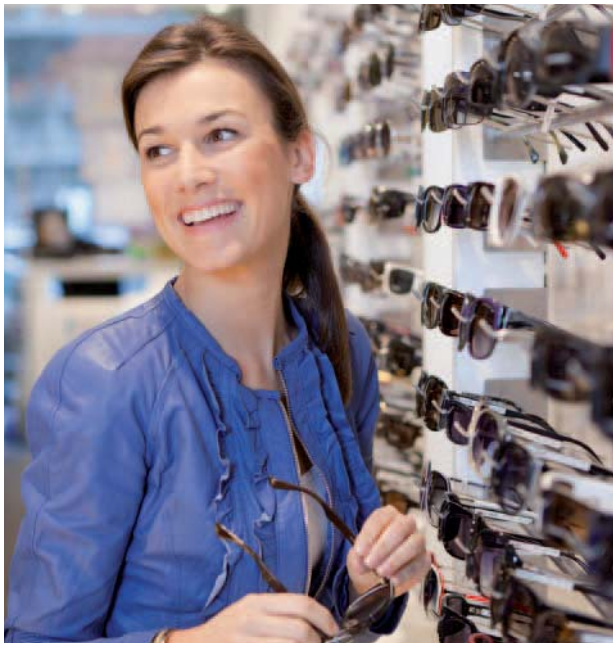
[1] Pure white standard panel with grey louvers / [2] Pure white standard panel with louvers / [3] Pure white auto cleaning panel

CONNECTABLE INDOOR UNITS				FMDQ50B	FMDQ60B	FMDQ71B	FMDQ100B	FMDQ125B
Cooling capacity	Nom.		kW	5.0	6.0	7.1	10.0	12.5
Heating capacity	Nom.		kW	5.6	6.7	8.0	12.5	14.0
Power input - 50Hz	Cooling	Nom.	kW	0.192	0.142	0.163	0.247	0.303
	Heating	Nom.	kW	0.192	0.142	0.163	0.247	0.303
Dimensions	Unit	HeightxWidthxDepth	mm	300x700x700	300x1,000x700		300x1,400x700	
Required ceiling void			mm	350				
Weight	Unit		kg	26	35		46	
Decoration panel	Model			BYBS45DJW1	BYBS71DJW1	BYBS125DJW1		
	Colour			White (10Y9/0.5)				
	Dimensions	HeightxWidthxDepth	mm	55x800x500	55x1,100x500	55x1,500x500		
	Weight		kg	3.5	4.5	6.5		
Fan-External static pressure	High		Pa	100			120	
	Nom.		Pa	30		40		50
Sound power level	Cooling	Nom.	dBA	63	59	63	61	66
Sound pressure level	Cooling	High/Low	dBA	37/29	37/30	38/32		40/33
	Heating	High/Low	dBA	37/29	37/30	38/32		40/33
Refrigerant	Type			R-410A				
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)	9.52/15.9/VP25 (O.D. 32 / I.D. 25)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220				

CONNECTABLE OUTDOOR UNIT					CMSQ200A	CMSQ250A
Capacity range				HP	8	10
Cooling capacity	Nom.			kW	20.0	25.0
Heating capacity	Nom.			kW	22.4	28.0
Power input - 50Hz	Cooling	Nom.		kW	6.60	6.74
	Heating	Nom.		kW	5.80	6.83
EER					3.03	3.71
COP					3.86	4.10
Maximum number of connectable indoor units					4	
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x635x765	1,680x930x765
Weight	Unit			kg	159	187
Fan-Air flow rate	Cooling	Nom.		m^3/min	95	171
	Heating	Nom.		m^3/min	95	171
Sound power level	Cooling	Nom.		dBA	78	81
Sound pressure level	Cooling	Nom.		dBA	57	59
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0	
	Heating	Min.~Max.		°CWB	-20.0~15.0	
Refrigerant	Type				R-410A	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	15.9	19.1
	Total piping length	System	Actual	m	200	
	Level difference	OU - IU		m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	3N~ / 50 / 400	

Seasonal Smart

- Seasonal efficiency, optimized for all seasons
- Seasonal smart series already comply with the EU's 2014 Eco-Design requirements
- Suits computer room applications (EDP)
- Re-use of existing R-22 or R-407C technology
- Down to -20°C in heating mode
- Standard night quiet mode
- Maximum piping length up to 75m
- Minimum piping length: no limitation
- Compatibility with D-BACS



CONNECTABLE INDOOR UNITS							
Indoor units				*FCQHG71F	*FCQHG100F	*FCQHG125F	*FCQHG140F
Dimensions	Unit	HeightxWidthxDepth	mm	246x840x840	288x840x840		
Weight	Unit		kg	23	25		
Fan-air flow rate	Cooling	Nom.	m^3/min	-			
	Heating	Nom.	m^3/min	-			
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]			
	Colour			Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950			
	Weight		kg	5.5 / 5.5 / 11.5			
Sound power level	Cooling	High	dBA	54	62		
Sound pressure level	Cooling	High/Nom./Low	dBA	36/33/32	44/39/33	45/41/35	45/41/37
	Heating	High/Nom./Low	dBA	36/33/32	44/39/33	45/41/35	45/41/37
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	-			
	Gas	OD	mm	-			
	Drain	OD	mm	-			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

[1] Pure white standard panel with grey louvers / [2] Pure white standard panel with white louvers / [3] Pure white auto cleaning panel

CONNECTABLE INDOOR UNITS							
Indoor units				*FCQG71F	*FCQG100F	*FCQG125F	*FCQG140F
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840	246x840x840		
Fan-air flow rate	Cooling	Nom.	m^3/min	-			
	Heating	Nom.	m^3/min	-			
Weight	Unit		kg	-			
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]			
	Colour			Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950			
	Weight		kg	5.5 / 5.5 / 11.5			
Sound power level	Cooling	High	dBA	51	54	58	
Sound pressure level	Cooling	High/Nom./Low	dBA	33/31/28	37/35/32	41/38/35	
	Heating	High/Nom./Low	dBA	33/31/28	37/35/32	41/38/35	
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	15.9			
	Drain	OD	mm	26			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

[1] Pure white standard panel with grey louvers / [2] Pure white standard panel with white louvers / [3] Pure white auto cleaning panel

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS								
Indoor unit				*FBQ71C8	*FBQ100C8	*FBQ125C8	*FBQ140C8
Casing	Colour			Unpainted			
Dimensions	Unit	HeightxWidthxDepth	mm	300x1,000x700	300x1,400x700		
Required ceiling void >			mm	350			
Weight	Unit		kg	34	45		
Decoration panel	Model			BYBS71DJW1	BYBS125DJW1		
	Colour			White (10Y9/0.5)			
	Dimensions	HeightxWidthxDepth	mm	55x1,100x500	55x1,500x500		
	Weight		kg	4.5	6.5		
Fan - Air flow rate	Cooling	High/Low	m^3/min	18/15	32/23	39/28	
	Heating	High/Low	m^3/min	18/15	32/23	39/28	41/29
Fan - External static pressure	High/Nom.		Pa	100/30	120/40	120/50	
Sound power level	Cooling	High	dBA	57	61	66	
Sound pressure level	Cooling	High	dBA	37/29	38/32	40/33	
	Heating	High/Low	dBA	37/29	38/32	40/33	41/34
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	15.9			
	Drain	OD	mm	26			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

CONNECTABLE INDOOR UNITS							
Indoor unit				FHQG71C	FHQG100C	FHQG125C	FHQG140C
Casing	Colour			Fresh white (6.5Y 9.5/0.5)			
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690	235x1,590x690		
Weight	Unit		kg	32	38		
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low	m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	Nom.	dBA	55	60	62	64
Sound pressure level	Cooling	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	15.9			
	Drain	OD	mm	VP 20 (ID20/OD 24)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			

CONNECTABLE INDOOR UNITS						
Indoor unit				FUQ71B	FUQ100B	FUQ125B
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	950x950x198		
Weight	Unit		kg	30	31.0	
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	23.5/16/14	31/25/21	35/27/23
	Heating	High/Nom./Low	m^3/min	23.5/16/14	31/25/21	35/27/23
Sound power level	Cooling	High/Nom./Low	dBA	56/51	59/54	60/55
Sound pressure level	Cooling	High/Nom./Low	dBA	41/38/35	46/42/38	47/43/39
	Heating	High/Nom./Low	dBA	41/38/35	46/42/38	47/43/39
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.90		
	Drain	OD	mm	ID20 / OD26		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit				*FAQ71C	*FAQ100C	*FAQ125C
Casing	Colour			White		-
Dimensions	Unit	HeightxWidthxDepth	mm	290x1,050x238	340x1,200x240	
Weight	Unit		kg	14	17	
Fan - Air flow rate	Cooling	High	m^3/min	-		
	Heating	High	m^3/min	-		
Sound power level	Cooling	High	dBA	-		
	Heating	High	dBA	-		
Sound pressure level	Cooling	High/Nom./Low	dBA	43/40/37	48/45/41	-
	Heating	High/Nom./Low	dBA	43/40/37	48/45/41	-
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	-		
	Gas	OD	mm	-		
	Drain	OD	mm	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS					
Indoor unit					*FDQ125C
Casing	Colour				Unpainted
Dimensions	Unit	HeightxWidthxDepth		mm	3001,400x700
Required ceiling void >				mm	-
Weight	Unit			kg	-
Fan - Air flow rate	Cooling	High/Low		m^3/min	39/28
	Heating	High/Low		m^3/min	39/28
Fan - External static pressure	High/Nom.			Pa	200/50
Sound power level	Cooling	High		dBA	66
Sound pressure level	Cooling	High/Low		dBA	40/33
	Heating	High/Low		dBA	-
Refrigerant	Type				R-410A
Piping connections	Liquid	OD		mm	-
	Gas	OD		mm	-
	Drain	OD		mm	-
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230

CONNECTABLE INDOOR UNITS								
Indoor unit				*FVQ71C	*FVQ100C	*FVQ125C	*FVQ140C
Casing	Colour			-			
Dimensions	Unit	HeightxWidthxDepth	mm	1,850x600x270	1,850x600x350		
Weight	Unit		kg	39	47		
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	-			
	Heating	High/Nom./Low	m^3/min	-			
Sound power level	Cooling	High/Nom./Low	dBA	-			
Sound pressure level	Cooling	High/Nom./Low	dBA	-			
	Heating	High/Nom./Low	dBA	-			
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	-			
	Gas	OD	mm	-			
Power supply	Phase / Frequency / Voltage		Hz / V	-			

Preliminary

Seasonal Smart

CONNECTABLE INDOOR UNITS											
Outdoor unit				*RZQG71L7V1	*RZQG100L7V1	*RZQG125L7V1	*RZQG140L7V1	*RZQG71L7Y1	*RZQG100L7Y1	*RZQG125L7Y1	*RZQG140L7Y1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1,430x940x320			990x940x320			1,430x940x320
Weight	Unit		kg	77	99			77	99		
Fan - Air flow rate	Cooling	Nom.	m^3/min	-				-			
	Heating	Nom.	m^3/min	-				-			
Sound power level	Cooling	Nom.	dBA	64	66	-		64	66	-	
Sound pressure level	Cooling	Nom.	dBA	48	50	-		48	50	-	
	Heating	Nom.	dBA	50	52	-		50	52	-	
	Night quiet mode	Level 1	dBA	-				-			
Operation range	Cooling	Ambient Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type			R-410A				R-410A			
Piping connections	Level difference	IU - OU Max.	m	30.0				-			
		IU - IU Max.	m	-				-			
	Heat insulation			-				-			
	Total piping length	System Actual	m	50	75			50	75		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

*Note: grey cells contain preliminary data

Seasonal Classic

- Seasonal efficiency, optimized for all seasons
- Re-use of existing R-22 or R-407C technology
- Down to -15°C in heating mode
- Maximum piping length up to 50m
- Minimum piping length: no limitation
- Compatibility with D-BACS

CONNECTABLE INDOOR UNITS							
Indoor units				*FCQHG71F	*FCQHG100F	*FCQHG125F	*FCQHG140F
Dimensions	Unit	HeightxWidthxDepth	mm	246x840x840	288x840x840		
Weight	Unit		kg	23	25		
Fan-air flow rate	Cooling	Nom.	m^3/min	-			
	Heating	Nom.	m^3/min	-			
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]			
	Colour			Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950			
	Weight		kg	5.5 / 5.5 / 11.5			
Sound power level	Cooling	High	dBA	54	62		
Sound pressure level	Cooling	High/Nom./Low	dBA	36/33/32	44/39/33	45/41/35	45/41/37
	Heating	High/Nom./Low	dBA	36/33/32	44/39/33	45/41/35	45/41/37
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	-			
	Gas	OD	mm	-			
	Drain	OD	mm	-			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

[1] Pure white standard panel with grey louvers / [2] Pure white standard panel with white louvers / [3] Pure white auto cleaning panel

CONNECTABLE INDOOR UNITS							
Indoor units				*FCQG71F	*FCQG100F	*FCQG125F	*FCQG140F
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840	246x840x840		
Fan-air flow rate	Cooling	Nom.	m^3/min	-			
	Heating	Nom.	m^3/min	-			
Weight	Unit		kg	-			
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]			
	Colour			Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950			
	Weight		kg	5.5 / 5.5 / 11.5			
Sound power level	Cooling	High	dBA	51	54	58	
Sound pressure level	Cooling	High/Nom./Low	dBA	33/31/28	37/35/32	41/38/35	
	Heating	High/Nom./Low	dBA	33/31/28	37/35/32	41/38/35	
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	15.9			
	Drain	OD	mm	26			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

[1] Pure white standard panel with grey louvers / [2] Pure white standard panel with white louvers / [3] Pure white auto cleaning panel

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS								
Indoor unit				*FBQ71C8	*FBQ100C8	*FBQ125C8	*FBQ140C8
Casing	Colour			Unpainted			
Dimensions	Unit	HeightxWidthxDepth	mm	300x1,000x700	300x1,400x700		
Required ceiling void >			mm	350			
Weight	Unit		kg	34	45		
Decoration panel	Model			BYBS71DJW1	BYBS125DJW1		
	Colour			White (10Y9/0.5)			
	Dimensions	HeightxWidthxDepth	mm	55x1,100x500	55x1,500x500		
	Weight		kg	4.5	6.5		
Fan - Air flow rate	Cooling	High/Low	m^3/min	18/15	32/23	39/28	
	Heating	High/Low	m^3/min	18/15	32/23	39/28	41/29
Fan - External static pressure	High/Nom.		Pa	100/30	120/40	120/50	
Sound power level	Cooling	High	dBA	57	61	66	
Sound pressure level	Cooling	High	dBA	37/29	38/32	40/33	
	Heating	High/Low	dBA	37/29	38/32	40/33	41/34
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	15.9			
	Drain	OD	mm	26			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

CONNECTABLE INDOOR UNITS							
Indoor unit				FHQG71C	FHQG100C	FHQG125C	FHQG140C
Casing	Colour			Fresh white (6.5Y 9.5/0.5)			
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690	235x1,590x690		
Weight	Unit		kg	32	38		
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low	m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	Nom.	dBA	55	60	62	64
Sound pressure level	Cooling	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	15.9			
	Drain	OD	mm	VP 20 (ID20/OD 24)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			

CONNECTABLE INDOOR UNITS						
Indoor unit				*FAQ71C	*FAQ100C	*FAQ125C
Casing	Colour			White		-
Dimensions	Unit	HeightxWidthxDepth	mm	290x1,050x238	340x1,200x240	
Weight	Unit		kg	14	17	
Fan - Air flow rate	Cooling	High	m^3/min	-		
	Heating	High	m^3/min	-		
Sound power level	Cooling	High	dBA	-		
	Heating	High	dBA	-		
Sound pressure level	Cooling	High/Nom./Low	dBA	43/40/37	48/45/41	-
	Heating	High/Nom./Low	dBA	43/40/37	48/45/41	-
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	-		
	Gas	OD	mm	-		
	Drain	OD	mm	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS								
Indoor unit					*FBQ71C8	*FBQ100C8	*FBQ125C8	*FBQ140C8
Casing	Colour				Unpainted			
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,000x700	300x1,400x700		
Required ceiling void >				mm	350			
Weight	Unit			kg	34	45		
Decoration panel	Model				BYBS71DJW1	BYBS125DJW1		
	Colour				White (10Y9/0.5)			
	Dimensions	HeightxWidthxDepth		mm	55x1,100x500	55x1,500x500		
	Weight			kg	4.5	6.5		
Fan - Air flow rate	Cooling	High/Low		m^3/min	18/15	32/23	39/28	
	Heating	High/Low		m^3/min	18/15	32/23	39/28	41/29
Fan - External static pressure	High/Nom.			Pa	100/30	120/40	120/50	
Sound power level	Cooling	High		dBA	57	61	66	
Sound pressure level	Cooling	High		dBA	37/29	38/32	40/33	
	Heating	High/Low		dBA	37/29	38/32	40/33	41/34
Refrigerant	Type				R-410A			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	15.9			
	Drain	OD		mm	26			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220			

CONNECTABLE INDOOR UNITS								
Indoor unit					*FVQ71C	*FVQ100C	*FVQ125C	*FVQ140C
Casing	Colour				-			
Dimensions	Unit	HeightxWidthxDepth		mm	1,850x600x270	1,850x600x350		
Weight	Unit			kg	39	47		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	-			
	Heating	High/Nom./Low		m^3/min	-			
Sound power level	Cooling	High/Nom./Low		dBA	-			
Sound pressure level	Cooling	High/Nom./Low		dBA	-			
	Heating	High/Nom./Low		dBA	-			
Refrigerant	Type				R-410A			
Piping connections	Liquid	OD		mm	-			
	Gas	OD		mm	-			
Power supply	Phase / Frequency / Voltage			Hz / V	-			

Preliminary

Seasonal Classic

CONNECTABLE OUTDOOR UNITS												
Outdoor unit					*RZQSG71LV1	*RZQSG100LV1	*RZQSG125LV1	*RZQSG140LV1	*RZQSG71LY1	*RZQSG100LY1	*RZQSG125LY1	*RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320			1,430x940x320	990x940x320			1,430x940x320
Weight	Unit			kg	77			99	77			99
Fan - Air flow rate	Cooling	Nom.		m^3/min	-				-			
	Heating	Nom.		m^3/min	-				-			
Sound power level	Cooling	Nom.		dBA	64	-			64	-		
Sound pressure level	Cooling	Nom.		dBA	48	55		-	48	55		-
	Heating	Nom.		dBA	50	57		-	50	57		-
	Night quiet mode	Level 1		dBA	-				-			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46				-5.0~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5				-15~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	-				-			
	Gas	OD		mm	-				-			
	Drain	OD		mm	-				-			
	Level difference	IU - OU	Max.	m	-				-			
		IU - IU	Max.	m	-				-			
	Heat insulation				Both liquid and gas pipes				-			
	Total piping length	System	Actual	m	50				50			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

*Note: grey cells contain preliminary data

- Re-use of existing R-22 or R-407C piping
- Down to -15°C in heating mode
- Standard night quiet mode
- Maximum piping length up to 100m
- Maximum installation height difference up to 30m

CONNECTABLE INDOOR UNITS							
Indoor units				*FCQHG71F	*FCQHG100F	*FCQHG125F	*FCQHG140F
Dimensions	Unit	HeightxWidthxDepth	mm	246x840x840	288x840x840		
Weight	Unit		kg	23	25		
Fan-air flow rate	Cooling	Nom.	m^3/min	-			
	Heating	Nom.	m^3/min	-			
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]			
	Colour			Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950			
	Weight		kg	5.5 / 5.5 / 11.5			
Sound power level	Cooling	High	dBA	54	62		
Sound pressure level	Cooling	High/Nom./Low	dBA	36/33/32	44/39/33	45/41/35	45/41/37
	Heating	High/Nom./Low	dBA	36/33/32	44/39/33	45/41/35	45/41/37
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	15.9			
	Drain	OD	mm	26			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

[1] Pure white standard panel with grey louvers / [2] Pure white standard panel with white louvers / [3] Pure white auto cleaning panel

CONNECTABLE INDOOR UNITS							
Indoor units				*FCQG71F	*FCQG100F	*FCQG125F	*FCQG140F
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840	246x840x840		
Fan-air flow rate	Cooling	Nom.	m^3/min	-			
	Heating	Nom.	m^3/min	-			
Weight	Unit		kg	-			
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]			
	Colour			Pure White(RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950			
	Weight		kg	5.5 / 5.5 / 11.5			
Sound power level	Cooling	High	dBA	51	54	58	
Sound pressure level	Cooling	High/Nom./Low	dBA	33/31/28	37/35/32	41/38/35	
	Heating	High/Nom./Low	dBA	33/31/28	37/35/32	41/38/35	
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	15.9			
	Drain	OD	mm	26			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

[1] Pure white standard panel with grey louvers / [2] Pure white standard panel with white louvers / [3] Pure white auto cleaning panel

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS					
Indoor unit				*FFQ50B9V	*FFQ60B9V
Dimensions	Unit	HeightxWidthxDepth	mm	286x575x575	
Weight	Unit		kg	17.5	
Decoration panel	Model			BYFQ60BAW1	
	Colour			Pure White (RAL 9010)	
	Dimensions	HeightxWidthxDepth	mm	55x700x700	
	Weight		kg	2.7	
Fan - Air flow rate	Cooling	High/Low	m^3/min	12.0/8.0	15.0/10.0
	Heating	High/Low	m^3/min	12.0/8.0	15.0/10.0
Sound power level	Cooling	High	dBA	53.0	58.0
Sound pressure level	Cooling	High/Low	dBA	36.0/27.0	41.0/32.0
	Heating	High/Low	dBA	36.0/27.0	41.0/32.0
Refrigerant	Type			R-410A	
Piping connections	Liquid	OD	mm	6.35	
	Gas	OD	mm	12.7	
	Drain			26	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230	

CONNECTABLE INDOOR UNITS							
Indoor unit				*FBQ35C8	*FBQ50C8	*FBQ60C8	*FBQ71C8
Casing	Colour			Unpainted			
Dimensions	Unit	HeightxWidthxDepth	mm	300x700x700		300x1,000x700	
Required ceiling void >			mm	350			
Weight	Unit		kg	25		34	
Decoration panel	Model			BYBS45DJW1		BYBS71DJW1	
	Colour			White (10Y9/0.5)			
	Dimensions	HeightxWidthxDepth	mm	55x800x500		55x1,100x500	
	Weight		kg	3.5		4.5	
Fan - Air flow rate	Cooling	High/Low	m^3/min	16/11		18/15	
	Heating	High/Low	m^3/min	16/11		18/15	
Fan - External static pressure	High/Nom.		Pa	100/30			
Sound power level	Cooling	High	dBA	63		57	
Sound pressure level	Cooling	High/Low	dBA	37/29			
	Heating	High/Low	dBA	37/29			
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			9.52
	Gas	OD	mm	9.52	12.70		15.90
	Drain			VP 25 (OD 32/ID 25)	VP25 (O.D. 32 / I.D. 25)		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

CONNECTABLE INDOOR UNITS					
Indoor unit				FHQ50B	FHQ60B
Casing	Colour			White	
Dimensions	Unit	HeightxWidthxDepth	mm	195x960x680	195x1,160x680
Weight	Unit		kg	25	27
Fan - Air flow rate	Cooling	High/Low	m^3/min	13/10	17/13
	Heating	High/Low	m^3/min	13/10	16/13
Sound power level	Cooling	High/Low	dBA	54/49	55/49
	Heating	High/Low	dBA	54/49	55/49
Sound pressure level	Cooling	High/Low	dBA	38/33	39/33
	Heating	High/Low	dBA	38/33	39/33
Refrigerant	Type			R-410A	
Piping connections	Liquid	OD	mm	6.35	
	Gas	OD	mm	12.70	
	Drain			VP20 (I.D. 20/O.D. 26)	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240	

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS							
Indoor unit				FHQG71C	FHQG100C	FHQG125C	FHQG140C
Casing	Colour			Fresh white (6.5Y 9.5/0.5)			
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690	235x1,590x690		
Weight	Unit		kg	32	38		
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low	m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	Nom.	dBA	55	60	62	64
Sound pressure level	Cooling	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	15.9			
	Drain	OD	mm	VP 20 (ID20/OD 24)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			

CONNECTABLE INDOOR UNITS						
Indoor unit				FUQ71B	FUQ100B	FUQ125B
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	950x950x198		
Weight	Unit		kg	30	31.0	
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	23.5/16/14	31/25/21	35/27/23
	Heating	High/Nom./Low	m^3/min	23.5/16/14	31/25/21	35/27/23
Sound power level	Cooling	High/Nom./Low	dBA	56/51	59/54	60/55
Sound pressure level	Cooling	High/Nom./Low	dBA	41/38/35	46/42/38	47/43/39
	Heating	High/Nom./Low	dBA	41/38/35	46/42/38	47/43/39
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.90		
	Drain	OD	mm	ID20 / OD26		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit				*FAQ71C	*FAQ100C	*FAQ125C
Casing	Colour			White		-
Dimensions	Unit	HeightxWidthxDepth	mm	290x1,050x238	340x1,200x240	
Weight	Unit		kg	14	17	
Fan - Air flow rate	Cooling	High	m^3/min	-		
	Heating	High	m^3/min	-		
Sound power level	Cooling	High	dBA	-		
	Heating	High	dBA	-		
Sound pressure level	Cooling	Super high/High/Low	dBA	43/40/37	48/45/41	-
	Heating	Super high/High/Low	dBA	43/40/37	48/45/41	-
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	-		
	Gas	OD	mm	-		
	Drain	OD	mm	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS				
Indoor unit				*FDQ125C
Casing	Colour			Unpainted
Dimensions	Unit	HeightxWidthxDepth	mm	3001,400x700
Required ceiling void >			mm	-
Weight	Unit		kg	-
Fan - Air flow rate	Cooling	High/Low	m^3/min	39/28
	Heating	High/Low	m^3/min	39/28
Fan - External static pressure	High/Nom.		Pa	200/50
Sound power level	Cooling	High	dBA	66
Sound pressure level	Cooling	High/Low	dBA	40/33
	Heating	High/Low	dBA	-
Refrigerant	Type			R-410A
Piping connections	Liquid	OD	mm	-
	Gas	OD	mm	-
	Drain	OD	mm	-
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230

*Note: grey cells contain preliminary data

CONNECTABLE OUTDOOR UNITS						
Outdoor unit					RZQ200C	RZQ250C
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765	
Weight	Unit			kg	183	184
Fan - Air flow rate	Cooling	Nom.		m^3/min	171	
	Heating	Nom.		m^3/min	171	
Fan - External static pressure	Max.			Pa	78	
Sound power level		Nom.		dBA	78	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46.0	
	Heating	Ambient	Min.~Max.	°CWB	-15.0~15.0	
Refrigerant	Type				R-410A	
Piping connections	Level difference	IU - OU	Max.	m	100	
	Total piping length	System	Actual	m	-	
Power supply	Phase / Frequency / Voltage			Hz / V	3N~ / 50 / 380-415	

UATYQ-CY1

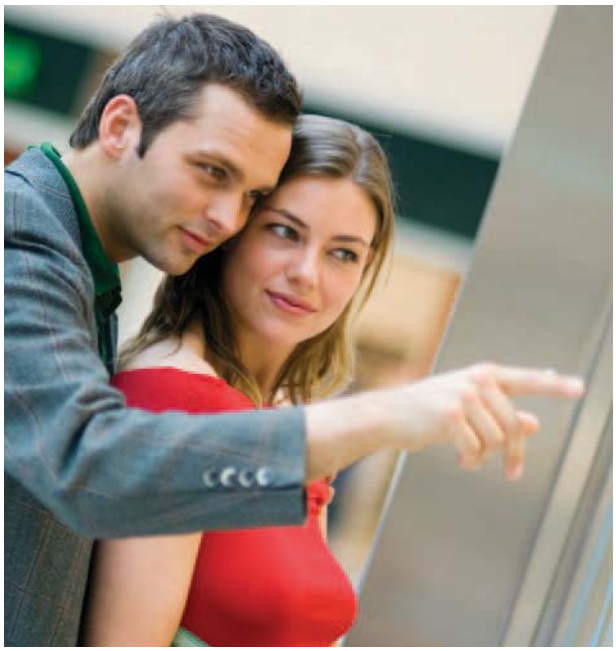
Rooftop - heat pump

UATYQ-CY1

Remote Control

R-410A

- Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- High efficiency and reliable scroll compressor
- Wide operating range
- Flat top unit design allows maximum use of warehouse and container space
- Free cooling and fresh air intake possible with optional economiser
- Convertible return and supply air: fan can be mounted in two directions
- Factory pre-charged refrigerant ensures clean and efficient operation
- Belt driven fan enables air volume and static pressure to be adjusted as required.
- Adjustable fan pulley as standard to meet a wide range of supply air volumes and external static pressures
- Anti-corrosion treated coil



PLUG AND PLAY INSTALLATION

Heating & Cooling

Indoor unit					UATYQ250CY1	UATYQ350CY1	UATYQ450CY1	UATYQ550CY1	UATYQ600CY1	UATYQ700CY1
Cooling capacity	Nom.			kW	27.340	35.580	44.720	55,690.000	66.820	72.600
Heating capacity	Nom.			kW	24.910	34.790	41.790	53.930	61.690	69.610
Power input	Cooling	Nom.		kW	8.140	10.780	13.040	16.740	19.650	21.610
	Heating	Nom.		kW	7.330	10.840	12.860	15.540	18.580	21.420
EER					3.36	3.30	3.43	3.33	3.40	3.36
COP					3.40	3.21	3.25	3.47	3.32	3.25
Evaporator	Air flow rate	Cooling		l/s	1,560	2,030	2,670	3,160	3,445	3,917
	External static pressure			Pa	147			206		
Evaporator piping connections	Condensation drain size	OD		mm	25.4					
Condenser	Dimensions	Unit	HxWxD	mm	1,150x1,638x2,063	1,028x2,209x2,113	1,130x2,209x2,113	1,048x2,209x2,670	1,302x2,209x2,670	1,454x2,209x2,670
	Weight	Unit		kg	445	580	610	780	830	970
	Casing	Colour			Light grey					
		Material			Electro-galvanised mild steel					
	Air flow rate	Cooling		cfm	8,230	12,000	12,100	12,900	20,200	21,200
	Operation range	Cooling	Min.~Max.	°CDB	0~52					
		Heating	Min.~Max.	°CDB	-15~20					
	Sound power level	Nom.		dBA	82	83		87	90	
	Refrigerant	Type			R-410A					
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415					

Economiser option

Indoor unit					ECONO250AY1	ECONO350AY1	ECONO450AY1	ECONO550AY1	ECONO600AY1	ECONO700AY1
Dimensions	Packed unit	Height		mm	534					
		Width		mm	1,440	1,430		1,458		
		Depth		mm	1,144	1,124		1,564		
Weight	Unit			kg	51	42	43	53	54	69
Packing	Weight			kg	152	140	141	165	166	181
Fan	Air flow rate	Cooling	Nom.	l/s	1,560	2,030	2,670	3,160	3,445	3,917
				cfm	3,300	4,300	5,650	6,700	7,300	8,300
Option for					UATYQ250CY1	UATYQ350CY1	UATYQ450CY1	UATYQ550CY1	UATYQ600CY1	UATYQ700CY1

UATYP-AY1

Rooftop - heat pump

UATYP-AY1

Remote Control

R-407C

- Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- Factory pre-charged refrigerant ensures clean and efficient operation
- Belt driven fan enables air volume and static pressure to be adjusted as required.
- Flat top unit design allows maximum use of warehouse and container space
- High efficiency and reliable scroll compressor
- Anti-corrosion treated coil

Heating & Cooling

Indoor unit					UATYP700AMY1	UATYP850AMY1	UATYPC10AMY1	UATYPC12AMY1
Cooling capacity	Nom.			kW	67.406	82.939	101.110	109.609
Heating capacity	Nom.			kW	74.733	92.317	102.290	126.314
Power input	Cooling	Nom.		kW	29.200	38.160	43.170	48.200
	Heating	Nom.		kW	26.220	34.780	41.670	46.800
EER					2.31	2.17	2.34	2.27
COP					2.85	2.65	2.45	2.70
Evaporator	Air flow rate	Cooling		m^3/min	226	263	312	354
	External static pressure			Pa	294			
Evaporator piping connections	Condensation drain size	OD		mm	25.4			
Condenser	Dimensions	Unit	HxWxD	mm	1,735x2,250x2,800		1,974x2,252x3,180	
	Weight	Unit		kg	1,200	1,350	1,510	1,600
	Casing	Colour			Light grey			
		Material			Electro-galvanised mild steel			
	Air flow rate	Cooling		cfm	20,000			
	Operation range	Cooling	Min.~Max.	°CDB	20~46			
		Heating	Min.~Max.	°CWB	-15~20			
	Sound power level	Nom.		dBA	-			
	Refrigerant	Type						
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415			


DAIKIN
VRV II

For more information on Options & Accessories, please refer to page 336 of this catalogue.

The next generation VRV® …

VRV® IV

Available 2nd half 2012

VRV® IV
Heat Pump & Heat Recovery*

- Personalize your VRV® to achieve highest possible seasonal efficiency and comfort with advanced evaporating & condensing temperature control
- Perfect heating comfort: continuous heating during defrost
- USB commissioning

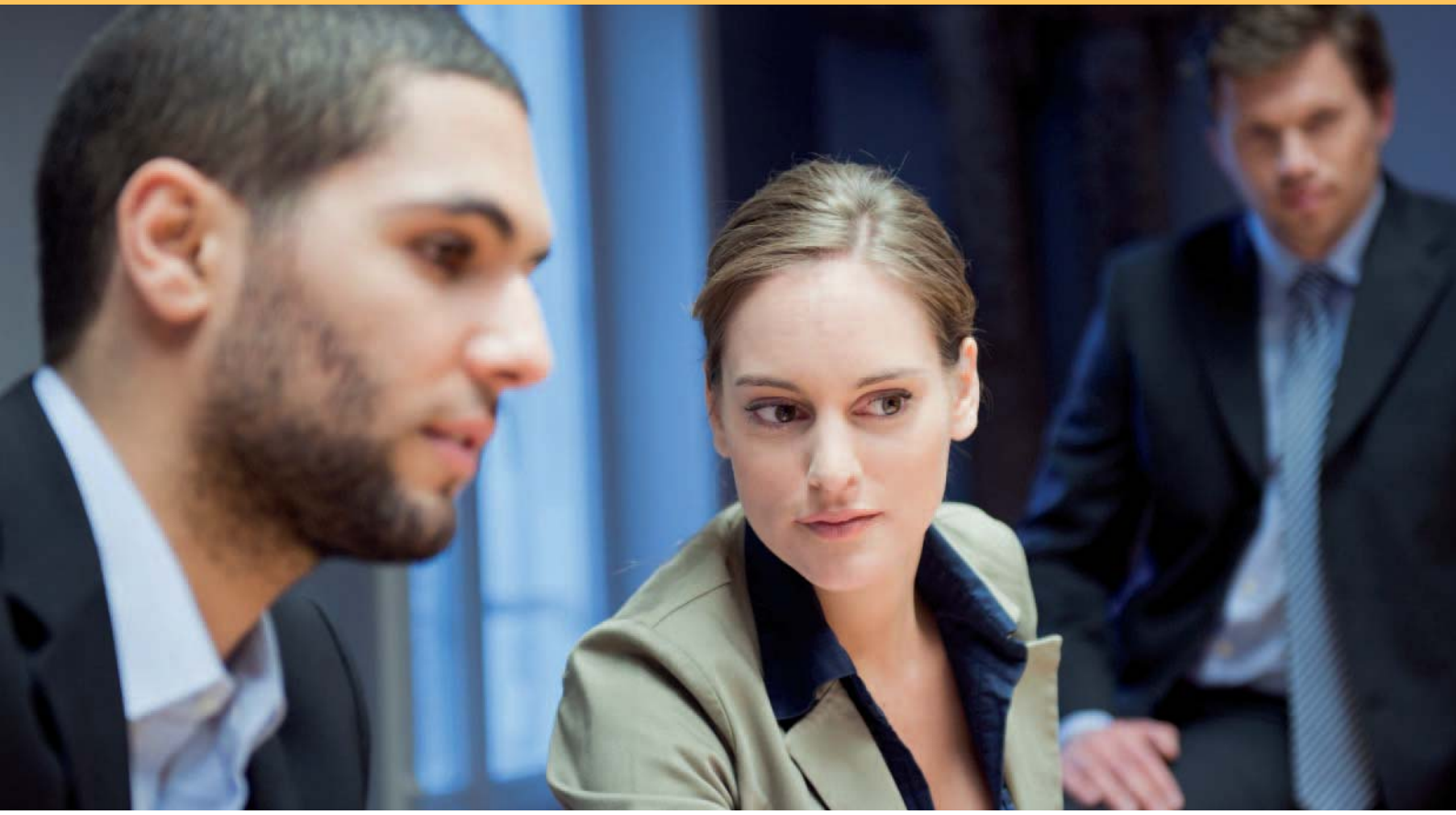
UNIQUE TECHNOLOGY

New round flow cassette*

ROUND FLOW

- The optional presence sensor adjusts set point or switches off the unit when nobody is in the room saving up to 27% of energy
- The optional presence sensor directs air flow away from people to avoid draught
- Save up to 50% of energy thanks to daily filter cleaning with optional auto cleaning panel (Wolverhampton, UK test site)
- The flexibility to adapt the air flow pattern to a changed interior

*preliminary



VRV® Heat Pump - RYCQ-A*

- For smaller projects, with standard cooling & heating requirements
- Connectable to all VRV® indoor units, controls and ventilation
- Total piping length: 300m
- Maximum piping length: 165m
- Range: 8 - 20HP

touch intelligent Manager *

- Contemporary design
- User friendly interface
- Increased flexibility
- USB connection
- Modbus
- Manage up to 2,560 groups of indoor units
- Energy management tools help to prevent energy waste
- Remote refrigerant containment check on VRV®

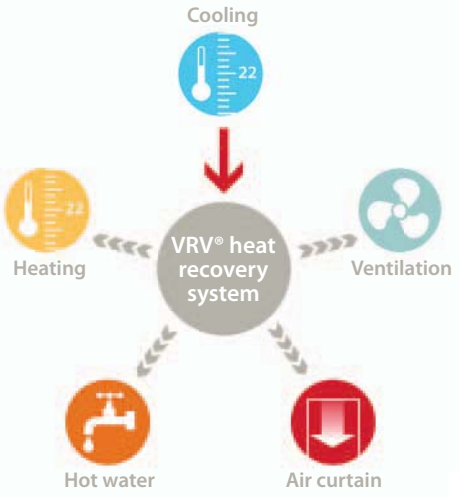
New ERQ*

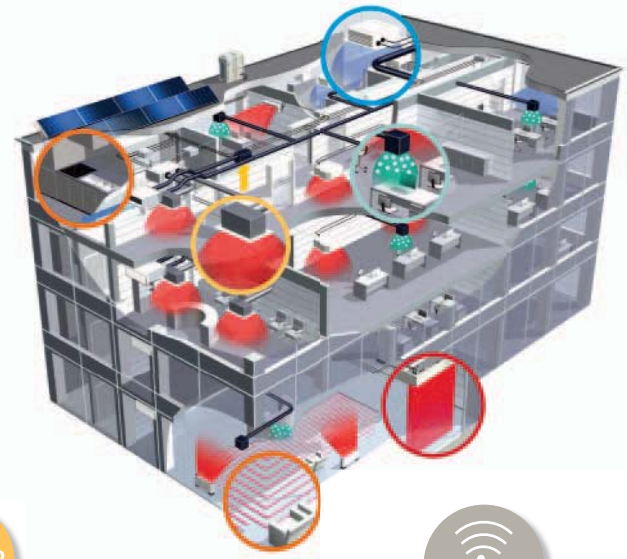
- Perfect comfort thanks to continuous heating during defrost
- Better acceptance of DX technology to condition fresh air
- Easier integration of ERQ in a total HVAC solution via new Intelligent Touch Manager

*preliminary

Total solution concept

The Daikin VRV® Total Solution provides a single point of contact for the design and maintenance of your integrated climate control system. Our modular units enable you to select the right mix of equipment and technology to ensure that you achieve the optimal balance of temperature, humidity and air freshness for the perfect comfort zone with maximum energy efficiency and cost effectiveness.





HEATING AND COOLING

Wide range of indoor units that fit rooms of any size and shape

- Perfect comfort
- Whisper-quiet operation
- Stylish design
- Concealed installation possible

USER FRIENDLY CONTROL SYSTEMS

Full control for maximum efficiency

- From individual control to the management of multiple buildings
- User friendly touch screen control
- Remote control & monitoring via internet

+ SAVE UP TO 15% COMPARED TO TRADITIONAL SYSTEMS

VRV® OUTDOOR UNITS

Integrated heat pump solution

- Solution for every climate from -25°C to +52°C[1]
- Flexible to fit any building
- Top efficiencies to ensure low running costs and CO_2 emissions

[1] Contact your local dealer

AIR SEPARATION THROUGH AIR CURTAINS

A highly efficient solution to doorway climate separation

- Most efficient open-door solution
- Year-round comfort, even on the most demanding days
- Free air curtain heating possible

+ SAVE UP TO 72% COMPARED TO AN ELECTRIC AIR CURTAIN

VENTILATION

Create a high-quality indoor environment

- Heat is reclaimed between out and indoor air
- Free cooling possible
- Optimum control of humidity
- For one room or your entire building

+ SAVE UP TO 40% THANKS TO LOWER COOLING AND HEATING REQUIREMENTS

HOT WATER

Use heat pump technology to produce hot water

- Free hot water production possible
- Possibility to connect to solar panels
- Possible applications: bathrooms, sinks, under floor heating and radiators
- Hot water up to 80°C

+ SAVE UP TO 17% COMPARED TO A GAS BOILER

REYAQ-P

VRV®III heat recovery, with connection to heating only hydrobox

REYAQ-P

- Temperature control, fresh air provision, Biddle air curtains and hot water production all integrated in a single system
- Heat recovery maximises energy efficiency with COPs of up to 8 possible!
- Free heating provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- Perfect comfort: simultaneous heating and cooling
- Compact size leaves maximum floorspace
- Fits any building with either outdoor or indoor installation possible (high external static pressure up to 78.4Pa)
- The ability to control each conditioned zone individually keeps VRV® system running costs to an absolute minimum
- Spread your installation cost by phased installation
- Wide range of indoor units: 14 different models

Heat recovery

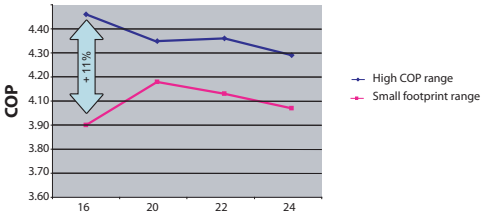
Outdoor unit					REYAQ10P	REYAQ12P	REYAQ14P	REYAQ16P
Capacity range				HP	10	12	14	16
Cooling capacity	Nom.			kW	28	33.5	40	45
Heating capacity	Nom.			kW	31.5	37.5	45	50
Power input - 50Hz	Cooling	Nom.		kW	7.09	8.72	11.4	14.1
	Heating	Nom.		kW	7.38	8.84	11.0	12.8
EER					3.95	3.84	3.51	3.19
COP					4.27	4.24	4.09	3.91
Maximum number of connectable indoor units					21	26	30	34
Indoor index connection	Min.				125	150	175	200
	Nom.				250	300	350	400
	Max.				325	390	455	520
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x1,300x765			
Weight	Unit			kg	331		339	
Sound power level	Cooling	Nom.		dBA	78	80	83	84
Sound pressure level	Cooling	Nom.		dBA	58	60	62	63
Operation range	Cooling	Min.~Max.		°CDB	-5~43			
	Heating	Min.~Max.		°CWB	-20~15.5			
	Hot water production	Min.~Max.		°CDB	-20~20 / 24 (1) (Space heating)			
		Min.~Max.		°CDB	-20~43 (Domestic hot water)			
Refrigerant	Type				R-410A			
Piping connections	Liquid	OD		mm	9.52	12.7		
	Gas	OD		mm	22.2	28.6		
	Discharge gas	OD		mm	19.1		22.2	
	Piping length	OU - IU	Max.	m	100			
	Total piping length	System	Actual	m	300			
	Level difference	OU - IU		m	40 (Outdoor unit in highest position)/ 40 (Indoor unit in highest position)			
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	25		40	

(1) Field setting

REYHQ16P

VRV III INVERTER

- Top energy efficiency in Daikin heat recovery range, thanks to the specially designed 8HP modular unit and 12HP high COP modular unit



- Wide range of indoor units: 14 different models
- Continuous heating (resulting in a higher integrated heating capacity)
- 'High sensible mode': allows the VRV® system to work with increased sensible capacity in cooling mode, resulting in higher efficiency and improved comfort
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Wide piping flexibility: maximum piping length: 165m, total piping length: 1,000m
- The ability to control each conditioned zone individually keeps VRV® system running costs to an absolute minimum
- Only those areas calling for air conditioning need to be cooled or heated; the system can be shut down completely in unoccupied rooms.
- Quick cool/heat change over
- Improved refrigerant containment check
- 2 steps in night quiet mode: step 1: 50 dBA, step 2: 45 dBA
- Possibility to extend the operation range in cooling down to -20°C

Heat recovery

Outdoor system					REYHQ16P	REYHQ20P	REYHQ22P	REYHQ24P
System	Outdoor unit module 1				REMQ8P9		REMQ10P8	REMHQ12P8
	Outdoor unit module 2				REMQ8P9	REMHQ12P8		
Capacity range				HP	16	20	22	24
Cooling capacity	Nom.			kW	45.0	56.0	61.5	67.0
Heating capacity	Nom.			kW	50.0	62.5	69.0	75.0
Power input - 50Hz	Cooling	Nom.		kW	10.5	13.9	16.0	17.2
	Heating	Nom.		kW	11.5	14.3	16.3	17.2
EER					4.29	4.04	3.84	3.89
COP					4.36		4.24	4.37
Maximum number of connectable indoor units					34	43	47	52
Sound power level	Cooling	Nom.		dBA	82	85		87
Sound pressure level	Cooling	Nom.		dBA	62	64		66
Piping connections	Liquid	OD		mm	12.7	15.9		
	Gas	OD		mm	28.6			34.9
	Total piping length	System	Actual	m	1,000			
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) / 40 (Indoor unit in highest position)			
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	50	63		80

Outdoor unit module				REMQ8P9	REMQ10P8	REMHQ12P8
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x930x765		1,680x1,300x765
Weight	Unit		kg	204	254	331
Operation range	Cooling	Min.~Max.	°CDB	-5~43		
	Heating	Min.~Max.	°CWB	-20~15		
Refrigerant	Type			R-410A		
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415		3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	-		40

REYQ8-16P8/P9

VRV III INVERTER

- Increased EER/COP thanks to the redesigned 8 and 12HP stand alone units and 8HP modular unit
- Wide range of outdoor units: from 8 to 48HP in 2HP increment steps (21 system combinations)
- Its ability to run no less than 64 indoor units in heat recovery mode cannot at present be matched by other comparable systems
- Flexible combination of outdoor units: small footprint combination, high COP combination or any other combination of your choice
- Continuous heating (resulting in a higher integrated heating capacity)
- 'High sensible mode': allows the VRV® system to work with increased sensible capacity in cooling mode, resulting in higher efficiency and improved comfort
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Wide piping flexibility: maximum piping length: 165m, total piping length: 1,000m
- The ability to control each conditioned zone individually keeps VRV® system running costs to an absolute minimum
- Only those areas calling for air conditioning need to be cooled or heated; the system can be shut down completely in unoccupied rooms.
- Quick cool/heat change over
- Improved refrigerant containment check
- 2 steps in night quiet mode: step 1: 50 dBA, step 2: 45 dBA
- Possibility to extend the operation range in cooling down to -20°C

REYQ-P8/P9		8	10	12	14	16	18	20	22	24	26	28
Stand alone units	REYQ8P9	1					Not Applicable					
	REYQ10P8		1									
	REYQ12P9			1								
	REYQ14P8				1							
	REYQ16P8					1						
Modular units	REMQ8P9	Not Applicable					1	1				
	REMQ10P8						1		1		1	
	REMQ12P8							1	1	2		1
	REMQ14P8											
	REMQ16P8										1	1

REYQ-P8/P9		30	32	34	36	38	40	42	44	46	48
Stand alone units	REYQ8P9	Not Applicable									
	REYQ10P8										
	REYQ12P9										
	REYQ14P8										
	REYQ16P8										
Modular units	REMQ8P9			1	1						
	REMQ10P8			1		1		1			
	REMQ12P8				1	1	2		1		
	REMQ14P8	1								1	
	REMQ16P8	1	2	1	1	1	1	2	2	2	3

Heat recovery

Outdoor system					REYQ8P9	REYQ10P8	REYQ12P9	REYQ14P8	REYQ16P8
Capacity range				HP	8	10	12	14	16
Cooling capacity	Nom.			kW	22.4	28.0	33.5	40.0	45.0
Heating capacity	Nom.			kW	25.0	31.5	37.5	45.0	50.0
Power input - 50Hz	Cooling	Nom.		kW	5.20	7.09	8.72	11.4	14.1
	Heating	Nom.		kW	5.71	7.38	8.84	11.0	12.8
EER					4.31	3.95	3.84	3.51	3.19
COP					4.38	4.27	4.24	4.09	3.91
Maximum number of connectable indoor units					17	21	26	30	34
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x1,300x765				
Weight	Unit			kg	331			339	
Sound power level	Cooling	Nom.		dBA	78	78	80	83	84
Sound pressure level	Cooling	Nom.		dBA	58		60	62	63
Operation range	Cooling	Min.~Max.		°CDB	-20 (1) / -5~43				
	Heating	Min.~Max.		°CWB	-20~15.5				
Refrigerant	Type				R-410A				
Piping connections	Liquid	OD		mm	9.52		12.7		
	Gas	OD		mm	19.1	22.2	28.6		
	Discharge gas	OD		mm	15.9	19.10		22.2	
	Piping length	OU - IU	Max.	m	165				
	Total piping length	System	Actual	m	1,000				
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) / 40 (Indoor unit in highest position)				
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25		40	

Outdoor system					REYQ18P9	REYQ20P9	REYQ22P8	REYQ24P8	REYQ26P8	REYQ28P8	REYQ30P8	REYQ32P8
System	Outdoor unit module 1				REMQ8P9		REMQ10P8	REMQ12P8	REMQ10P8	REMQ12P8	REMQ14P8	REMQ16P8
	Outdoor unit module 2				REMQ10P8	REMQ12P8			REMQ16P8			
Capacity range				HP	18	20	22	24	26	28	30	32
Cooling capacity	Nom.			kW	50.4	55.9	61.5	67.0	73.0	78.5	85.0	90.0
Heating capacity	Nom.			kW	56.5	62.5	69.0	75.0	81.5	87.5	95.0	100
Power input - 50Hz	Cooling	Nom.		kW	12.7	14.9	17.0	19.2	21.8	23.8	26.6	28.4
	Heating	Nom.		kW	13.4	15.2	17.1	18.9	20.6	22.3	24.2	25.8
EER					3.97	3.75	3.62	3.49	3.35	3.29	3.19	3.16
COP					4.22	4.11	4.04	3.97	3.96	3.92		3.87
Maximum number of connectable indoor units					39	43	47	52	56	60	64	
Sound power level	Cooling	Nom		dBA	81	83						
Piping connections	Liquid	OD		mm	15.9				19.1			
	Gas	OD		mm	28.6			34.9				
	Discharge gas	OD		mm	22.2	28.6						
	Oil equalizing	OD		mm	19.1							
	Piping length	OU - IU	Max.	m	165							
	Total piping length	System	Actual	m	1,000							
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) / 40 (Indoor unit in highest position)							
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)			A	45	50			60		70	

Outdoor system					REYQ34P9	REYQ36P9	REYQ38P8	REYQ40P8	REYQ42P8	REYQ44P8	REYQ46P8	REYQ48P8
System	Outdoor unit module 1				REMQ8P9		REMQ10P8	REMQ12P8	REMQ10P8	REMQ12P8	REMQ14P8	REMQ16P8
	Outdoor unit module 2				REMQ10P8	REMQ12P8			REMQ16P8			
Capacity range				HP	34	36	38	40	42	44	46	48
Cooling capacity	Nom.			kW	95.4	101	107	112	118	124	130	135
Heating capacity	Nom.			kW	107	113	119	125	132	138	145	150
Power input - 50Hz	Cooling	Nom.		kW	26.9	29.1	31.2	33.4	35.8	38.0	40.8	42.6
	Heating	Nom.		kW	26.3	28.1	30.0	31.8	33.5	35.2	37.1	38.7
EER					3.55	3.47	3.43	3.35	3.29	3.26	3.18	3.16
COP					4.07	4.02	3.96	3.93	3.94	3.92	3.90	3.87
Maximum number of connectable indoor units					64							
Sound power level	Cooling	Nom		dBA	84	85						
Piping connections	Liquid	OD		mm	19.1							
	Gas	OD		mm	34.9	41.3						
	Discharge gas	OD		mm	28.6		34.9					
	Oil equalizing	OD		mm	19.1							
	Piping length	OU - IU	Max.	m	165							
	Total piping length	System	Actual	m	1,000							
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) / 40 (Indoor unit in highest position)							
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)			A	80		90		100		110	

Outdoor unit module					REMQ8P9	REMQ10P8	REMQ12P8	REMQ14P8	REMQ16P8
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x675			1,680x1,240x765	
Weight	Unit			kg	204	254		334	
Operation range	Cooling	Min.~Max.		°CDB	-20 (1) / -5~43				
	Heating	Min.~Max.		°CWB	-20 ~ 15.5				
Refrigerant	Type				R-410A				
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415				

(1) Field setting

BSVQ-P8

Individual branch selector for VRV® heat recovery

BSVQ100-250P8

- Allows individual control of 1 group of indoor units
- Maximum design flexibility because individual and multi boxes can be combined in one system
- Low built-in height
- No drain piping needed
- Allows multi tenant applications (option PCB required)

Indoor unit					BSVQ100P8	BSVQ160P8	BSVQ250P8
Power input	Cooling	Nom.		kW	0.005		
	Heating	Nom.		kW	0.005		
Maximum number of connectable indoor units					6	8	
Maximum capacity index of connectable indoor units					20<x≤100	100<x≤160	160<x≤250
Casing	Material				Galvanised steel plate		
Dimensions	Unit	HeightxWidthxDepth		mm	207x388x326		
Weight	Unit			kg	12		15
Piping connections	Outdoor unit	Liquid	Type/OD	mm	Brazing connection/9.5		
		Gas	Type/OD	mm	Brazing connection/15.9	Brazing connection/15.9	Brazing connection/22.2
		Discharge gas	Type/OD	mm	Brazing connection/12.7	Brazing connection/12.7	Brazing connection/19.1
	Indoor unit	Liquid	Type/OD	mm	Brazing connection/9.5	Brazing connection/9.5	
		Gas	Type/OD	mm	Brazing connection/15.9		Brazing connection/22.2
Sound absorbing thermal insulation					Foamed polyurethane, frame resisting needle felt		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		

BSV4/6Q-PV

Multi branch selector for VRV® heat recovery

BSV4Q100PV

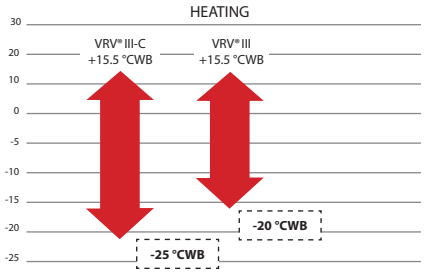
- Faster installation thanks to a reduced number of brazing points and wiring
- Up to 4/6 indoor units can be controlled individually
- Maximum design flexibility because individual and multi boxes can be combined in one system
- Low built-in height
- No drain piping needed

Indoor unit					BSV4Q100PV	BSV6Q100PV
Power input	Cooling	Nom.		kW	0.020	0.030
	Heating	Nom.		kW	0.020	0.030
Maximum number of connectable indoor units					24	36
Maximum number of connectable indoor units per branch					6	
Number of branches					4	6
Maximum capacity index of connectable indoor units					400	600
Maximum capacity index of connectable indoor units per branch					100	
Casing	Material				Galvanised steel plate	
Dimensions	Unit	HeightxWidthxDepth		mm	209x1,053x635	209x1,577x635
Weight	Unit			kg	60	89
Piping connections	Outdoor unit	Liquid	Type/OD	mm	Brazing connection/12.7	Brazing connection/15.9
		Gas	Type/OD	mm	Brazing connection/28.6	
		Discharge gas	Type/OD	mm	Brazing connection/19.1	Brazing connection/28.6
	Indoor unit	Liquid	Type/OD	mm	Brazing connection/9.5	
		Gas	Type/OD	mm	Brazing connection/15.9	
Sound absorbing thermal insulation					Foamed polyurethane, frame resisting needle felt	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240	

RTSYQ14-16P

VRV III-C INVERTER

- First system in the industry developed for heating operation in low ambient conditions, making it suitable for single source heating
- Extended operation range down to -25°C in heating



- High COP values at low ambients thanks using the two stage compression technology (COP values of 3.0 and more at -10°C)
- Improved comfort thanks to shorter defrost time
- Shorter heat up time compared to standard VRV®III heat pump
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Connectable to all VRV® indoor units, ventilation and control systems

Heating & Cooling

Outdoor system					RTSYQ10P	RTSYQ14P	RTSYQ16P	RTSYQ20P
System	Outdoor unit module 1				RTSQ10PY1	RTSQ14PY1	RTSQ16PY1	RTSQ8PY1
	Outdoor unit module 2				-			RTSQ12PY1
	Function unit				BTSQ20PY1			
Capacity range				HP	10	14	16	20
Cooling capacity	Nom.			kW	28.0 (1)	40.0 (1)	45.0 (1)	55.9 (1)
Heating capacity	Nom.			kW	31.50 (2) / 28.0 (3)	45.0 (2) / 40.0 (3)	50.0 (2) / 45.0 (3)	62.5 (2) / 56.0 (3)
Power input - 50Hz	Cooling	Nom.		kW	7.90	12.6	14.9	15.4
	Heating	Nom.		kW	7.70	11.3	12.9	15.3
EER					3.54	3.17	3.02	3.63
COP					4.09	3.98	3.88	4.01
Maximum number of connectable indoor units					21	30	34	43
Sound pressure level	Cooling	Max./Nom.		dBA	62/60	63/61	65/63	
Piping connections	Liquid	OD		mm	9.52	12.7		15.9
	Gas	OD		mm	22.2	28.6		
	Oil equalizing	OD		mm	-			19.1
	Piping length	OU - IU	Max.	m	165			
	Total piping length	System	Actual	m	500			
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)			
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	25	35	40	50

(1) Cooling: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units (2) Heating: Indoor temp. 20°CDB; outdoor temp. 7°CDB,6°CWB; equivalent piping length: 7.5m; level difference: 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units (3) Heating: Indoor temp. 20°CDB; outdoor temp. -10°CWB; equivalent piping length: 7.5m; level difference 0m; function unit length: 6m; combined indoor unit: FXFQ50P x 5 units

Outdoor unit module				RTSQ8P	RTSQ12P	RTSQ14P	RTSQ16P	RTSQ20P	BTSQ10P
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x930x765		1,680x930x765		1,570x460x765	1,680x930x765
Weight	Unit		kg	205	257	338	344	110	257
Operation range	Cooling	Min.~Max.	°CDB	-5 ~ 46					
	Heating	Min.~Max.	°CWB	-25 ~ 15.5					
Refrigerant	Type			R-410A					
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)		A	25		35	40	20	25

RXYHQ-P9

VRV®III heat pump, high COP combination

RXYHQ20-22P9

- Top energy efficiency in Daikin heat pump range, thanks to the specially designed 8HP unit and 12HP high COP unit
- 'High sensible mode': allows the VRV® system to work with increased sensible capacity in cooling mode, resulting in higher efficiency and improved comfort
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Refrigerant containment check
- Flexible combination of outdoor units: small footprint combination, high COP combination or any other combination of your choice
- High external static pressure (up to 78.4Pa) allows indoor installation
- 2 steps in night quiet mode: step 1: 50 dBA, step 2: 45 dBA
- Wide piping flexibility: maximum piping length: 165m, total piping length: 1,000m
- All indoor units can be individually controlled
- Spread your installation cost by phased installation
- Wide outdoor unit range: from 5 to 54HP via 1 single refrigerant circuit
- Wide range of indoor units: 14 different models

+16%

HP		12	16	18	20	22	24	26	28	30	32	34	36
High COP combination	combination	12	8 + 8	8 + 10	8 + 12	10 + 12	8 + 8 + 8	8 + 8 + 10	8+10+10	8+10+12	8+12+12	10+12+12	12+12+12
	COP	4.37	4.50	4.27	4.42	4.24	4.50	4.34	4.44	4.31	4.40	4.29	4.37
	EER	3.89	4.29	4.00	4.05	3.84	4.29	4.09	4.12	3.96	3.99	3.85	3.89
Small footprint combination	combination	12	16	18	8 + 12	10 + 12	12 + 12	8 + 18	10 + 18	12 + 18	14 + 18	16 + 18	18 + 18
	COP	3.97	3.88	3.69	4.18	4.04	3.97	3.94	3.83	3.81	3.83	3.79	3.69
	EER	3.48	3.17	3.02	3.80	3.62	3.49	3.41	3.26	3.20	3.11	3.09	3.02

Heating & Cooling

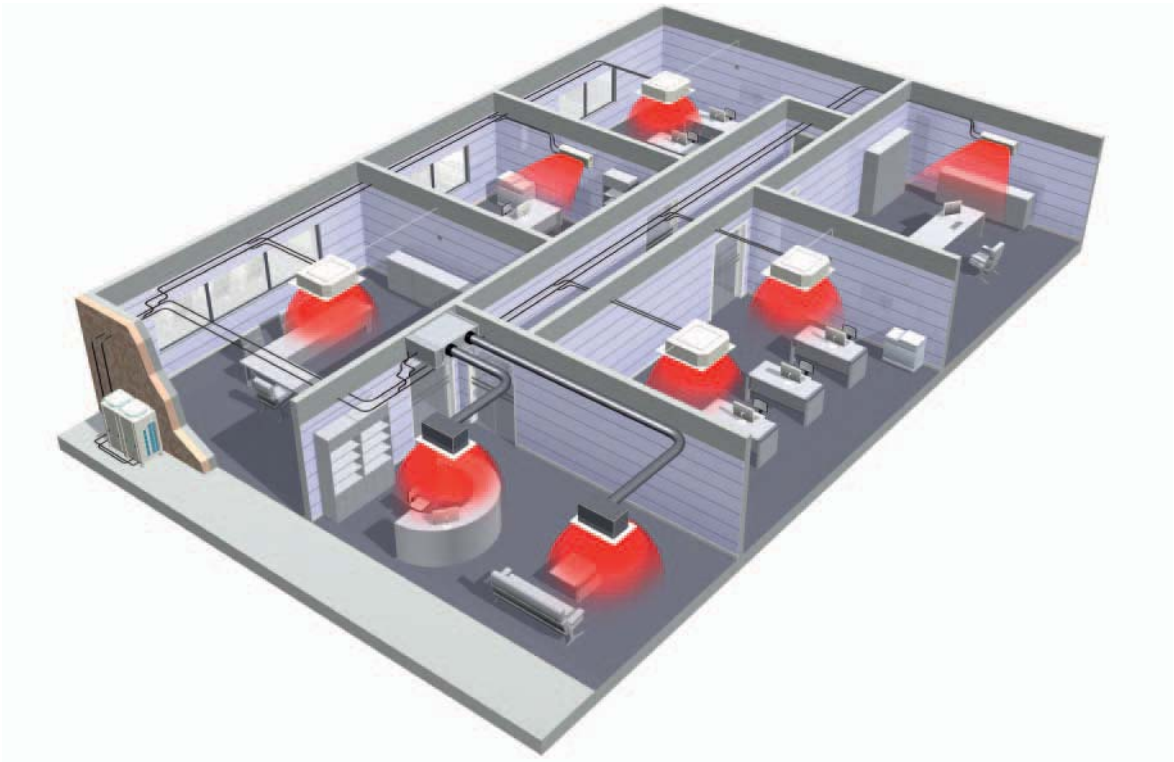
Outdoor system				RXYHQ12P9
System	Outdoor unit module 1			RXYHQ12P9
Capacity range			HP	12
Cooling capacity	Nom.		kW	33.5
Heating capacity	Nom.		kW	37.5
Power input - 50Hz	Cooling	Nom.	kW	8.61
	Heating	Nom.	kW	8.58
EER				3.89
COP				4.37
Maximum number of connectable indoor units				26
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x1,240x765
Weight	Unit		kg	281
Sound power level	Cooling	Nom.	dBA	80
Sound pressure level	Cooling	Nom.	dBA	60
Operation range	Cooling	Min.~Max.	°CDB	-5.0~43.0
	Heating	Min.~Max.	°CWB	-20.0~15.0
Refrigerant	Type			R-410A
Piping connections	Liquid	OD	mm	12.7
	Gas	OD	mm	28.6
	Piping length	OU - IU Max.	m	165
	Total piping length	System Actual	m	1,000
	Level difference	OU - IU	m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/400
Current - 50Hz	Maximum fuse amps (MFA)		A	25

Outdoor system				RXYHQ16P9	RXYHQ18P9	RXYHQ20P9	RXYHQ22P9	RXYHQ24P9	RXYHQ26P9	RXYHQ28P9	RXYHQ30P9	RXYHQ32P9	RXYHQ34P9	RXYHQ36P9
System	Outdoor unit module 1			RXYQ8P9			RXYQ10P9	RXYQ8P9					RXYQ10P9	RXYHQ12P9
	Outdoor unit module 2			RXYQ8P9	RXYQ10P9	RXYHQ12P9		RXYQ8P9		RXYQ10P9		RXYHQ12P9		
	Outdoor unit module 3			-				RXYQ8P9	RXYQ10P9		RXYHQ12P9			
Capacity range			HP	16	18	20	22	24	26	28	30	32	34	36
Cooling capacity	Nom.		kW	45.00	49.00	55.90	61.50	67.00	71.40	77.00	82.50	89.00	94.00	98.00
Heating capacity	Nom.		kW	50.00	56.50	62.50	69.00	75.00	81.50	88.00	94.00	102.00	107.00	113.00
Power input - 50Hz	Cooling	Nom.	kW	10.49	12.25	13.80	16.02	15.62	17.46	18.69	20.83	22.31	24.42	25.19
	Heating	Nom.	kW	11.11	13.23	14.14	16.27	16.67	18.78	19.82	21.81	23.18	24.94	25.86
EER				4.29	4.00	4.05	3.84	4.29	4.09	4.12	3.96	3.99	3.85	3.89
COP				4.50	4.27	4.42	4.24	4.50	4.34	4.44	4.31	4.40	4.29	4.37
Maximum number of connectable indoor units				34	39	43	47	52	56	60	64			
Sound power level	Cooling	Nom.	dBA	82		83						85		
Sound pressure level	Cooling	Nom.	dBA	60	61	62				63		64		65
Piping connections	Liquid	OD	mm	12.7	15.9				19.1					
	Gas	OD	mm	28.6				34.9						41.3
	Piping length	OU - IU Max.	m	165										
	Total piping length	System Actual	m	1,000										
	Level difference	OU - IU	m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)										
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/400										
Current - 50Hz	Maximum fuse amps (MFA)		A	50				63	80					

Outdoor unit module				RXYQ8P9	RXYQ10P9
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x930x765	
Weight	Unit		kg	187	240
Sound power level	Cooling	Nom.	dBA	78	
Sound pressure level	Cooling	Nom.	dBA	57	58
Operation range	Cooling	Min.~Max.	°CDB	-5.0~43.0	
	Heating	Min.~Max.	°CWB	-20~15	
Refrigerant	Type			R-410A	
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/400	
Current - 50Hz	Maximum fuse amps (MFA)		A	25	

RXYQ44-46-48P9

- Compact size leaves maximum floorspace
- 'High sensible mode': allows the VRV® system to work with increased sensible capacity in cooling mode, resulting in higher efficiency and improved comfort
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Refrigerant containment check
- Flexible combination of outdoor units: small footprint combination, high COP combination or any other combination of your choice
- High external static pressure (up to 78.4Pa) allows indoor installation
- 2 steps in night quiet mode: step 1: 50 dBA, step 2: 45 dBA
- Wide piping flexibility: maximum piping length: 165m, total piping length: 1,000m
- All indoor units can be individually controlled
- Spread your installation cost by phased installation
- Wide outdoor unit range: from 5 to 54HP via 1 single refrigerant circuit
- Wide range of indoor units: 14 different models



Heating & Cooling

Outdoor unit					RXYQ5P9	RXYQ8P9	RXYQ10P9	RXYQ12P9	RXYQ14P9	RXYQ16P9	RXYQ18P9
System	Outdoor unit module 1				RXYQ5P9	RXYQ8P9	RXYQ10P9	RXYQ12P9	RXYQ14P9	RXYQ16P9	RXYQ18P9
Capacity range				HP	5	8	10	12	14	16	18
Cooling capacity	Nom.			kW	14.0	22.4	28.0	33.5	40.0	45.0	49.0
Heating capacity	Nom.			kW	16.0	25.0	31.5	37.5	45.0	50.0	56.5
Power input - 50Hz	Cooling	Nom.		kW	3.52	5.22	7.42	9.62	12.4	14.2	16.2
	Heating	Nom.		kW	4.00	5.56	7.70	9.44	11.30	12.90	15.30
EER					3.98	4.29	3.77	3.48	3.23	3.17	3.02
COP					4.00	4.50	4.09	3.97	3.98	3.88	3.69
APF					5.0	5.4	5	4.6		4.4	4.2
Maximum number of connectable indoor units					10	17	21	26	30	34	39
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x635x765	1,680x930x765			1,680x1,240x765		
Weight	Unit			kg	159	187	240		316		324
Sound power level	Cooling	Nom.		dBA	72	78		80			83
Sound pressure level	Cooling	Nom.		dBA	54	57	58	60			63
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0						
	Heating	Min.~Max.		°CWB	-20~15						
Refrigerant	Type				R-410A						
Piping connections	Liquid	OD		mm	9.52			12.7			15.9
	Gas	OD		mm	15.9	19.1	22.2	28.6			
	Piping length	OU - IU	Max.	m	165						
	Total piping length	System	Actual	m	1,000						
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400						
Current - 50Hz	Maximum fuse amps (MFA)			A	16	25			40		

Outdoor unit					RXYQ20P9	RXYQ22P9	RXYQ24P9	RXYQ26P9	RXYQ28P9	RXYQ30P9	RXYQ32P9	RXYQ34P9	RXYQ36P9
System	Outdoor unit module 1				RXYQ8P9	RXYQ10P9	RXYQ12P9	RXYQ8P9	RXYQ10P9	RXYQ12P9	RXYQ14P9	RXYQ16P9	RXYQ18P9
	Outdoor unit module 2				RXYQ12P9			RXYQ18P9					
Capacity range				HP	20	22	24	26	28	30	32	34	36
Cooling capacity	Nom.			kW	55.90	61.50	67.00	71.40	77.00	82.50	89.00	94.00	98.00
Heating capacity	Nom.			kW	62.50	69.00	75.00	81.50	88.00	94.00	102.00	107.00	113.00
Power input - 50Hz	Cooling	Nom.		kW	14.71	16.99	19.20	20.94	23.62	25.78	28.62	30.42	32.45
	Heating	Nom.		kW	14.95	17.08	18.89	20.69	22.98	24.67	26.63	28.23	30.62
EER					3.80	3.62	3.49	3.41	3.26	3.20	3.11	3.09	3.02
COP					4.18	4.04	3.97	3.94	3.83	3.81	3.83	3.79	3.69
APF					4.9	4.8	4.6		4.5	4.4		4.3	4.2
Maximum number of connectable indoor units					43	47	52	56	60	64			
Sound power level	Cooling	Nom.		dBA	83			85					86
Sound pressure level	Cooling	Nom.		dBA	62	63		64	65				66
Piping connections	Liquid	OD		mm	15.9			19.1					
	Gas	OD		mm	28.6		34.9						41.3
	Piping length	OU - IU	Max.	m	165								
	Total piping length	System	Actual	m	1,000								
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)								
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400								
Current - 50Hz	Maximum fuse amps (MFA)			A	50			63			80		

Outdoor unit					RXYQ38P9	RXYQ40P9	RXYQ42P9	RXYQ44P9	RXYQ46P9	RXYQ48P9	RXYQ50P9	RXYQ52P9	RXYQ54P9
System	Outdoor unit module 1				RXYQ8P9	RXYQ10P9	RXYQ12P9	RXYQ8P9	RXYQ10P9	RXYQ12P9	RXYQ14P9	RXYQ16P9	RXYQ18P9
	Outdoor unit module 2				RXYQ12P9			RXYQ18P9					
Capacity range				HP	38	40	42	44	46	48	50	52	54
Cooling capacity	Nom.			kW	105.00	111.00	116.00	120.00	126.00	132.00	138.00	143.00	147.00
Heating capacity	Nom.			kW	119.00	126.00	132.00	138.00	145.00	151.00	158.00	163.00	170.00
Power input - 50Hz	Cooling	Nom.		kW	30.61	33.23	35.37	36.92	39.75	42.04	44.81	46.58	48.68
	Heating	Nom.		kW	30.13	32.39	34.20	35.94	38.26	39.95	41.91	43.47	45.95
EER					3.43	3.34	3.28	3.25	3.17	3.14	3.08	3.07	3.02
COP					3.95	3.89	3.86	3.84	3.79	3.78	3.77	3.75	3.70
APF					4.6	4.5		4.4		4.3			4.2
Maximum number of connectable indoor units					64								
Sound power level	Cooling	Nom.		dBA	86			87					88
Sound pressure level	Cooling	Nom.		dBA	66			67					68
Piping connections	Liquid	OD		mm	19.1								
	Gas	OD		mm	41.3								
	Piping length	OU - IU	Max.	m	165								
	Total piping length	System	Actual	m	1,000								
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)								
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400								
Current - 50Hz	Maximum fuse amps (MFA)			A	100						125		

RXYRQ-P

VRV®III heat pump, with connection to stylish indoor units

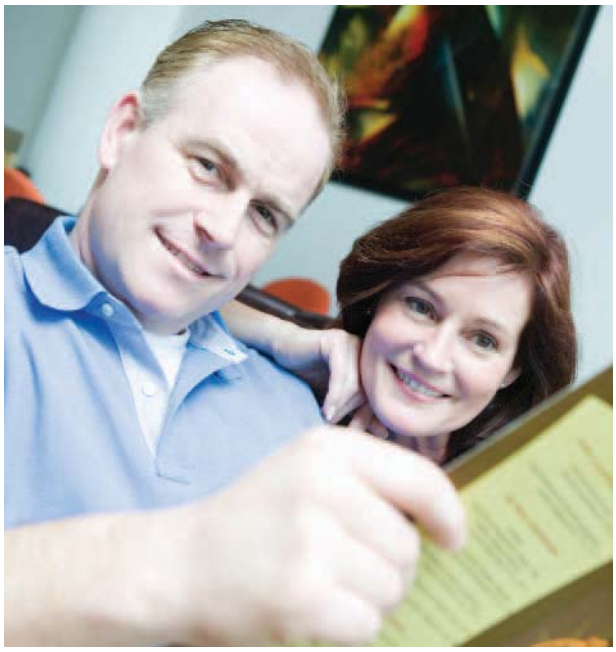
RXYRQ8-12P

Including connection to

Nexura

Daikin Emura

VRV III INVERTER



- Innovative VRV® technology combined with stylish and silent indoor units
- Wide range of indoor units: either connect VRV® or stylish indoor units such as Daikin Emura, Nexura ...
- Up to 39 indoor units can be connected to a 18 HP unit
- High external static pressure (up to 78.4Pa) allows indoor installation
- 2 steps in night quiet mode: step 1: 50 dBA, step 2: 45 dBA
- All indoor units can be individually controlled
- Spread your installation cost by phased installation

Connectable indoor units

	15 class	20 class	25 class	35 class	42 class	50 class	60 class	71 class
Daikin Emura - Wall mounted unit	-	-	FTXG25JW/A	FTXG35JW/A	-	FTXG50JW/A	-	-
Wall mounted unit	CTXS15K	FTXS20K	FTXS25K	CTXS35K	-	-	-	-
	-	FTXS20J	FTXS25J	FTXS35J	FTXS42J	FTXS50J	FTXS60G	FTXS71G
Nexura - Floor standing unit	-	-	FVXG25K	FVXG35K	-	FVXG50K	-	-
Floor standing unit	-	-	FVXS25F	FVXS35F	-	FVXS50F	-	-
Flexi type unit	-	-	FLXS25B	FLXS35B	-	FLXS50B	-	-
Slim concealed ceiling unit	-	-	FDXS25E	FDXS35E	-	FDXS50C	FDXS60C	-
Concealed ceiling unit	-	-	-	FBQ35C	-	FBQ50C	FBQ60C	-
4-way blow ceiling mounted cassette (600x600)	-	-	FFQ25B9V	FFQ35B9V	-	FFQ50B9V	FFQ60B9V	-
Round flow cassette	-	-	-	FCQG35F	-	FCQG50F	FCQG60F	-
Ceiling suspended cassette	-	-	-	FHQ35B	-	FHQ50B	FHQ60B	-

All VRV® indoor units in all available classes

Heating & Cooling

Outdoor unit					RXYRQ8P	RXYRQ10P	RXYRQ12P	RXYRQ14P	RXYRQ16P	RXYRQ18P
Capacity range				HP	8	10	12	14	16	18
Cooling capacity	Nom.			kW	22.4	28.0	33.5	40.0	45.0	49.0
Heating capacity	Nom.			kW	25.0	31.5	37.5	45.0	50.0	56.5
Power input - 50Hz	Cooling	Nom.		kW	5.09	7.11	9.23	11.40	13.50	15.30
	Heating	Nom.		kW	5.56	7.70	9.44	11.30	12.90	15.30
EER					4.40	3.94	3.63	3.61	3.33	3.20
COP					4.50	4.09	3.97	3.98	3.88	3.69
Maximum number of connectable indoor units					17	21	26	30	34	39
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765			1,680x1,240x765		
Weight	Unit			kg	187	240		316		324
Sound power level	Cooling	Nom.		dBA	78		80			83
Sound pressure level	Cooling	Nom.		dBA	57	58	60			63
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0					
	Heating	Min.~Max.		°CWB	-20.0~15.0					
Refrigerant	Type				R-410A					
Piping connections	Liquid	OD		mm	9.52		12.7			15.9
	Gas	OD		mm	19.1	22.2	28.6			
	Total piping length	System	Actual	m	250					
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)					
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400					
Current - 50Hz	Maximum fuse amps (MFA)			A	25			40		

RXYSQ-P8V1
RXYSQ-P8Y1

VRV®III-S heat pump

RXYSQ-P8V1
RXYSQ-P8Y1

VRV® III-S
INVERTER

- For residential and light commercial applications
- Energy efficient heating system based on air source heat pump technology
- Low energy bills and low CO_2 emissions
- Possibility to connect up to 9 indoor units
- All indoor units can be individually controlled and do not need to be installed in the same room or even at the same time.
- Wide range of indoor units: either connect VRV® or stylish indoor units such as Daikin Emura, Nexura ...
- Possibility to combine different types of indoor units: wall mounted, floor standing, concealed ceiling, ceiling suspended, round flow or 4-way blow cassettes
- Small capacities: 4, 5 & 6HP
- Slim design for flexible installation
- 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand

Heating & Cooling

Outdoor unit					RXYSQ4P8V1	RXYSQ5P8V1	RXYSQ6P8V1	RXYSQ4P8Y1	RXYSQ5P8Y1	RXYSQ6P8Y1
Capacity range				HP	4	5	6	4	5	6
Cooling capacity	Nom.			kW	11.2	14.0	15.5	11.2	14.0	15.5
Heating capacity	Nom.			kW	12.5	16.0	18.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.		kW	2.81	3.51	4.53	2.89	3.61	4.65
	Heating	Nom.		kW	2.74	3.86	4.57	2.82	3.97	4.70
EER					3.99	3.99	3.42	3.88		3.33
COP					4.56	4.15	3.94	4.43	4.03	3.83
Maximum number of connectable indoor units					8 (1) / 6 (2)	10 (1) / 8 (2)	13 (1) / 9 (2)	8 (1) / 6 (2)	10 (1) / 8 (2)	13 (1) / 9 (2)
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320			1,345x900x320		
Weight	Unit			kg	120			120		
Sound power level	Cooling	Nom.		dBA	66	67	69	66	67	69
Sound pressure level	Cooling	Nom.		dBA	50	51	53	50	51	53
	Heating	Nom.		dBA	52	53	55	52	53	55
Operation range	Cooling	Min.~Max.		°CDB	-5~46			-5~46		
	Heating	Min.~Max.		°CWB	-20~15.5			-20~15.5		
Refrigerant	Type				R-410A			R-410A		
Piping connections	Liquid	OD		mm	9.52			9.52		
	Gas	OD		mm	15.9 (1) / 19.1 (2)	15.9 (1) / 19.1 (2)	19.1 (1)(2)	15.9 (1) / 19.1 (2)	15.9 (1) / 19.10 (2)	19.1 (1)(2)
	Piping length	OU - IU	Max.	m	150			150		
	Total piping length	System	Actual	m	300 (1) / 115 (2)	300 (1) / 135 (2)	300 (1) / 145 (2)	300 (1) / 115 (2)	300 (1) / 135 (2)	300 (1) / 145 (2)
	Level difference	OU - IU		m	50 (1) / 40 (2) (Outdoor unit in highest position) / 30 (Indoor unit in highest position)			50 (1) / 40 (2) (Outdoor unit in highest position) / 30 (Indoor unit in highest position)		
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240			3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	32.0			16.0		

(1) In case VRV® indoor units are connected | (2) In case RA indoor units are connected

RXHQ44-46-48P

VRV III INVERTER

- Energy efficient heating system based on air source heat pump technology
- Low energy consumption and low CO_2 emmisions
- The ability to control each conditioned zone individually keeps VRV® system running costs to an absolute minimum
- Temperature control, fresh air provision and Biddle air curtains all integrated in a single system
- Perfect comfort: faster response than traditional heating systems and a constant indoor temperature
- Wide range of indoor units: 14 different models
- Easy management of the yearly energy cost thanks to a wide range of control possibilities
- Spread your installation cost by phased installation
- No need for fuel storage tanks or pumps
- Wide outdoor unit range: from 25 to 170 kW
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Easy compliance with F-gas regulation thanks to automated refrigerant containment check
- Compact size leaves maximum floorspace
- Fits any building with either outdoor or indoor installation possible (high external static pressure up to 78.4Pa)
- 2 steps in night quiet mode: step 1: 50 dBA, step 2: 45 dBA
- Wide piping flexibility: maximum piping length: 165m, total piping length: 1,000m

Heating only

Outdoor unit					RXHQ8P9	RXHQ10P9	RXHQ12P9	RXHQ14P9	RXHQ16P9	RXHQ18P9
System	Outdoor unit module 1				RXHQ8P	RXHQ10P	RXHQ12P	RXHQ14P	RXHQ16P	RXHQ18P
Capacity range				HP	8	10	12	14	16	18
Heating capacity	Nom.			kW	25.0	31.5	37.5	45.0	50.0	56.5
Power input - 50Hz	Heating	Nom.		kW	5.56	7.70	9.44	11.30	12.90	15.30
COP					4.50	4.09	3.97	3.98	3.88	3.69
Maximum number of connectable indoor units					17	21	26	30	34	39
Indoor index connection	Min.				100	125	150	175	200	225
	Nom.				200	250	300	350	400	450
	Max.				260	325	390	455	520	585
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765			1,680x1,240x765		
Weight	Unit			kg	187	240		316		324
Sound pressure level	Heating	Nom.		dBA	61		64			67
Operation range	Heating	Min.~Max.		°CWB	-20.0~15.0					
Refrigerant	Type				R-410A					
Piping connections	Liquid	OD		mm	9.52		12.7			15.9
	Gas	OD		mm	19.1	22.2	28.6			
	Piping length	OU - IU	Max.	m	165					
	Total piping length	System	Actual	m	1,000					
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)					
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400					
Current - 50Hz	Maximum fuse amps (MFA)			A	25			40		

Outdoor unit					RXHQ20P9	RXHQ22P9	RXHQ24P9	RXHQ26P9	RXHQ28P9	RXHQ30P9	RXHQ32P9	RXHQ34P9	RXHQ36P9
System	Outdoor unit module 1				RXHQ8P	RXHQ10P	RXHQ12P	RXHQ8P	RXHQ10P	RXHQ12P	RXHQ14P	RXHQ16P	RXHQ18P
	Outdoor unit module 2				RXHQ12P			RXHQ18P					
Capacity range				HP	20	22	24	26	28	30	32	34	36
Heating capacity	Nom.			kW	62.50	69.00	75.00	81.50	88.00	94.00	102.00	107.00	113.00
Power input - 50Hz	Heating	Nom.		kW	14.95	17.08	18.89	20.69	22.98	24.67	26.63	28.23	30.62
COP					4.18	4.04	3.97	3.94	3.83	3.81	3.83	3.79	3.69
Maximum number of connectable indoor units					43	47	52	56	60	64			
Indoor index connection	Min.				250	275	300	325	350	375	400	425	450
	Nom.				500	550	600	650	700	750	800	850	900
	Max.				650	715	780	845	910	975	1,040	1,105	1,170
Sound pressure level	Heating	Nom.		dBA	66		67	68		69			70
Piping connections	Liquid	OD		mm	15.9			19.1					
	Gas	OD		mm	28.6		34.9						41.3
	Piping length	OU - IU	Max.	m	165								
	Total piping length	System	Actual	m	1,000								
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)								
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400								
Current - 50Hz	Maximum fuse amps (MFA)			A	50			63			80		

Outdoor unit					RXHQ38P9	RXHQ40P9	RXHQ42P9	RXHQ44P9	RXHQ46P9	RXHQ48P9	RXHQ50P9	RXHQ52P9	RXHQ54P9
System	Outdoor unit module 1				RXHQ8P	RXHQ10P	RXHQ12P	RXHQ8P	RXHQ10P	RXHQ12P	RXHQ14P	RXHQ16P	RXHQ18P
	Outdoor unit module 2				RXHQ12P			RXHQ18P					
Capacity range				HP	38	40	42	44	46	48	50	52	54
Heating capacity	Nom.			kW	119.00	126.00	132.00	138.00	145.00	151.00	158.00	163.00	170.00
Power input - 50Hz	Heating	Nom.		kW	30.13	32.39	34.20	35.94	38.26	39.95	41.91	43.47	45.95
COP					3.95	3.89	3.86	3.84	3.79	3.78	3.77	3.75	3.70
Maximum number of connectable indoor units					64								
Indoor index connection	Min.				475	500	525	550	575	600	625	650	675
	Nom.				950	1,000	1,050	1,100	1,150	1,200	1,250	1,300	1,350
	Max.				1,235	1,300	1,365	1,430	1,495	1,560	1,625	1,690	1,755
Sound pressure level	Heating	Nom.		dBA	69		70	71					72
Piping connections	Liquid	OD		mm	19.1								
	Gas	OD		mm	41.3								
	Piping length	OU - IU	Max.	m	165								
	Total piping length	System	Actual	m	1,000								
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)								
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400								
Current - 50Hz	Maximum fuse amps (MFA)			A	100						125		

THE DAIKIN SOLUTION TO R-22 PHASE-OUT

Replace your R-22 / R-407C outdoor unit with R-410A technology, but keep your refrigerant piping and in some cases your indoor units[1].

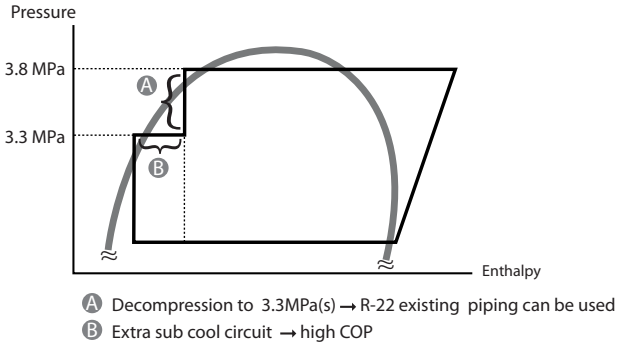
1. Replace outdoor unit
2. Replace BS-boxes (in case of H/R)
3. Replace indoor units (check with your local dealer if needed)
4. The system will automatically clean the piping & charge the correct amount of R-410A refrigerant

* When R-22 indoors are K-series or later, it is possible to keep the indoor units.

TECHNOLOGIES OF VRV®III-Q?

REDUCED PRESSURE

As R-22 VRV® systems used to work on a lower pressure than R-410A systems / thus the copper refrigerant piping was also designed for these lower pressures. Therefore the Replacement VRV® (VRV®III-Q) must operate at lower pressures than the standard VRV®III series. However thanks to the sub cool circuit a high efficiency level can be kept even with the lower pressures.

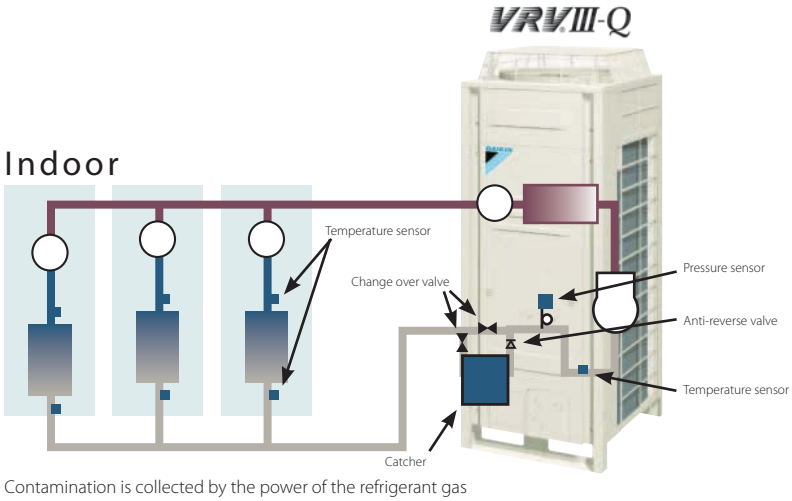


Ⓐ Decompression to 3.3MPa(s) → R-22 existing piping can be used
Ⓑ Extra sub cool circuit → high COP

REFRIGERANT PIPE CLEANING

When replacing an air conditioning system, the piping is normally replaced as well since traces of old refrigerant and oil mixed with the oil and refrigerant of the new system can cause the equipment to malfunction.

In order to allow re-use of existing R-22 piping with an R-410A system Daikin developed a technology to capture and retain the contamination left in the refrigerant piping. The refrigerant including the remaining oil from the R-22 system is filtered in the outdoor unit and the contamination is deposited in the outdoor unit. Daikin is the first manufacturer in the industry to develop this combination of automatic charging and refrigerant pipe cleaning function.

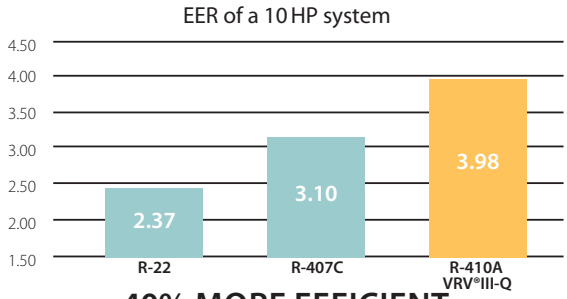


Contamination is collected by the power of the refrigerant gas

FEATURES OF VRV®III-Q

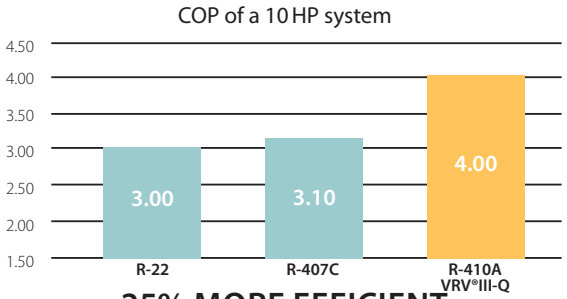
INCREASED EFFICIENCY

Upgrading an old R-22 system to a Replacement VRV®system will result in increased system efficiency. Efficiency gains of more than 25% can be realized, by virtue of technological developments in heat pump technology and the more efficient R-410A refrigerant. Increased energy efficiency equals lower energy consumption, subsequent lower energy costs and lower CO_2 emissions.



40% MORE EFFICIENT

R-22: RSXY10KA7 | R-407C: RSXYP10L7 | R-410A: RQYQ10P



25% MORE EFFICIENT

R-22: RSXY10KA7 | R-407C: RSXYP10L7 | R-410A: RQYQ10P

ENVIRONMENTAL AWARENESS

R-410A not only has a zero ozone depletion potential, it is also proven to be more energy efficient than R-22.

FAST INSTALLATION

It is not necessary to remove the existing piping and even the indoor units can remain (depending on type of indoor unit). The outdoor unit automatically charges the refrigerant and cleans the refrigerant piping. This unique Daikin feature makes the installation time even shorter.

LIMITED AND PLANNED-DOWNTIME

As the refrigerant piping can be maintained the installation is less intrusive and less time consuming than for a completely new system. Moreover, downtime can be carefully planned: whereas if a problem occurs when not enough reclaimed R-22 is available, a long and unplanned downtime can be the result.

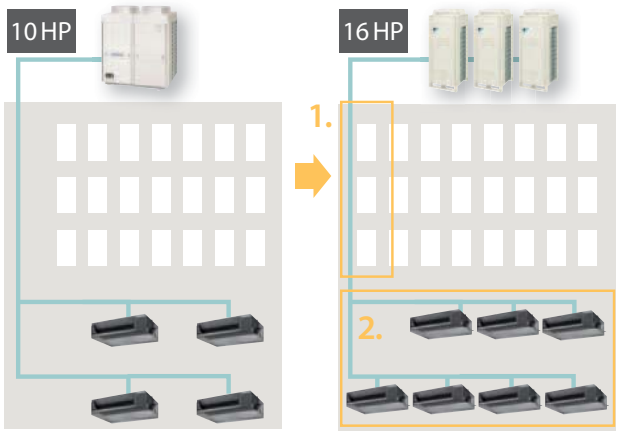
LIMITED AND PHASED INVESTMENT COST

It is possible to spread the various stages of replacement over a certain period of time because the indoor units can remain in most cases. The air conditioning replacement therefore, can be incorporated in the general refurbishment schedule of the building and the investment cost can be spread. A further reduction in installation cost can be achieved by maintaining the old refrigerant copper pipe work.

INCREASE CAPACITY

Cooling loads often increase subsequent to the initial installation of the air conditioning system. The Replacement VRV®(VRV®III-Q) enables system capacity to be increased without changing the refrigerant piping (depending on system characteristics).

Example: replace a 10HP VRV® with a 16HP Replacement VRV® unit



1. Keep main piping
2. Add indoor units

NO RESTRICTIONS ON SYSTEM HISTORY

As a result of the combined automatic charging and refrigerant pipe cleaning function, it is possible to ensure a clean piping network, even when a compressor breakdown has previously occurred.

RQCEQ712-848P

VRV III-Q INVERTER

- Cost effective and fast upgrade for R-22 systems as only the outdoor unit needs to be replaced, meaning no work has to be carried out inside your building
- Automatic cleaning of refrigerant piping ensures a clean piping network, even when a compressor breakdown has occurred
- No limitations on system history thanks to the combined refrigerant pipe cleaning and automatic charging function
- Efficiency gains of more than 40% can be realized, thanks to technological developments in heat pump technology and the more efficient R-410A refrigerant
- Possibility to add indoor units and increase capacity without changing the refrigerant piping
- Less intrusive and time consuming installation compared to installing a new system, as the refrigerant piping can be maintained in most cases
- Possibility to spread the various stages of repclacement thanks to the modular design of the VRV® system

Heat recovery

Outdoor system					RQCEQ280PY1	RQCEQ360PY1	RQCEQ460PY1	RQCEQ500PY1	RQCEQ540PY1	RQCEQ636PY1	RQCEQ712PY1	RQCEQ744PY1	RQCEQ816PY1	RQCEQ848PY1
System	Outdoor unit module 1				RQEQ140P	RQEQ180P	RQEQ140P		RQEQ180P	RQEQ212P	RQEQ140P		RQEQ180P	RQEQ212P
	Outdoor unit module 2				RQEQ140P	RQEQ180P	RQEQ140P	RQEQ180P		RQEQ212P	RQEQ180P		RQEQ212P	
	Outdoor unit module 3				-		RQEQ180P			RQEQ212P	RQEQ180P	RQEQ212P		
	Outdoor unit module 4				-						RQEQ212P			
Capacity range				HP	10	13	16	18	20	22	24	26	28	30
Cooling capacity	Nom.			kW	28.0	36.0	45.0	50.0	54.0	63.6	71.2	74.4	81.6	84.8
Heating capacity	Nom.			kW	32.0	40.0	52.0	56.0	60.0	67.2	78.4	80.8	87.2	89.6
Power input - 50Hz	Cooling	Nom.		kW	7.04	10.3	12.2	13.9	15.5	21.9	21.2	23.3	27.1	29.2
	Heating	Nom.		kW	8.00	10.7	13.4	14.7	16.1	17.7	20.7	21.2	23.1	23.6
EER					3.98	3.48	3.77	3.61	3.48	2.90	3.36	3.19	3.01	2.90
COP					4.00	3.72	3.89	3.80	3.72	3.79	3.80	3.81	3.77	3.79
Maximum number of connectable indoor units					21	28	34	39	43	47	52	56	60	64
Sound pressure level	Cooling	Nom.		dBA	57	61		62	63	64	63	64	65	66
Piping connections	Liquid	OD		mm	9.52	12.7		15.9			19.1			
	Gas	OD		mm	22.2	25.4	28.6				34.9			
	Discharge gas	OD		mm	19.1		22.2			25.4			28.6	
	Piping length	OU - IU	Max.	m	120									
	Total piping length	System	Actual	m	300									
	Level difference	OU - IU		m	50 (Outdoor unit in highest position)									
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400									
Current - 50Hz	Maximum fuse amps (MFA)			A	30	40	50	60		70	80		90	

Outdoor unit module				RQEQ140P	RQEQ180P	RQEQ212P
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x635x765		
Weight	Unit		kg	175		179
Sound pressure level	Cooling	Nom.	dBA	54	58	60
Operation range	Cooling	Min.~Max.	°CDB	-5~43		
	Heating	Min.~Max.	°CWB	-20~15		
Refrigerant	Type			R-410A		
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415		

Heating & Cooling

Outdoor unit					RQYQ140P	RQYQ8P	RQYQ10P	RQYQ12P	RQYQ14P	RQYQ16P
System	Outdoor unit module 1				RQYQ140P	RQYQ8P	RQYQ10P	RQYQ12P	RQYQ14P	RQYQ16P
Capacity range				HP	5	8	10	12	14	16
Cooling capacity	Nom.			kW	14.0	22.4	28.0	33.5	40.0	45.0
Heating capacity	Nom.			kW	16.0	25.0	31.5	37.5	45.0	50.0
Power input - 50Hz	Cooling	Nom.		kW	3.36	5.24	7.64	10.10	11.6	13.6
	Heating	Nom.		kW	3.91	6.42	8.59	10.20	12.2	13.6
EER					4.17	4.27	3.66	3.32	3.45	3.31
COP					4.09	3.89	3.67	3.68	3.69	3.68
Maximum number of connectable indoor units					10	17	21	26	30	34
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x635x765	1,680x930x765			1,680x1,240x765	
Weight	Unit			kg	175	230	284		381	
Sound power level	Cooling	Nom.		dBA	-					
Sound pressure level	Cooling	Nom.		dBA	54.0	57.0	58.0	60.0		
Operation range	Cooling	Min.~Max.		°CDB	-5~43					
	Heating	Min.~Max.		°CWB	-20~15.5					
Refrigerant	Type				R-410A					
Piping connections	Liquid	OD		mm	9.52			12.7		
	Gas	OD		mm	15.9	19.1	22.2	28.6		
	Piping length	OU - IU	Max.	m	150					
	Total piping length	System	Actual	m	300					
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) / 40 (Indoor unit in highest position)					
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)			A	15	25			35	

Outdoor unit					RQYQ18PY1	RQYQ20PY1	RQYQ22PY1	RQYQ24PY1	RQYQ26PY1	RQYQ28PY1	RQYQ30PY1	RQYQ32PY1
System	Outdoor unit module 1				RQYQ8P		RQYQ10P	RQYQ12P	RQYQ10P	RQYQ12P	RQYQ14P	RQYQ16P
	Outdoor unit module 2				RQYQ10P	RQYQ12P			RQYQ16P			
Capacity range				HP	18	20	22	24	26	28	30	32
Cooling capacity	Nom.			kW	50.4	55.9	61.5	67.0	73.0	78.5	85.0	90.0
Heating capacity	Nom.			kW	56.5	62.5	69.0	75.0	81.5	87.5	95.0	100
Power input - 50Hz	Cooling	Nom.		kW	12.9	15.4	17.8	20.2	21.3	23.7	25.2	27.2
	Heating	Nom.		kW	15.1	16.7	18.8	20.4	22.2	23.8	25.8	27.2
EER					3.91	3.63	3.46	3.32	3.43	3.31	3.37	3.31
COP					3.74		3.67	3.68	3.67	3.68		
Maximum number of connectable indoor units					39	43	47	52	56	60	64	
Sound pressure level	Cooling	Nom.		dBA	61	62	63					
Piping connections	Liquid	OD		mm	15.9				19.1			
	Gas	OD		mm	28.6			34.9				
	Piping length	OU - IU	Max.	m	150							
	Total piping length	System	Actual	m	300							
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) / 40 (Indoor unit in highest position)							
Current - 50Hz	Maximum fuse amps (MFA)			A	45	50			60		70	

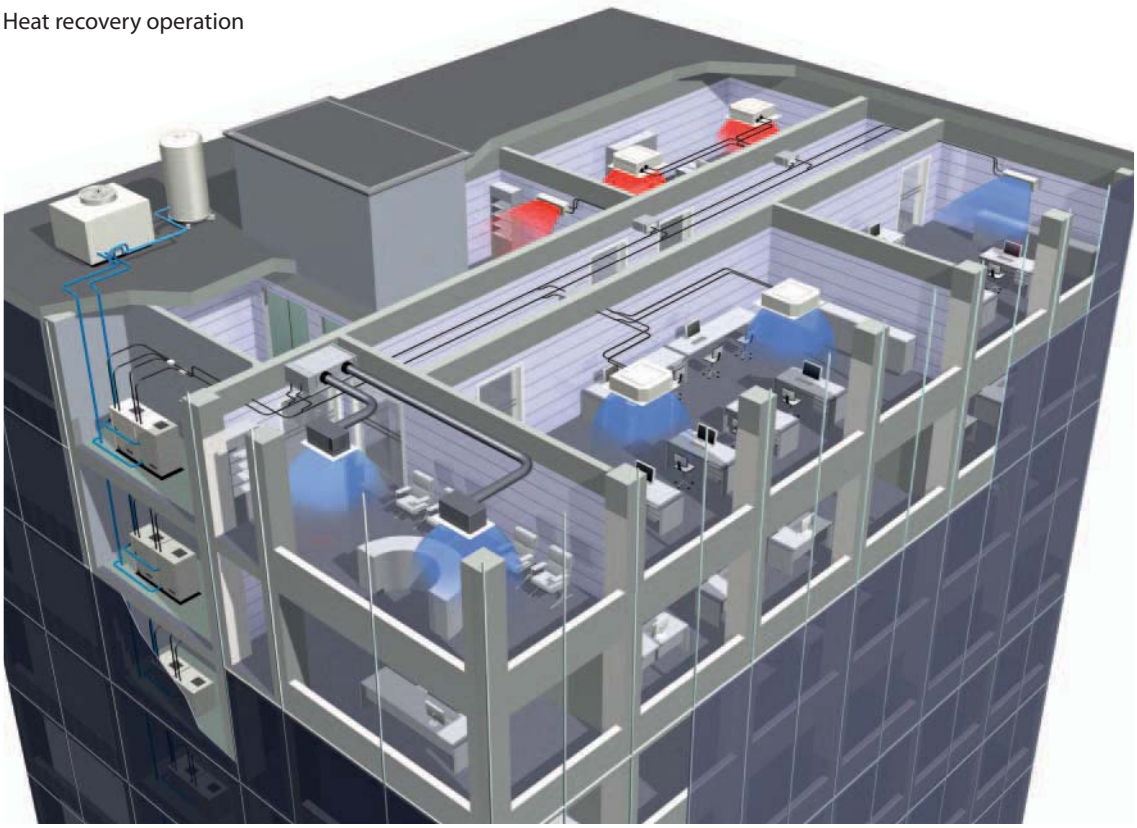
Outdoor unit					RQYQ34PY1	RQYQ36PY1	RQYQ38PY1	RQYQ40PY1	RQYQ42PY1	RQYQ44PY1	RQYQ46PY1	RQYQ48PY1
System	Outdoor unit module 1				RQYQ10P			RQYQ12P	RQYQ10P	RQYQ12P	RQYQ14P	RQYQ16P
	Outdoor unit module 2				RQYQ10P		RQYQ12P		RQYQ16P			
Capacity range				HP	34	36	38	40	42	44	46	48
Cooling capacity	Nom.			kW	96.0	101	107	112	118	124	130	135
Heating capacity	Nom.			kW	108	113	119	125	132	138	145	150
Power input - 50Hz	Cooling	Nom.		kW	26.9	28.9	31.4	33.8	34.9	35.3	38.8	40.8
	Heating	Nom.		kW	29.4	30.8	32.4	34.0	35.8	36.0	39.4	40.8
EER					3.57	3.49	3.41	3.31	3.38	3.51	3.35	3.31
COP					3.67			3.68	3.69	3.83	3.68	
Maximum number of connectable indoor units					64							
Sound pressure level	Cooling	Nom.		dBA	64		65					
Piping connections	Liquid	OD		mm	19.1							
	Gas	OD		mm	34.9	41.3						
	Piping length	OU - IU	Max.	m	150							
	Total piping length	System	Actual	m	300							
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) / 40 (Indoor unit in highest position)							
Current - 50Hz	Maximum fuse amps (MFA)			A	90				100		110	

RWEYQ10P

VRV-WIII INVERTER

- Extensive range of outdoor units: from 8 to 30HP (9 configurations in total)
- Simultaneous cooling and heating operation from one system
- 'High sensible mode': allows the VRV® system to work with increased sensible capacity in cooling mode, resulting in higher efficiency and improved comfort
- Up to 36 indoor units can be connected to 1 refrigerant circuit
- Heat recovery systems offer the highest comfort, including individual change-over of each BS box without disruption of other BS boxes
- Wide range of indoor units: 14 different models
- Compact design (stacked configuration possible)
- Flexible piping design: piping length after first branch: up to 90m, maximum piping length 120m, total piping length: 300m
- Operation range (inlet water temperature): 10°C to 45°C
- Connectable to current Daikin control systems: DS-net, Intelligent Touch Controller, Intelligent Manager, BACnet Gateway, DMS-iF

Heat recovery operation



Heat recovery
Heating & Cooling

Outdoor unit					RWEYQ8P	RWEYQ10P
System	Outdoor unit module 1				RWEYQ8PY1	RWEYQ10PY1
Capacity range				HP	8	10
Cooling capacity	Nom.			kW	22.4	26.7
Heating capacity	Nom.			kW	25.0	31.5
Power input - 50Hz	Cooling	Nom.		kW	4.55	6.03
	Heating	Nom.		kW	4.24	6.05
EER					4.89	4.14
COP					5.81	5.08
Maximum number of connectable indoor units					17	21
Dimensions	Unit	HeightxWidthxDepth		mm	1,000x780x550	
Weight	Unit			kg	149	150
Sound power level	Cooling	Nom.		dBA	-	
Sound pressure level	Cooling	Nom.		dBA	50	51
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	10~45	
		Heating	Min.~Max.	°CWB	10~45	
Refrigerant	Type				R-410A	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	19.1 (1)	22.2 (1)
	Discharge gas	OD		mm	15.9 (2) / 19.1 (3)	19.1 (2) / 22.2 (3)
	Water	Inlet/Outlet			PT1 1/4B internal thread/PT1 1/4B internal thread	
	Piping length	OU - IU	Max.	m	120	
	Total piping length	System	Actual	m	300	
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)	
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	25	

(1) In case of heat pump system, gas pipe is not used | (2) In case of heat recovery system | (3) In case of heat pump system

Outdoor unit					RWEYQ16PY1	RWEYQ18PY1	RWEYQ20PY1	RWEYQ24PY1	RWEYQ26PY1	RWEYQ28PY1	RWEYQ30PY1
System	Outdoor unit module 1				RWEYQ8PY1	RWEYQ10PY1		RWEYQ8PY1	RWEYQ10PY1		
	Outdoor unit module 2				RWEYQ8PY1		RWEYQ10PY1	RWEYQ8PY1		RWEYQ10PY1	
	Outdoor unit module 3				-			RWEYQ8PY1			RWEYQ10PY1
Capacity range				HP	16	18	20	24	26	28	30
Cooling capacity	Nom.			kW	44.8	49.1	53.4	67.2	71.5	75.8	80.1
Heating capacity	Nom.			kW	50.0	56.5	63.0	75.0	81.5	88.0	94.5
Power input - 50Hz	Cooling	Nom.		kW	9.10	10.6	12.1	13.7	15.1	16.6	18.1
	Heating	Nom.		kW	8.48	10.3	12.1	12.7	14.5	16.3	18.2
EER					4.92	4.63	4.41	4.91	4.74	4.57	4.43
COP					5.87	5.48	5.21	5.91	5.62	5.40	5.19
Maximum number of connectable indoor units					34	36					
Sound pressure level	Cooling	Nom.		dBA	53	54		55			56
Piping connections	Liquid	OD		mm	12.7	15.9			19.1		
	Gas	OD		mm	28.6 (1)			34.9 (1)			
	Discharge gas	OD		mm	22.2 (2) / 28.6 (3)	22.2 (2) / 28.6 (3)	22.2 (2) / 28.6 (3)	28.6 (2) / 34.9 (3)	28.6 (2) / 34.9 (3)	28.6 (2) / 34.9 (3)	28.6 (2) / 34.9 (3)
	Piping length	OU - IU	Max.	m	120						
	Total piping length	System	Actual	m	300						
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)						
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	35			45			

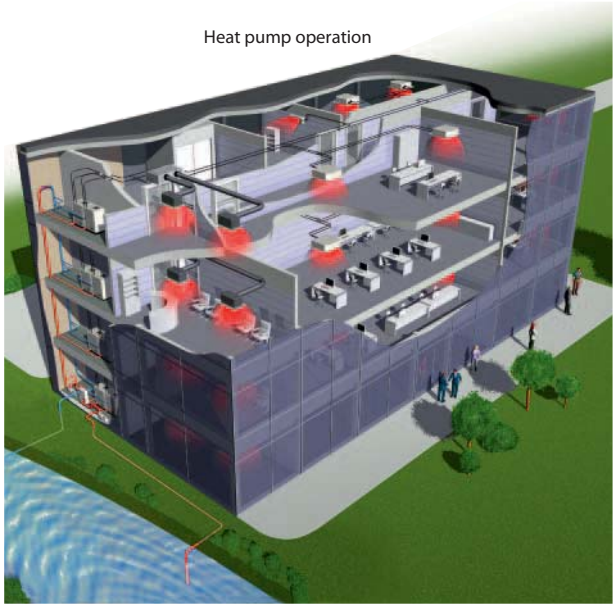
(1) In case of heat pump system, gas pipe is not used | (2) In case of heat recovery system | (3) In case of heat pump system

RWEYQ10PR

VRV-WIII INVERTER

- Reduced CO_2 emmisions thanks to the use of geothermal energy as a renewable energy source
- No need for an external heating or cooling source
- Extended operation range (inlet water temperature) down to -10°C in heating
- High heating efficiency at low water entering temperatures (eg. 3.44 COP at -10°C entering water temperature for an 8HP unit)
- Suitable for multi-storey and large buildings because of the hardly unlimited possibilities of water piping
- Simultaneous cooling and heating operation from one system
- 'High sensible mode': allows the VRV® system to work with increased sensible capacity in cooling mode, resulting in higher efficiency and improved comfort
- 2-stage heat recovery: first stage between indoor units, second stage between outdoor units thanks to the storage of energy in the water circuit
- Heat recovery systems offer the highest comfort, including individual change-over of each BS box without disruption of other BS boxes
- Wide range of indoor units: 14 different models
- Compact design (stacked configuration possible)
- Connectable to current Daikin control systems: DS-net, Intelligent Touch Controller, Intelligent Manager, BACnet Gateway, DMS-iF

Heat pump operation

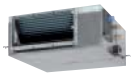


Heat recovery
Heating & Cooling

Outdoor unit					RWEYQ8PR	RWEYQ10PR
System	Outdoor unit module 1				RWEYQ8PY1R	RWEYQ10PY1R
Capacity range				HP	8	10
Cooling capacity	Nom.			kW	22.4	26.1
Heating capacity	Nom.			kW	25.0	31.5
Power input - 50Hz	Cooling	Nom.		kW	4.58	6.30
	Heating	Nom.		kW	4.30	6.20
EER					4.89	4.14
COP					5.81	5.08
Maximum number of connectable indoor units					17	21
Dimensions	Unit	HeightxWidthxDepth		mm	1,000x780x550	
Weight	Unit			kg	149	150
Sound power level	Cooling	Nom.		dBA	-	
Sound pressure level	Cooling	Nom.		dBA	50	51
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	10~45	
		Heating	Min.~Max.	°CWB	10~45	
Refrigerant	Type				R-410A	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	19.1 (1)	22.2 (1)
	Discharge gas	OD		mm	15.9 (2) / 19.1 (3)	19.1 (2) / 22.2 (3)
	Water	Inlet/Outlet			PT1 1/4B internal thread/PT1 1/4B internal thread	
	Piping length	OU - IU	Max.	m	120	
	Total piping length	System	Actual	m	300	
	Level difference	OU - IU		m	50 (Outdoor unit in highest position) /40 (Indoor unit in highest position)	
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	25	

(1) In case of heat pump system, gas pipe is not used | (2) In case of heat recovery system | (3) In case of heat pump system

Benefits overview VRV® indoor

			We care icons				Comfort			Air flow	
			INVERTER								
Ceiling mounted cassette	FXFQ-P9		✓	✓	✓	✓	✓	✓	✓	✓	✓
	FXZQ-M9		✓	✓	✓		✓	✓	✓	✓	✓
	FXCQ-M8		✓	✓	✓			✓	✓	✓	✓
	FXKQ-MA		✓	✓	✓		✓	✓		✓	✓
Concealed ceiling unit	FXDQ-M9		✓	✓	✓			✓			
	FXDQ-P7		✓	✓	✓			✓	✓		
	FXSQ-P		✓	✓	✓			✓	✓		
	FXMQ-P7		✓	✓	✓			✓			
	FXMQ-MA		✓	✓	✓			✓			
Wall mounted unit	FXAQ-P		✓	✓	✓			✓	✓		✓
Ceiling suspended unit	FXHQ-MA		✓	✓	✓			✓			
	FXUQ-MA		✓	✓	✓		✓	✓			✓
Floor standing unit	FXNQ-P		✓	✓	✓			✓			
	FXLQ-P		✓	✓	✓			✓			

	Humidity control	Air treatement	Remote control & timer				Other functions			
										
2	✓	✓	✓	✓	✓	✓	✓	✓	✓	Standard
2	✓	✓	✓	✓	✓	✓	✓	✓	✓	Standard
2	✓	✓	✓	✓	✓	✓	✓	✓		Standard
2	✓	✓	✓	✓	✓	✓	✓	✓		Standard
2	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	✓	✓	✓	✓	✓	✓	✓	✓	✓	Standard
3	✓	✓	✓	✓	✓	✓	✓	✓	✓	Standard
3	✓	✓	✓	✓	✓	✓	✓	✓	✓	Standard
2	✓	✓	✓	✓	✓	✓	✓	✓		Optional
2	✓	✓	✓	✓	✓	✓	✓	✓	✓	Optional
2	✓	✓	✓	✓	✓	✓	✓	✓		Optional
2	✓	✓	✓	✓	✓	✓	✓	✓		Standard
3	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	✓	✓	✓	✓	✓	✓	✓	✓		

FXFQ-P9

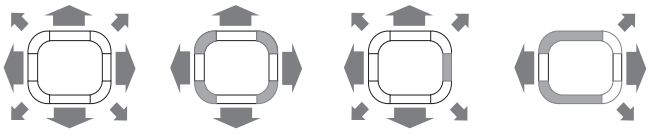
Round flow cassette

FXFQ20-63P9

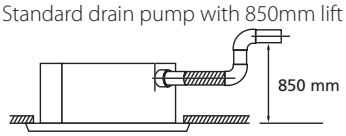
BRC1E52 BRC7F532

ROUND FLOW

- 360° air discharge ensures uniform air flow and temperature distribution
- Modern style decoration panel is available in 3 different variations:
  - » pure white (RAL9010) auto cleaning panel,
  - » pure white (RAL9010) standard panel with grey louvers
  - » pure white (RAL9010) standard panel with white louvers
- Daikin introduces first auto cleaning cassette to European market[1]
- Higher efficiency and comfort thanks to daily auto cleaning of the filter
- Lower maintenance costs thanks to auto cleaning function
- Easy dust removal with vacuum cleaner without opening the unit
- Fresh air intake: up to 20 %
- Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible



- Low installation height: 214mm for class 20-63
- Standard drain pump with 850mm lift



- Allows multi tenant applications (option PCB required)

[1] Only for auto cleaning panel BYCQ140CG

Indoor unit				FXFQ20P9	FXFQ25P9	FXFQ32P9	FXFQ40P9	FXFQ50P9	FXFQ63P9	FXFQ80P9	FXFQ100P9	FXFQ125P9
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.053			0.063	0.083	0.095	0.120	0.173	0.258
	Heating	Nom.	kW	0.045			0.055	0.067	0.114	0.108	0.176	0.246
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840						246x840x840		288x840x840
Weight	Unit		kg	20				21		24		26
Decoration panel	Model			BYCQ140CW1 / BYCQ140CW1W / BYCQ140CGW1								
	Colour			Pure White(RAL 9010)								
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950								
	Weight		kg	5.5 / 5.5 / 11.5								
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	12.5/9.0			13.5/9.0	15.5/10.0	16.5/11.0	23.5/14.5	26.5/17.0	33.0/20.0
	Heating	High/Low	m^3/min	12.5/9.0			13.5/9.0	15.0/9.5	17.5/12.0	23.5/14.5	28.0/17.5	33.0/20.0
Sound power level	Cooling	Nom.	dBA	49			50	51	52	55	58	61
Sound pressure level	Cooling	High/Low	dBA	31/28			32/28	33/28	34/29	38/32	41/33	44/34
	Heating	High/Low	dBA	31/28			32/28	33/28	36/30	38/32	42/34	44/34
Refrigerant	Type			R-410A								
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)					9.52/15.9/VP25 (O.D. 32 / I.D. 25)			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								

FXZQ-M9

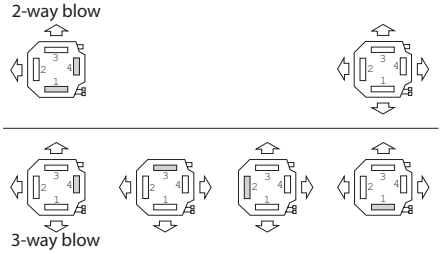
4-way blow ceiling mounted cassette

FXZQ-M9

BRC1E52 BRC7E530

- Comfortable vertical air discharge ensures draughtfree operation and prevents ceiling soiling
- Compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Whisper quiet operation: down to 25dBA sound pressure level
- Fresh air intake for healthy living
- Since the flaps can move to a 0 degree position, virtually no draught can be experienced

- Possibility to shut 1 or 2 flaps for easy installation in corners



- Easy maintenance: switch box can be reached by simply removing the suction grille
- Standard drain pump with 750mm lift
- Allows multi tenant applications (option PCB required)

Indoor unit				FXZQ15M9	FXZQ20M9	FXZQ25M9	FXZQ32M9	FXZQ40M9	FXZQ50M9
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3
Power input - 50Hz	Cooling	Nom.	kW	0.073	0.073		0.076	0.089	0.115
	Heating	Nom.	kW	0.064	0.064		0.068	0.080	0.107
Casing Colour				Unpainted					
Dimensions	Unit	HeightxWidthxDepth	mm	286x575x575					
Weight	Unit		kg	18					
Decoration panel	Model			BYFQ60BW1	BYFQ60B7W1				
	Colour			White					
	Dimensions	HeightxWidthxDepth	mm	55x700x700					
	Weight		kg	2.7					
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	8.1/7	9.0/7.0		9.5/7.5	11.0/8.0	14.0/10.0
Sound power level	Cooling	High/Nom.	dBA	-/46	-/47		-/49	-/53	-/58
Sound pressure level	Cooling	High/Low	dBA	29/25	30/25		32/26	36/28	41/33
Refrigerant	Type			R-410A					
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP20 (I.D. 20/O.D. 26)	6.35/12.70/26				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240					

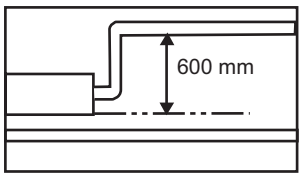
FXCQ-M8

2-way blow ceiling mounted cassette

FXCQ20-32M8

BRC1E52 BRC7C62

- Auto swing function ensures efficient air and temperature distribution and prevents ceiling soiling
- Easy to install: depth of all units is 600mm
- Maintenance operations can be performed by removing the front panel
- Standard drain pump with 600mm lift



Indoor unit				FXCQ20M8	FXCQ25M8	FXCQ32M8	FXCQ40M8	FXCQ50M8	FXCQ63M8	FXCQ80M8	FXCQ125M8
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.077	0.092		0.130		0.161	0.209	0.256
	Heating	Nom.	kW	0.044	0.059		0.097		0.126	0.176	0.223
Casing Colour				Unpainted							
Dimensions	Unit	HeightxWidthxDepth	mm	305x780x600			305x995x600		305x1,180x600	305x1,670x600	
Required ceiling void >			mm	350							
Weight	Unit		kg	26			31	32	35	47	48
Decoration panel	Model			BYBC32GJW1			BYBC50GJW1		BYBC63GJW1	BYBC125GJW1	
	Colour			White (10Y9/0.5)							
	Dimensions	HeightxWidthxDepth	mm	53x1,030x680			53x1,245x680		53x1,430x680	53x1,920x680	
	Weight		kg	8			8.5		9.5	12	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	7/5	9/6.5		12/9		16.5/13	26/21	33/25
	Heating	High/Low	m^3/min	7/5	9/6.5		12/9		16.5/13	26/21	33/25
Sound power level	Cooling	Nom.	dBA	45	50				52	54	60
Sound pressure level	Cooling	High/Low	dBA	33/28	35/29	35.0/29.0	35.5/30.5		38/33	40/35	45/39
	Heating	High/Low	dBA	33/28	35/29	35.0/29.0	35.5/30.5		38/33	40/35	45/39
Refrigerant	Type			R-410A							
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)					9.52/15.90/VP25 (O.D. 32 / I.D. 25)		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230							

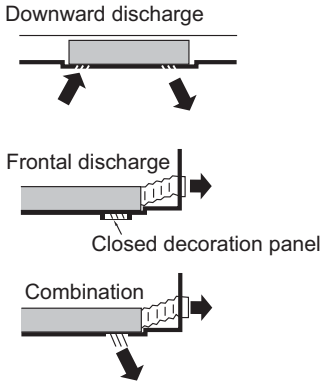
FXKQ-MA

Ceiling mounted corner cassette

FXKQ-MA

BRC1E52 BRC4C61

- Compact dimensions, can easily be mounted in a narrow ceiling void (only 220mm ceiling space required, 195 with panel spacer, available as accessory)
- Comfortable horizontal auto swing ensures draughtfree operation and prevents ceiling soiling
- Optimum air flow conditions are created by either downward air discharge or frontal air discharge (via optional grille) or a combination of both



- Standard drain pump with 500mm lift

Indoor unit				FXKQ25MA	FXKQ32MA	FXKQ40MA	FXKQ63MA
Cooling capacity	Nom.		kW	2.8	3.6	4.5	7.10
Heating capacity	Nom.		kW	3.2	4.0	5.0	8.00
Power input - 50Hz	Cooling	Nom.	kW	0.066		0.076	0.105
	Heating	Nom.	kW	0.046		0.056	0.085
Dimensions	Unit	HeightxWidthxDepth	mm	215x1,110x710			215x1,310x710
Weight	Unit		kg	31			34
Decoration panel	Model			BYK45FJW1			BYK71FJW1
	Colour			White			
	Dimensions	HeightxWidthxDepth	mm	70x1,240x800			70x1,440x800
	Weight		kg	8.5			9.5
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	11/9		13/10	18/15
Sound power level	Cooling	Nom.	dBA	-			
Sound pressure level	Cooling	High/Low	dBA	38.0/33.0		40.0/34.0	42.0/37.0
Refrigerant	Type			R-410A			
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)			9.52/15.9/VP25 (O.D. 32 / I.D. 25)
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220			

FXDQ-M9

Small concealed ceiling unit

FXDQ-M9

BRC1E52 BRC4C62

- Designed for hotel bedrooms
- Compact dimensions (230mm high & 652mm deep), can easily be mounted in a ceiling void
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- The air suction direction can be altered from rear to bottom suction
- For easy mounting, the drain pan can be located to the left or right of the unit
- Allows multi tenant applications (option PCB required)

Indoor unit				FXDQ20M9	FXDQ25M9
Cooling capacity	Nom.		kW	2.2	2.8
Heating capacity	Nom.		kW	2.5	3.2
Power input - 50Hz	Cooling	Nom.	kW	0.050	
	Heating	Nom.	kW	0.050	
Casing Colour				Unpainted	
Dimensions	Unit	HeightxWidthxDepth	mm	230x502x652	
Required ceiling void >			mm	250	
Weight	Unit		kg	17	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	6.7/5.2	7.4/5.8
	Heating	High/Low	m^3/min	6.7/5.2	7.4/5.8
Sound power level	Cooling	Nom.	dBA	50	
Sound pressure level	Cooling	High/Low	dBA	37/32	
	Heating	High/Low	dBA	37/32	
Refrigerant	Type			R-410A	
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/I.D. 21.6, O.D. 27.2	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230	

FXDQ-P7

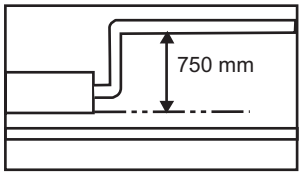
Slim concealed ceiling unit

FXDQ20-32P7

BRC1E52 BRC4C65

- Compact dimensions, can easily be mounted in a ceiling void of only 240mm

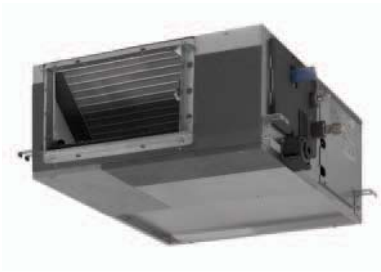
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- Standard drain pump with 750mm lift



- Allows multi tenant applications (option PCB required)

Indoor unit				FXDQ15P7	FXDQ20P7	FXDQ25P7	FXDQ32P7	FXDQ40P7	FXDQ50P7	FXDQ63P7
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.086			0.089	0.160	0.165	0.181
	Heating	Nom.	kW	0.067			0.070	0.147	0.152	0.168
Casing Colour				Unpainted						
Dimensions	Unit	HeightxWidthxDepth	mm	200x700x620				200x900x620		200x1,100x620
Required ceiling void >			mm	240						
Weight	Unit		kg	23				27	28	31
Fan-Air flow rate - 50Hz	Cooling	Super high/High/Nom./Low	m^3/min	7.5/7.0/-/6.4	8.0/7.2/-/6.4			10.5/9.5/-/8.5	12.5/11.0/-/10.0	16.5/14.5/-/13.0
Fan-External static pressure - 50Hz	High/Nom.		Pa	30/10				44/15		
Sound power level	Cooling	Nom.	dBA	50	51			52	53	54
Sound pressure level	Cooling	High/Nom./Low	dBA	32/31/29	33/31/29			34/32/30	35/33/31	36/34/32
Refrigerant	Type			R-410A						
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP20 (I.D. 20/O.D. 26)						9.52/15.9/VP20 (I.D. 20/O.D. 26)
Power supply	Phase/Frequency/Voltage		Hz/V	/50/60/220-240/220	1~/50/60/220-240/220					

FXSQ20-32P



FXMQ20-32P7

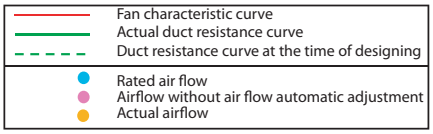
BRC1E52 BRC4C66

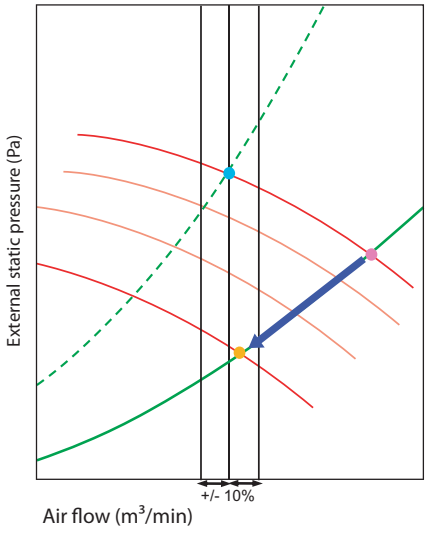
- Easy installation thanks to automatic air flow adjustment towards nominal air flow rate
- Using a DC fan shows a 20% reduction in power consumption compared to the previous series
- Improved comfort thanks to 3-step air flow control
- Up to 140Pa external static pressure (ESP) facilitates using flexible ducts of variying lengths: ideal for shops and medium size offices (FXSQ)
- Up to 200Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas (FXMQ)
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- The use of an integrated inverter control ensures maximum comfort and efficiency.
- The air suction direction can be altered from rear to bottom suction
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- Standard built-in drain pump increases reliability of the drain system
- Allows multi tenant applications (option PCB required)

Easy installation thanks to automatic air flow adjustment towards nominal air flow: Installation made easier

Reduced installation time

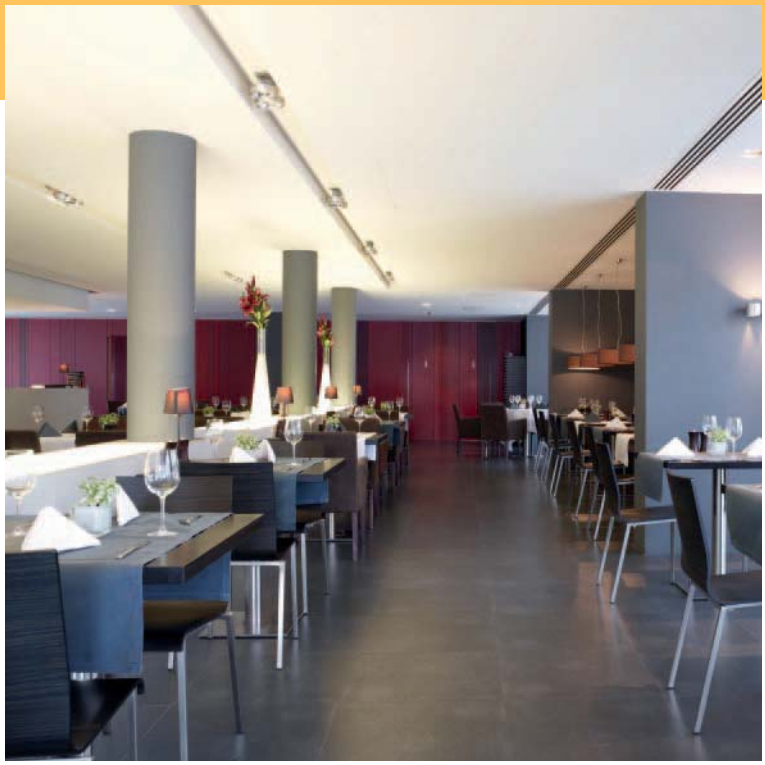
- After installation, it is possible that the actual duct resistance is lower than expected at time of designing. As a consequence the air flow will be too high.
- With the automatic air flow adjustment function the unit can adapt its fan speed to a lower curve, so the air flow decreases.
- The air flow will always be within 10% of the rated air flow because of the amount of possible fan curves (more than 8 fan curves available per model).
- Alternatively the installer can manually select a fan curve with the wired remote control.





FXSQ-Medium static pressure

Indoor unit				FXSQ20P	FXSQ25P	FXSQ32P	FXSQ40P	FXSQ50P	FXSQ63P	FXSQ80P	FXSQ100P	FXSQ125P	FXSQ140P
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.	kW	0.041		0.044	0.097		0.074	0.118	0.117	0.185	0.261
	Heating	Nom.	kW	0.029		0.032	0.085		0.062	0.106	0.105	0.173	0.249
Casing Colour				Unpainted									
Dimensions	Unit	HeightxWidthxDepth	mm	300x550x700			300x700x700		300x1,000x700		300x1,400x700		
Required ceiling void >			mm	350									
Weight	Unit		kg	23			26		35		46		47
Decoration panel	Model			BYBS32DJW1			BYBS45DJW1		BYBS71DJW1		BYBS125DJW1		
	Colour			White (10Y9/0.5)									
	Dimensions	HeightxWidthxDepth	mm	55x650x500			55x800x500		55x1,100x500		55x1,500x500		
	Weight		kg	3.0			3.5		4.5		6.5		
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	9/6.5		9.5/7	16/11		19.5/16	25/20	32/23	39/28	46/32
	Heating	High/Low	m^3/min	9/6.5		9.5/7	16/11		19.5/16	25/20	32/23	39/28	46/32
Fan-External static pressure - 50Hz	High/Nom.		Pa	70/30			100/30			100/40	120/40	120/50	140/50
Sound power level	Cooling	Nom.	dBA	55		56	63		59	63	61	66	67
Sound pressure level	Cooling	High/Low	dBA	32/26		33/27	37/29		37/30	38/32		40/33	42/34
	Heating	High/Low	dBA	32/26		33/27	37/29		37/30	38/32		40/33	42/34
Refrigerant	Type			R-410A									
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)					9.52/15.9/VP25 (O.D. 32 / I.D. 25)				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220									



FXMQ-P7 - High stactic pressure

Indoor unit				FXMQ20P7	FXMQ25P7	FXMQ32P7	FXMQ40P7	FXMQ50P7	FXMQ63P7	FXMQ80P7	FXMQ100P7	FXMQ125P7
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.049		0.053	0.151	0.110	0.120	0.171	0.176	0.241
	Heating	Nom.	kW	0.037		0.041	0.139	0.098	0.108	0.159	0.164	0.229
Casing Colour				Unpainted								
Dimensions	Unit	HeightxWidthxDepth	mm	300x550x700			300x700x700	300x1,000x700			300x1,400x700	
Required ceiling void >			mm	350								
Weight	Unit		kg	23			26	35			46	
Decoration panel	Model			BYBS32DJW1			BYBS45DJW1	BYBS71DJW1			BYBS125DJW1	
	Colour			White (10Y9/0.5)								
	Dimensions	HeightxWidthxDepth	mm	55x650x500			55x800x500	55x1,100x500			55x1,500x500	
	Weight		kg	3.0			3.5	4.5			6.5	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	9/6.5		9.5/7	16/11	18/15	19.5/16	25/20	32/23	39/28
	Heating	High/Low	m^3/min	9.0/6.5		9.5/7	16/11	18/15	19.5/16	25/20	32/23	39/28
Fan-External static pressure - 50Hz	High/Nom.		Pa	100/50			160/100	200/100				
Sound power level	Cooling	High/Nom.	dBA	56/-		57/-	65/-	61/-	64/-	67/-	65/-	70/-
Sound pressure level	Cooling	High/Nom./Low	dBA	33/31/29		34/32/30	39/37/35	41/39/37	42/40/38	43/41/39		44/42/40
	Heating	High/Nom./Low	dBA	33/31/29		34/32/30	39/37/35	41/39/37	42/40/38	43/41/39		44/42/40
Refrigerant	Type			R-410A								
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (I.D. 25/O.D. 32)					9.52/15.9/VP25 (I.D. 25/O.D. 32)			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								

FXMQ-MA

Large concealed ceiling unit

FXMQ200-250MA

BRC1E52 BRC4CC66

- Up to 270Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Up to 31.5kW in heating mode

Indoor unit				FXMQ200MA	FXMQ250MA
Cooling capacity	Nom.		kW	22.4	28.0
Heating capacity	Nom.		kW	25.0	31.5
Power input - 50Hz	Cooling	Nom.	kW	1.294	1.465
	Heating	Nom.	kW	1.294	1.465
Dimensions	Unit	HeightxWidthxDepth	mm	470x1,380x1,100	
Weight	Unit		kg	137	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	58/50	72/62
Fan-External static pressure - 50Hz	High/Nom.		Pa	221/132	270/191
Sound power level	Cooling	Nom.	dBA	-	
Sound pressure level	Cooling	High/Low	dBA	48/45	
Refrigerant	Type			R-410A	
Piping connections	Liquid/OD/Gas/OD/Drain		mm	9.52/19.1/PS1B	9.52/22.2/PS1B
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	

FXAQ-P

Wall mounted unit

FXAQ15-32P

BRC1E52 BRC7E63

- Modern style decoration panel in white (RAL9010)
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- 5 different discharge angles can be programmed via the remote control

NEW

- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Both horizontal flaps and front panel can easily be removed and washed
- Maintenance operations can be performed from the front of the unit
- Can be installed in both new and existing buildings
- Allows multi tenant applications (option PCB required)

NEW

Indoor unit				*FXAQ15P	FXAQ20P	FXAQ25P	FXAQ32P	FXAQ40P	FXAQ50P	FXAQ63P
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	-	0.019	0.028	0.030	0.020	0.033	0.050
	Heating	Nom.	kW	-	0.029	0.034	0.035	0.020	0.039	0.060
Casing Colour				-	White (3.0Y8.5/0.5)					
Dimensions	Unit	HeightxWidthxDepth	mm	290x795x238	290x795x238			290x1,050x238		
Weight	Unit		kg	-	11			14		
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	7/4.5	7.5/4.5	8/5	8.5/5.5	12/9	15/12	19/14
Sound power level	Cooling	Nom.	dBA	-	-					
Sound pressure level	Cooling	High/Low	dBA	33/29	35.0/29.0	36.0/29.0	37.0/29.0	39.0/34.0	42.0/36.0	46.0/39.0
Refrigerant	Type			R-410A	R-410A					
Piping connections	Liquid/OD/Gas/OD/Drain		mm	-/-/	6.35/12.7/VP13 (I.D. 13/O.D. 18)					
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240	1~/50/220-240					

*Note: grey cells contain preliminary data

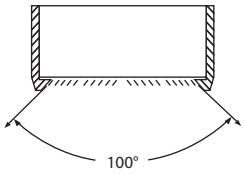
FXHQ-MA

Ceiling suspended unit

FXHQ32MA

BRC1E52 BRC7E63

- Can be installed in both new and existing buildings
- Wider air discharge thanks to Coanda effect: up to 100°



- Air flow distribution for ceiling heights up to 3.8m without capacity loss
- The unit can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space

Indoor unit				FXHQ32MA	FXHQ63MA	FXHQ100MA
Cooling capacity	Nom.		kW	3.6	7.1	11.2
Heating capacity	Nom.		kW	4.0	8.0	12.5
Power input - 50Hz	Cooling	Nom.	kW	0.111	0.115	0.135
	Heating	Nom.	kW	0.111	0.115	0.135
Casing Colour				White (10Y9/0.5)		
Dimensions	Unit	HeightxWidthxDepth	mm	195x960x680	195x1,160x680	195x1,400x680
Weight	Unit		kg	24	28	33
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	12/10	17.5/14	25/19.5
Sound power level	Cooling	Nom.	dBA	-		
Sound pressure level	Cooling	High/Low	dBA	36/31	39/34	45/37
Refrigerant	Type			R-410A		
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP20 (I.D. 20/O.D. 26)	9.52/15.9/VP20 (I.D. 20/O.D. 26)	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220		

FXUQ-MA

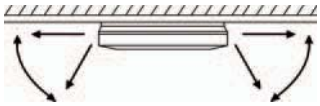
4-way blow ceiling suspended unit

FXUQ-MA

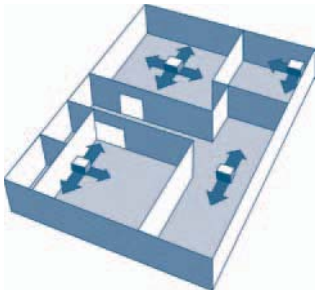
BEVQ-MA

BRC1E52 BRC7C528

- Can be installed in both new and existing buildings
- Air can be discharged in any of 4 directions
- Auto swing function ensures efficient air and temperature distribution
- Air can be discharged in 5 different angles between 0 and 60°



- Possibility to shut 1 or 2 flaps for easy installation in corners



- Air flow distribution for ceiling heights up to 3.5m without capacity loss
- Standard drain pump with 500mm lift

Indoor unit					FXUQ71MA	FXUQ100MA	FXUQ125MA
Cooling capacity	Nom.			kW	8.0	11.2	14.0
Heating capacity	Nom.			kW	9.0	12.5	14.0
Power input - 50Hz	Cooling	Nom.		kW	0.180	0.289	
	Heating	Nom.		kW	0.160	0.269	
Casing Colour					White		
Dimensions	Unit	HeightxWidthxDepth		mm	165x895x895	230x895x895	
Weight	Unit			kg	25	31	
Fan-Air flow rate - 50Hz	Cooling	High/Low		m^3/min	19/14	29/21	32/23
	Heating	High/Low		m^3/min	19/14	29/21	32/23
Sound power level	Cooling	High/Nom.		dBA	56/-	59/-	60/-
Sound pressure level	Cooling	High/Low		dBA	40/35	43/38	44/39
	Heating	High/Low		dBA	40/35	43/38	44/39
Refrigerant	Type				R-410A		
Piping connections	Liquid/OD/Gas/OD/Drain			mm	9.52/15.9/I.D. 20/O.D. 26		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		

Indoor unit					BEVQ71MA	BEVQ100MA	BEVQ125MA
Power input	Cooling	Nom.		kW	0.189	0.298	
	Heating	Nom.		kW	0.169	0.278	
Casing	Material				Galvanised steel plate		
Dimensions	Unit	HeightxWidthxDepth		mm	100x350x225		
Weight	Unit			kg	3.0		3.5
Piping connections	Outdoor unit	Liquid	Type/OD	mm	Flare connection/9.52		
		Gas	OD/Type		15.9/Flare connection		
	Indoor unit	Liquid	Type/OD	mm	Flare connection/9.52		
		Gas	Type/OD	mm	Flare connection/15.9		
Sound absorbing thermal insulation					Flame and heat resistant foamed polyetherene		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		

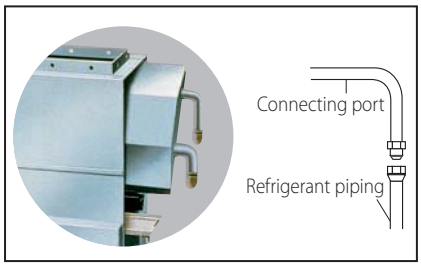
FXNQ-P

Concealed floor standing unit

FXNQ20-25P

BRC1E52 BRC7C62

- Ideal for installation beneath a window
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Requires very little installation space
- The connecting port faces downward, eliminating the need to attach auxiliary piping



- Allows multi tenant applications (option PCB required)

Indoor unit				FXNQ20P	FXNQ25P	FXNQ32P	FXNQ40P	FXNQ50P	FXNQ63P
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.049		0.090		0.110	
	Heating	Nom.	kW	0.049		0.090		0.110	
Dimensions	Unit	HeightxWidthxDepth	mm	610x930x220		610x1,070x220		610x1,350x220	
Weight	Unit		kg	19		23		27	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	7/6		8/6	11/8.5	14/11	16/12
Sound power level	Cooling	Nom.	dBA	-					
Sound pressure level	Cooling	High/Low	dBA	35/32			38/33	39/34	40/35
Refrigerant	Type			R-410A					
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/					9.52/15.9/
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220					

FXLQ-P

Floor standing unit

FXLQ20-25P

BRC1E52 BRC7C62

- Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011)
- Unit can be installed as free standing model by use of optional back plate
- Ideal for installation beneath a window
- Requires very little installation space
- Wall mounted installation facilitates cleaning beneath the unit where dust tends to accumulate

- Allows multi tenant applications (option PCB required)
- Wired remote control can easily be integrated in the unit

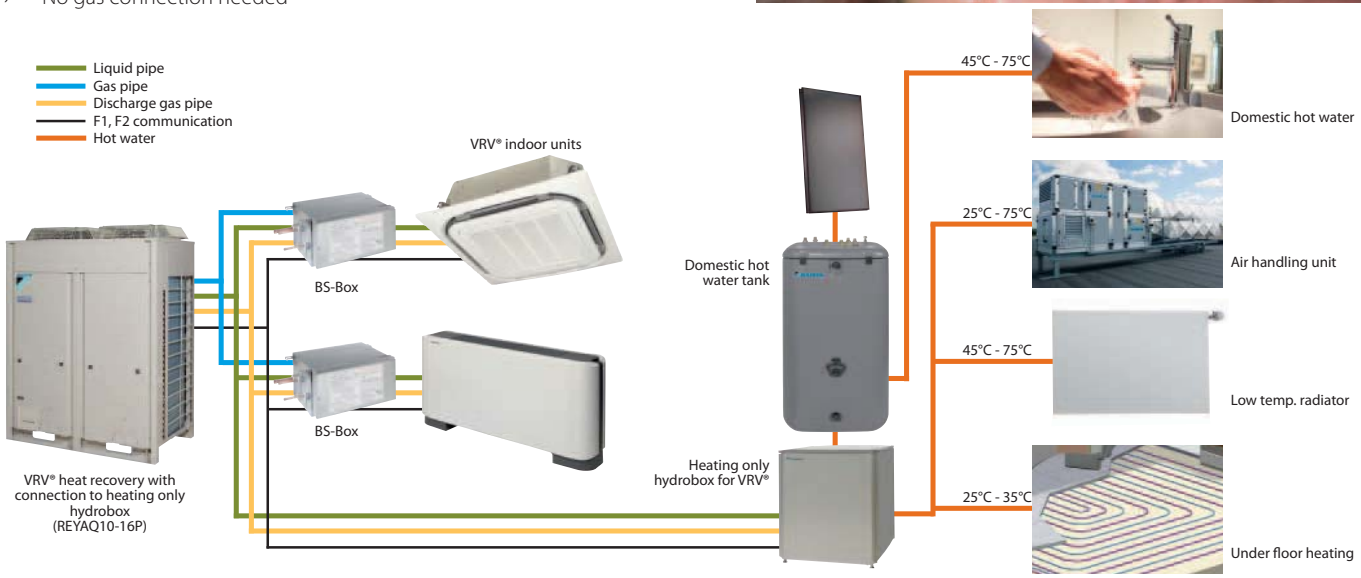
Indoor unit				FXLQ20P	FXLQ25P	FXLQ32P	FXLQ40P	FXLQ50P	FXLQ63P
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.000
Power input - 50Hz	Cooling	Nom.	kW	0.049		0.090		0.110	
	Heating	Nom.	kW	0.049		0.090		0.110	
Casing Colour				Fresh white (RAL9010) / Dark grey (RAL7011)					
Dimensions	Unit	HeightxWidthxDepth	mm	600x1,000x232		600x1,140x232		600x1,420x232	
Weight	Unit		kg	27		32		38	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	7/6		8/6	11/8.5	14/11	16/12
Sound power level	Cooling	Nom.	dBA	-					
Sound pressure level	Cooling	High/Low	dBA	35/32			38/33	39/34	40/35
Refrigerant	Type			R-410A					
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/					9.52/15.9/
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220					

HXHD-A

Heating only hydrobox for VRV®

HXHD-A EKHTS-AC EKHWP-A

- Temperature control, fresh air provision, Biddle air curtains and hot water production all integrated in a single system
- Free heating provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- Uses heat pump technology to produce hot water efficiently, providing up to 17% savings compared to a gas boiler
- VRV® plug-and-play as all necessary components are integrated for quick installation
- No need to design the water side: all water-side components are integrated, moreover no mixing valve is required thanks to direct leaving water temperature control
- Possibility to connect thermal solar collectors to the domestic hot water tank
- Various control possibilities with weather dependant set point or thermostat control
- The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- Leaving water temperature range from 25 to 80°C without electric heater
- Super wide operating range for hot water production from -20 to +43°C ambient outdoor temperature
- Possible applications include bathrooms, sinks, underfloor heating, radiators and air handling units
- No gas connection needed



Indoor unit					HXHD125A
Heating capacity	Nom.			kW	14.0
Casing	Colour				Metallic grey
	Material				Precoated sheet metal
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695
Weight	Unit			kg	92
Sound pressure level	Nom.			dBA	42 (1) / 43 (2)
	Night quiet mode	Level 1		dBA	38 (5)
Operation range	Heating	Ambient	Min.~Max.	°C	-20~20 / 24 (3)
		Water side	Min.~Max.	°C	25~80
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20~43
		Water side	Min.~Max.	°C	45~75
Refrigerant	Type				R-134a
Refrigerant circuit	Gas side diameter			mm	12.7
	Liquid side diameter			mm	9.52
Water circuit	Piping connections diameter			inch	G 1" (female)
	Heating water system	Water volume	Min.~Max.	l	20~200
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240
Current	Recommended fuses			A	20

(1) Sound levels are measured at: EW 55°C; LW 65°C (2) Sound levels are measured at: EW 70°C; LW 80°C (3) Field setting

EKHTS-AC

Domestic hot water tank

EKHTS200AC EKHTS260AC

- Stainless steel domestic hot water tank
- The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- Available in 200 and 260 liters
- Heat loss is reduced to a minimum thanks to the high quality insulation
- At necessary intervals, the indoor unit can heat up the water to 60°C to prevent the risk of bacteria growth
- Efficient temperature heat-up: from 10°C to 50°C in only 60 minutes

Indoor unit				EKHTS200AC	EKHTS260AC
Casing	Colour			Metallic grey	
	Material			Galvanised steel (precoated sheet metal)	
Dimensions	Unit	HeightxWidthxDepth	mm	2,010x600x695 (Integrated on indoor unit)	2,285x600x695 (Integrated on indoor unit)
Weight	Unit	Empty	kg	70	78
Tank	Water volume		l	200	260
	Material			Stainless steel (EN 1.4521)	
	Maximum water temperature		°C	75	
Heat exchanger	Quantity			1	
	Tube material			Duplex steel (EN 1.4162)	
	Face area		m^2	1.56	
	Internal coil volume		l	7.5	

EKHWP-A

Domestic hot water tank with possibility for solar connection

EKHWP300A EKHWP500A

- Tank designed for connection with thermal solar collectors
- Available in 300 and 500 liters
- Large hot water storage tank to provide domestic hot water at any time
- Heat loss is reduced to a minimum thanks to the high quality insulation
- Space heating support possible (500l tank only)

Indoor unit				EKHWP300A	EKHWP500A
Casing	Colour			Dust grey (RAL7037)	
	Material			Impact resistant polypropylene	
Dimensions	Unit	HeightxWidthxDepth	mm	1,590x595x615	1,590x790x790
Weight	Unit	Empty	kg	59	92
Tank	Water volume		l	300	500
	Maximum water temperature		°C	85	
Heat exchanger	Domestic hot water	Tube material		Stainless steel (DIN 1.4404)	
		Face area	m^2	5.7	5.9
		Internal coil volume	l	27.8	28.4
		Operating pressure	bar	6	
		Average specifc thermal output	W/K	2,795	2,860
	Charging	Tube material		Stainless steel (DIN 1.4404)	
		Face area	m^2	2.5	3.7
		Internal coil volume	l	12.3	17.4
		Average specifc thermal output	W/K	1,235	1,809
	Auxiliary solar heating	Tube material		Stainless steel (DIN 1.4404)	
		Face area	m^2	-	1.0
		Internal coil volume	l	-	5
		Average specifc thermal output	W/K	-	313

EKSV/H-P

Solar collector

EKSV-P EKSH-P

- Horizontal and vertical solar collector for domestic hot water production
- Solar panels can produce up to 70% of the energy needed for hot water production – a major cost saving
- High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- Easy to install on roof tiles
- The solar collectors are charged with water only when needed for heating – avoiding the need for 'anti-freeze' protection

Indoor unit				EKSV26P	EKSH26P
Dimensions	Unit	HeightxWidthxDepth	mm	2,000x1,300x85	1,300x2,000x85
Weight	Unit		kg	43	
Volume			l	1.7	2.1
Surface	Outer		m^2	2.601	
	Aperture		m^2	2.364	
	Absorber		m^2	2.354	
Coating				Micro-therm (absorption max.96%, Emission ca. 5% +/-2%)	
Absorber				Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate	
Glazing				Single pane safety glass, transmission +/- 92%	
Allowed roof angle	Min.~Max.		°	15~80	
Operating pressure	Max.		bar	6	
Stand still temperature	Max.		°C	200	
Thermal performance	Zero loss collector efficiency η0		%	78.7	
	Heat loss coefficient a1		$W/m^2.K$	4.270	
	Temperature dependence of the heat loss coefficient a2		$W/m^2.K^2$	0.0070	
	Thermal capacity		kJ/K	6.5	
	Incident angle modifier	AM at 50°		0.94	
Installed position				Vertical	Horizontal

EKSRPS

Pump station

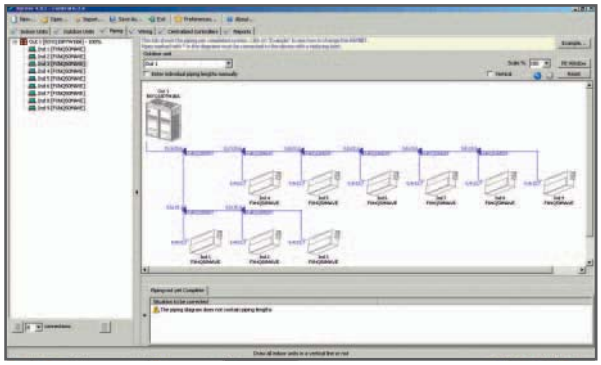
EKSRPS

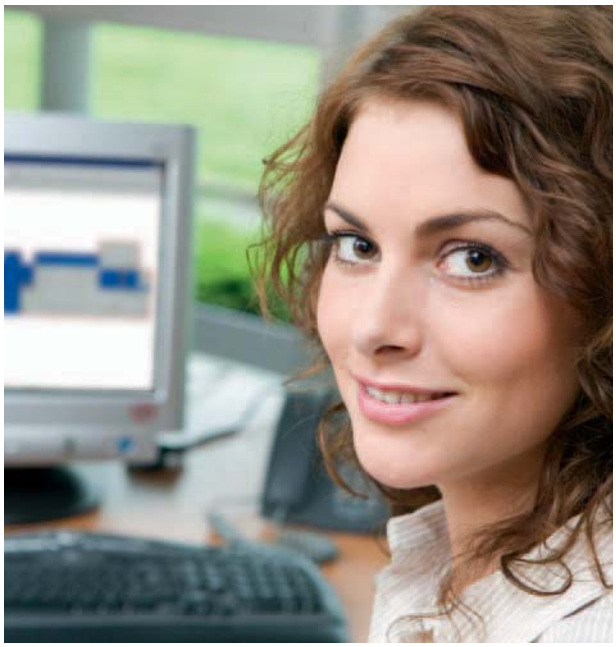
- Save energy and reduce CO_2 emissions with a solar system for domestic hot water production
- Pump station connectable to unpressurised solar system
- Pump station and control provide the transfer of solar heat to the domestic hot water tank

Indoor unit				EKSRPS3
Mounting				On side of tank
Dimensions	Unit	HeightxWidthxDepth	mm	815x230x142
Thermal performance	Zero loss collector efficiency η0		%	-
Control	Type			Digital temperature difference controller with plain text display
	Power consumption		W	2
Sensor	Solar panel temperature sensor			Pt1000
	Storage tank sensor			PTC
	Return flow sensor			PTC
	Feed temperature and flow sensor			Voltage signal (3.5V DC)
Power supply	Voltage		V	230

Powerful selection programmes

Xpress, Quick Quotation tool

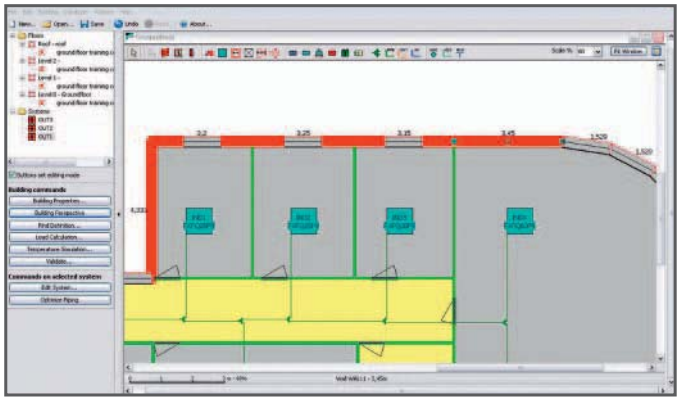


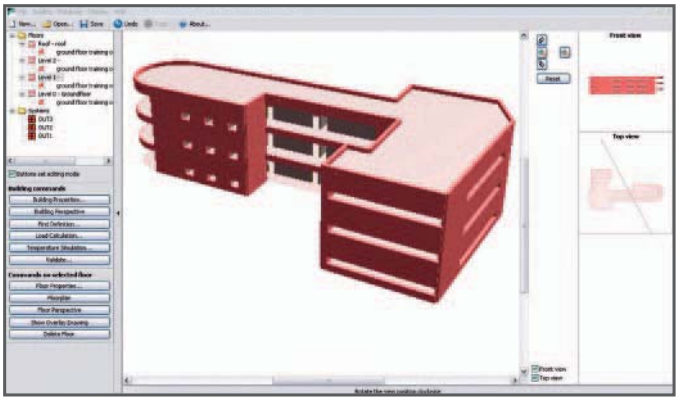


Xpress is a software tool that allows creating on the spot quotations for a Daikin VRV® or CMSQ System. It provides a result in 7 steps to enable a professional budget quotation:

1. Select indoor units
2. Connect outdoor units to indoor units
3. Automatic generation of piping diagram with joints
4. Automatic generation of wiring diagram
5. Select possible centralised control systems
6. Visualise result in MS Word, MS Excel and AutoCAD
7. Save project

VRV® Pro, Design tool





The VRV® Pro selection programme is a true VRV® design tool. The programme enables VRV® air conditioning systems to be engineered in
a precise and economical way, taking into account the realtime thermal properties of any building. By calculating annual energy consumptions, it gives the designer the possibility to make accurate selections and get competitive quotations for each project. Moreover, it ensures optimum operating cycles and maximum energy efficiency.

For more information, please contact your affiliate/distibutor.

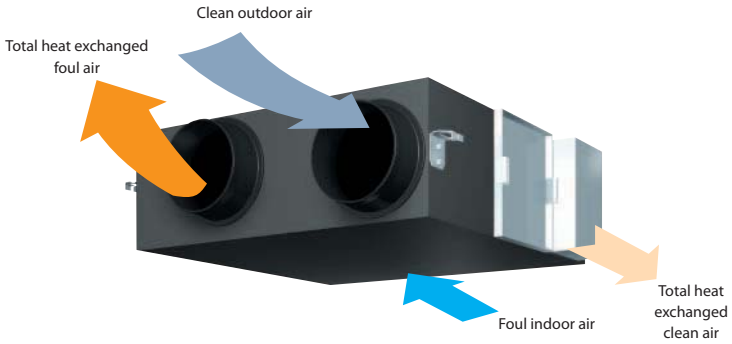
With the advent of new building regulations, greater awareness of increasing energy costs and a responsibility towards environmental issues, modern commercial spaces are insulated better than ever. Double glazing, thicker roof insulation and draught excluders of course, help considerably towards reducing heating/cooling demand and burdens on the environment. The down-side however, is that these same commercial spaces have now become, in effect, sealed boxes with little or no replenishment of the air. Daikin offers a variety of solutions for the provision of fresh air ventilation to offices, hotels, stores and other commercial outlets – each one complementary to and as flexible as VRV® systems themselves.

VENTILATION & BIDDLE AIR CURTAINS

For more information on Options & Accessories, please refer to page 340 of this catalogue.

VAM-FA

Heat reclaim ventilation



- Energy saving ventilation by recovery of indoor unit heat/cold
- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Free cooling when outdoor temperature is below indoor temperature (eg. during night time)
- Can be used as stand alone unit or integrated in the VRV® system
- Wide range of units: air flow rate from 150 up to 2,000 m^3/h
- Specially developed heat exchange element with High Efficiency Paper (HEP)
- No drain piping needed
- Can operate in over- and under pressure

Ventilation					VAM150FA	VAM250FA	VAM350FA	VAM500FA	VAM650FA	VAM800FA	VAM1000FA	VAM1500FA	VAM2000FA
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high	kW	0.116	0.141	0.194	0.212	0.380	0.451	0.469	0.864	0.953
	Bypass mode	Nom.	Ultra high	kW	0.116	0.141	0.194	0.212	0.380	0.451	0.469	0.864	0.953
Temperature exchange efficieny - 50Hz	Ultra high			%	74	72	75	74			75		
Enthalpy exchange efficieny - 50Hz	Cooling	Ultra high		%	58		61	58		60	61		
	Heating	Ultra high		%	64		65	62	63	65	66		
Operation mode					Heat exchange mode / Bypass mode / Fresh-up mode								
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange								
Heat exchange element					Specially processed non-flammable paper								
Dimensions	Unit	HeightxWidthxDepth		mm	285x776x525		301x828x816		364x1,004x868		364x1,004x1,156	726x1,514x868	726x1,514x1,156
Weight	Unit			kg	24		33		48		61	132	158
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high		m^3/h	150	250	350	500	650	800	1,000	1,500	2,000
	Bypass mode	Ultra high		m^3/h	150	250	350	500	650	800	1,000	1,500	2,000
Fan-External static pressure - 50Hz	Ultra high			Pa	69	64	98		93	137	157	137	
Sound pressure level - 50Hz	Heat exchange mode	Ultra high		dBA	27 / 28.5	28 / 29	32 / 34	33 / 34.5	34.5 / 35.5	36 / 37	36 / 37	39.5 / 41.5	40 / 42.5
	Bypass mode	Ultra high		dBA	27 / 28.5	28 / 29	32 / 34	33.5 / 34.5	34.5 / 35.5	36 / 37	36 / 37	40.5 / 41.5	40 / 42.5
Operation range	Min.			°CDB	-15								
	Max.			°CDB	50								
	Relative humidity			%	80% or less								
Connection duct diameter				mm	100	150		200		250		350	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220								

VKM-GA(M)

Heat reclaim ventilation, humidification and air processing

VKM80-100GAM

- Creates a high quality indoor environment by pre conditioning incoming fresh air
- Humidification of incoming air maintains a comfortable indoor humidity level, even during heating
- Energy saving ventilation by recovery of indoor unit heat/cold
- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Free cooling when outdoor temperature is below indoor temperature (eg. during night time)
- Wide range of units: air flow rate from 150 up to 2,000 m^3/h
- Specially developed heat exchange element with High Efficiency Paper (HEP)
- No drain piping needed
- Can operate in over- and under pressure

Ventilation & DX coil					VKM50GA	VKM80GA	VKM100GA
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high	kW	0.560	0.620	0.670
	Bypass mode	Nom.	Ultra high	kW	0.560	0.620	0.670
Fresh air conditioning load	Cooling			kW	4.71	7.46	9.12
	Heating			kW	5.58	8.79	10.69
Temperature exchange efficiency - 50Hz	Ultra high			%	76	78	74
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high		%	64	66	62
Operation mode					Heat exchange mode / Bypass mode / Fresh-up mode		
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange		
Heat exchange element					Specially processed non-flammable paper		
Dimensions	Unit	HeightxWidthxDepth		mm	387x1,764x832	387x1,764x1,214	
Weight	Unit			kg	96	109	114
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high		m^3/h	500	750	950
	Bypass mode	Ultra high		m^3/h	500	750	950
Fan-External static pressure - 50Hz	Ultra high			Pa	180	170	150
Sound pressure level - 50Hz	Heat exchange mode	Ultra high		dBA	38 / 38.5 / 39	40 / 41 / 41.5	40 / 40.5 / 41
	Bypass mode	Ultra high		dBA	38 / 38.5 / 39	40 / 41 / 41.5	40 / 40.5 / 41
Operation range	Around unit			°CDB	0°C~40°CDB, 80% RH or less		
	Supply air			°CDB	-15°C~40°CDB, 80% RH or less		
	Return air			°CDB	0°C~40°CDB, 80% RH or less		
Connection duct diameter				mm	200	250	
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	12.7		
	Drain				PT3/4 external thread		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		

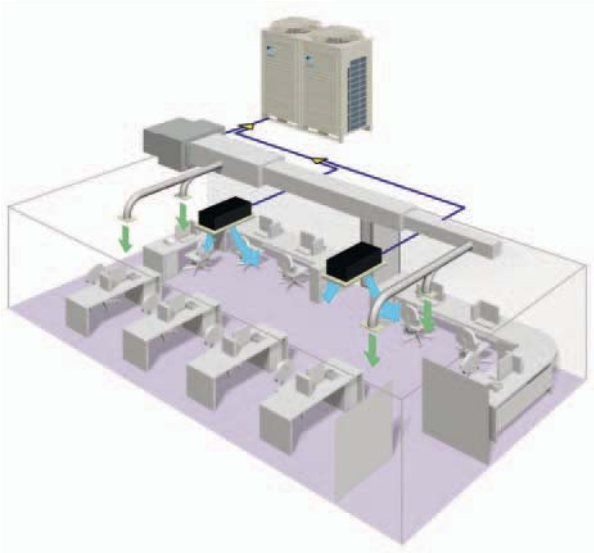
Ventilation, DX coil & humidification					VKM50GAM	VKM80GAM	VKM100GAM
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high	kW	0.560	0.620	0.670
	Bypass mode	Nom.	Ultra high	kW	0.560	0.620	0.670
Fresh air conditioning load	Cooling			kW	4.71	7.46	9.12
	Heating			kW	5.58	8.79	10.69
Temperature exchange efficiency - 50Hz	Ultra high			%	76	78	74
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high		%	64	66	62
Operation mode					Heat exchange mode / Bypass mode / Fresh-up mode		
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange		
Heat exchange element					Specially processed non-flammable paper		
Humidifier	System				Natural evaporating type		
Dimensions	Unit	HeightxWidthxDepth		mm	387x1,764x832	387x1,764x1,214	
Weight	Unit			kg	102	120	125
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high		m^3/h	500	750	950
	Bypass mode	Ultra high		m^3/h	500	750	950
Fan-External static pressure - 50Hz	Ultra high			Pa	160	140	110
Sound pressure level - 50Hz	Heat exchange mode	Ultra high		dBA	37 / 37.5 / 38	38.5 / 39 / 40	39 / 39.5 / 40
	Bypass mode	Ultra high		dBA	37 / 37.5 / 38	38.5 / 39 / 40	39 / 39.5 / 40
Operation range	Around unit			°CDB	0°C~40°CDB, 80% RH or less		
	Supply air			°CDB	-15°C~40°CDB, 80% RH or less		
	Return air			°CDB	0°C~40°CDB, 80% RH or less		
Connection duct diameter				mm	200	250	
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	12.7		
	Water supply			mm	6.4		
	Drain				PT3/4 external thread		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		

FXMQ-MF

Outdoor air processing unit, ventilation and air processing

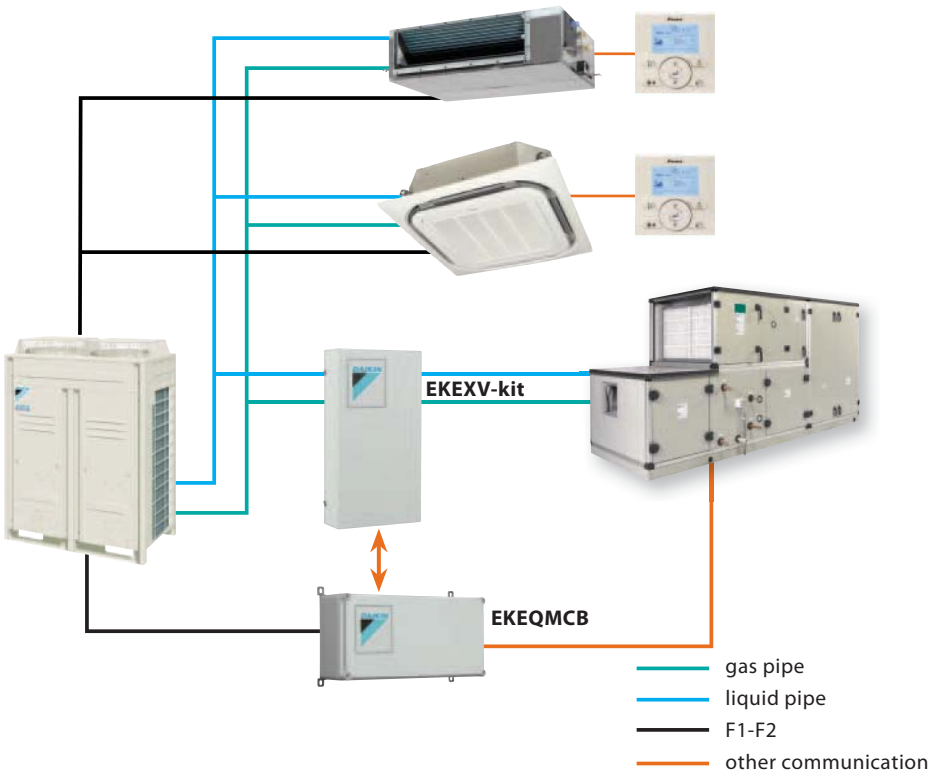
FXMQ200-250MF

- 100% fresh air intake possible
- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Operation range: -5°C to 43°C
- Up to 225Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- Drain pump kit available as accessory



Ventilation & air processing				FXMQ125MF	FXMQ200MF	FXMQ250MF
Cooling capacity	Nom.		kW	14.0	22.4	28.0
Heating capacity	Nom.		kW	8.9	13.9	17.4
Power Input (50Hz)	Cooling	Nominal	kW	0.359	0.548	0.638
	Heating	Nominal	kW	0.359	0.548	0.638
Dimensions	Unit	HeightxWidthxDepth	mm	470x744x1,100	470x1,380x1,100	
Weight	Unit		kg	86	123	
Air Flow Rate	Cooling		m^3/min	18	28	35
	Heating		m^3/min	-		
External Static Pressure	Standard		Pa	185	225	205
Refrigerant	Type			R-410A		
Sound Power	Cooling	Nominal	dBA	-		
Sound Pressure	Cooling	Nominal (220V)	dBA	42	47	
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.9	19.1	22.2
	Drain			PS1B		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

VRV® air handling applications



A R-410A inverter condensing units range for multi application with air handling units.

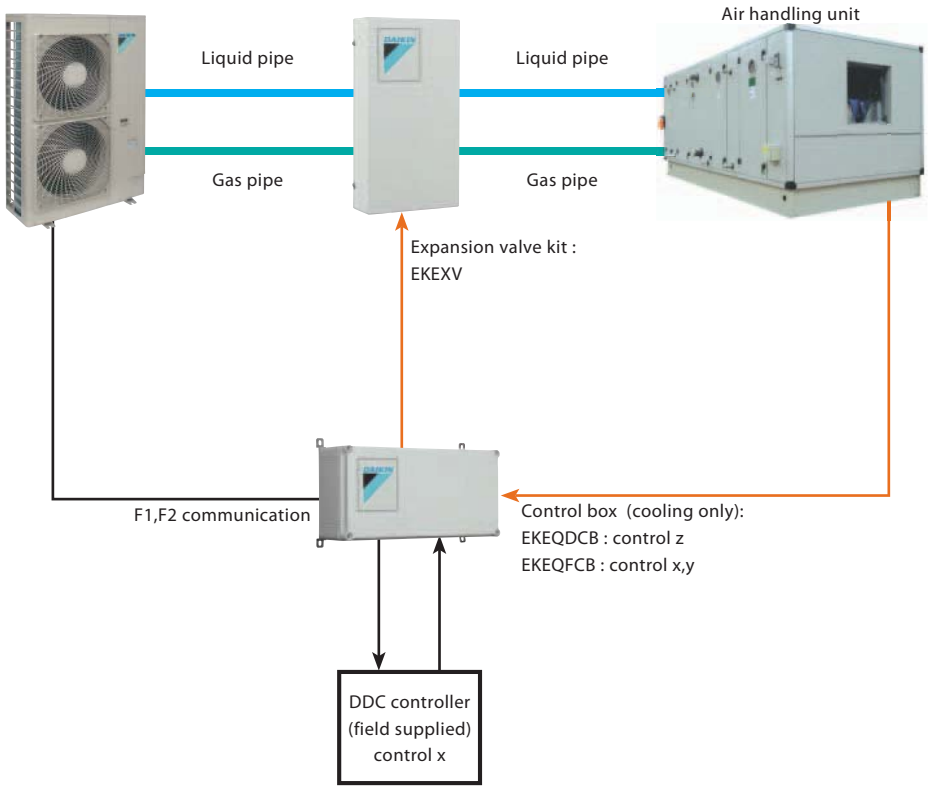
- Inverter controlled units
- Large capacity range (from 5 to 54HP)
- Heat recovery, heat pump
- R-410A
- Control of room temperature via Daikin control
- Large range of expansion valve kits available
- BRC1D52 is used to set the set point temperature (connected to the EKEQMCB).
- Connectable to all VRV® heat recovery and heat pump systems*

EKEXV class	Allowed heat exchanger capacity (kW)					
	Cooling (Evaporation temperature 6°C)			Heating (Condensing temperature 46°C)		
	Minimum	Standard	Maximum	Minimum	Standard	Maximum
50	5.0	5.6	6.2	5.6	6.3	7.0
63	6.3	7.1	7.8	7.1	8.0	8.8
80	7.9	9.0	9.9	8.9	10.0	11.1
100	10.0	11.2	12.3	11.2	12.5	13.8
125	12.4	14.0	15.4	13.9	16.0	17.3
140	15.5	16.0	17.6	17.4	18.0	19.8
200	17.7	22.4	24.6	19.9	25.0	27.7
250	24.7	28.0	30.8	27.8	31.5	34.7

Air handling application (pair)

A range of R-410A inverter condensing units for pair application with air handling units.

- Inverter controlled units
- Large capacity range (from 100 to 250 class)
- Heat pump
- R-410A
- Flexible control possibilities:
  - Control x:
    control of air temperature (discharge temperature, suction temperature, room temperature) via external device
    (DDC controller)
  - Control y:
    control of evaporating temperature via Daikin control (no DDC controller needed)
  - Control z:
    control of air temperature (suction temperature, room temperature) via Daikin control (no DDC controller needed)
- Wide range of expansion valve kits available



gas pipe
liquid pipe
F1-F2
other communication

COMBINATION TABLE										
Outdoor unit		Control box		Expansion valve kit						
		control z	control x or y	class 63	class 80	class100	class 125	class 140	class 200	class 250
		EKEQDCBA	EKEQFCBA	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250
1~	ERQ100AV1	P	P	P	P	P	P	-	-	-
	ERQ125AV1	P	P	P	P	P	P	P	-	-
	ERQ140AV1	P	P	-	P	P	P	P	-	-
3~	ERQ125AW1	P	P	P	P	P	P	P	-	-
	ERQ200AW1	P	P	-	-	P	P	P	P	P
	ERQ250AW1	P	P	-	-	-	P	P	P	P

P: Pair: Combination depending on air handling units coils volume.
x: Possibility to connect.

Ventilation				ERQ100AV1	ERQ125AV1	ERQ140AV1
Capacity range			HP	4	5	6
Cooling capacity	Nom.		kW	11.2	14.0	15.5
Heating capacity	Nom.		kW	12.5	16.0	18.0
Power input	Cooling	Nom.	kW	-		
	Heating	Nom.	kW	-		
EER				3.99		3.42
COP				4.56	4.15	3.94
Dimensions	Unit	HeightxWidthxDepth	mm	1,345x900x320		
Weight	Unit		kg	120		
Fan-Air flow rate	Cooling	Nom.	m^3/min	106		
	Heating	Nom.	m^3/min	102	105	
Sound power level	Cooling	Nom.	dBA	66	67	69
Sound pressure level	Cooling	Nom.	dBA	50	51	53
	Heating	Nom.	dBA	52	53	55
Operation range	Cooling	Min./Max.	°CDB	-5/46		
	Heating	Min./Max.	°CWB	-20/15.5		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.9		19.1
	Drain	OD	mm	26x3		
Power supply	Phase/Frequency/Voltage		Hz/V	1N~/50/220-440		

Ventilation				ERQ125AW1	ERQ200AW1	ERQ250AW1
Capacity range			HP	5	8	10
Cooling capacity	Nom.		kW	14.0	22.4	28.0
Heating capacity	Nom.		kW	16.0	25.0	31.5
Power input	Cooling	Nom.	kW	3.52	5.22	7.42
	Heating	Nom.	kW	4.00	5.56	7.70
EER				3.98	4.29	3.77
COP				4.00	4.50	4.09
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x635x765	1,680x930x765	
Weight	Unit		kg	159	187	240
Fan-Air flow rate	Cooling	Nom.	m^3/min	95	171	185
	Heating	Nom.	m^3/min	95	171	185
Sound power level	Nom.		dBA	72	78	
Sound pressure level	Nom.		dBA	54	57	58
Operation range	Cooling	Min./Max.	°CDB	-5/43		
	Heating	Min./Max.	°CWB	-20/15		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.9	19.1	22.2
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/400		

EKEXV

Expansion valve kit for air handling applications

EKEXV140

- The system provides optimized air conditions such as fresh air and humidity control etc. and can be used in small warehouses, showrooms and offices.
- Wide range of units offers maximum application potential and flexible control options
- Control box and expansion valve kit are required for each combination plus an air handling unit
- Both option kits are designed for indoor and outdoor installation and can be wall mounted.

Ventilation				EKEXV50	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250
Dimensions	Unit	HeightxWidthxDepth	mm	401x215x78							
Weight	Unit		kg	2.9							
Sound pressure level	Nom.		dBA	45							
Operation range	Cooling	Min./Max.	°CDB	-5.0/46.0							
	Heating	Min./Max.	°CWB	-/-							
Operation range - on coil temperature	Cooling	Max.	°CDB	35[1]							
	Heating	Min.	°CDB	10[2]							
Refrigerant	Type			R-410A							
Piping connections	Liquid	OD	mm	6.35	9.52						
	Gas	OD	mm	6.35	9.52						

[1] 45% relative humidity
[2] The temperature of the air entering the coil in heating mode can be reduced to -5°CDB. Contact your local dealer for more information

EKEQ

Control box for air handling applications

EKEQFCBV3

- Wide range of units offers maximum application potential and flexible control options
- The system provides optimized air conditions such as fresh air and humidity control etc. and can be used in small warehouses, showrooms and offices.
- Control box and expansion valve kit are required for each combination plus an air handling unit
- Both option kits are designed for indoor and outdoor installation and can be wall mounted.
- Wide offer in control possibilities: control x: room, suction or discharge temperature can be controlled via DDC control (field supplied); control y: control by fixed evaporating temperature; control z: room or suction temperature control via Daikin remote control; remote ON/OFF can be achieved by an optional adapter KRP4A51

Ventilation				EKEQMCB	EKEQDCB	EKEQMCB
Application				Pair	Pair	Multi
Outdoor unit				ERQ	ERQ	VRV®
Dimensions	Unit	HeightxWidthxDepth	mm	132x400x200		
Weight	Unit		kg	3.6	3.9	3.6
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230		

Control possibilities for air handling applications

In order to maximise installation flexibility, 3 types of control systems are offered:

POSSIBILITY X (TD/TR CONTROL):

Air temperature control via an external DDC controller (field supplied)

Room temperature is controlled as a function of the air handling unit suction or discharge air (customer selection). The DDC controller is translating the temperature difference between set point and air suction temperature (or air discharge temperature or room temperature) into a reference voltage (0-10V) which is transferred to the Daikin control box (EKEQFCBA). This reference voltage will be used as the main input value for the compressor frequency control.

POSSIBILITY Y (TE/TC CONTROL):

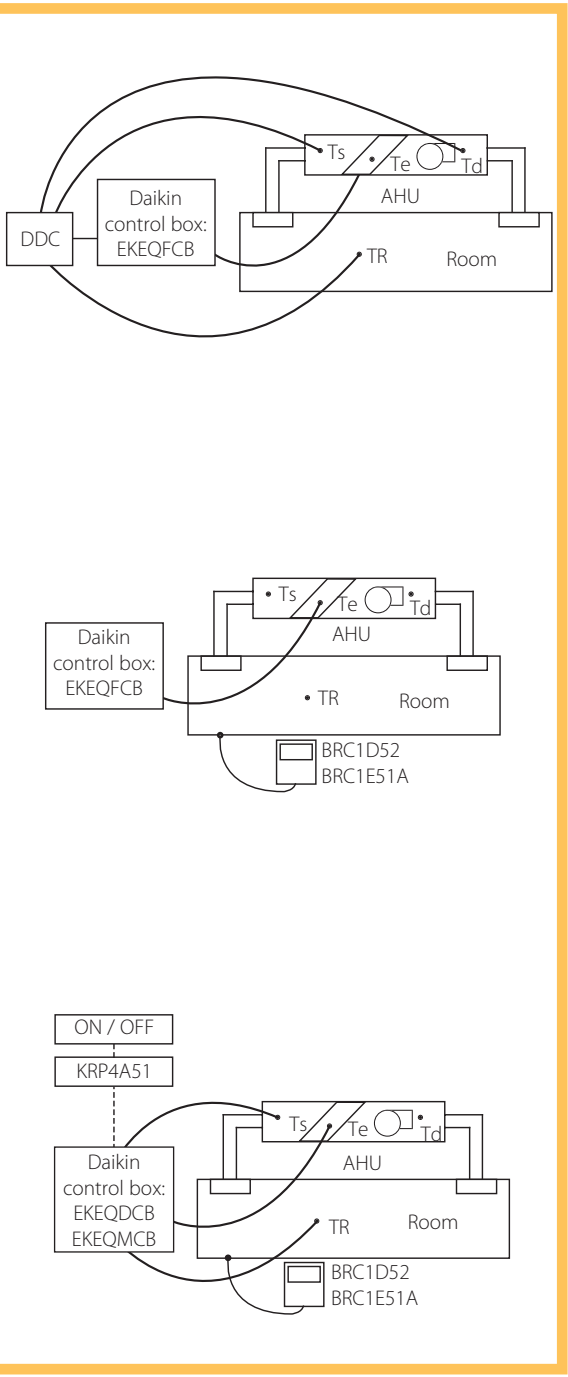
By fixed evaporating temperature

A fixed target evaporating temperature of between 3°C and 8°C can be set by the customer. In this case, room temperature is only indirectly controlled. The cooling load is determined from the actual evaporating temperature (i.e. load to the heat exchanger). A Daikin wired remote controller (BRC1D52 or BRC1E51A - optional) can be connected for error indication.

POSSIBILITY Z (TD/TR CONTROL):

Using Daikin wired remote controller (BRC1D52 or BRC1E51A - optional)

Set point can be fixed via standard Daikin wired remote controller. Remote ON/OFF can be achieved by an optional adapter KRP4A51.
No external DDC controller should be connected. The cooling load is determined from the air suction temperature and set point on the Daikin controller.



Ts = Air suction temperature
Td = Air discharge temperature
Tr = Room temperature
Te = Evaporating temperature
AHU = Air Handling Unit
DDC = Digital Display Controller

	OPTION KIT	FEATURES
Possibility x	EKEQFCB	Field supplied DDC controller is required Temperature control using air suction or air discharge temperature
Possibility y		Using fixed evaporating temperature, no set point can be set using remote controller
Possibility z	EKEQDCB EKFQMCB*	Using Daikin wired remote controller BRC1D52 or BRC1E51A Temperature control using air suction temperature

* EKEQMCB (for 'multi' application)

CAVS/M/L/XL-DK-F/C/R Biddle comfort air curtain

CAVM150DK80FSC

- Connectable to VRV® heat recovery and heat pump
- VRV® is among the first DX systems suitable for connection to air curtains
- A payback period of less then 1.5 years compared to installing an electric air curtain
- Provides virtually free air curtain heating via recovered heat from indoor units in cooling mode[1]
- Easy and quick to install at reduced costs since no additional water systems, boilers and gas connections are required
- All year round comfort ensured by the constant discharge velocity and adjustable jet airflow width (European patent)
- Maximum energy efficiency stemming from almost zero down flow turbulence, optimised air flow and the application of advanced discharge rectifier technology
- Around 85% air separation efficiency, greatly reducing both heat loss and required indoor unit heating capacity

				Small				Medium			
Indoor units				CAVS100DK80*BC/*SC	CAVS150DK80*BC/*SC	CAVS200DK100*BC/*SC	CAVS250DK140*BC/*SC	CAVM100DK80*BC/*SC	CAVM150DK80*BC/*SC	CAVM200DK100*BC/*SC	CAVM250DK140*BC/*SC
Heating capacity	Speed 3		kW	4.8	6.1	7.9	10.9	6.1	7.5	9.7	13.4
	Speed 4		kW	6.0	7.5	9.7	13.3	7.7	9.4	12.1	16.8
Power input	Fan only	Nom.	kW	0.20	0.30	0.40	0.50	0.28	0.42	0.56	0.70
	Heating	Nom.	kW	0.20	0.30	0.40	0.50	0.28	0.42	0.56	0.70
Delta T	Speed 3		K	22	19	18	20	20	17	16	18
	Speed 4		K	20	17	16	18		15	14	16
Casing	Colour			BC:RAL9010 / SC:RAL 9006							
Dimensions	Height	Unit F/C/R	mm	270 / 270 / 270							
	Width	Unit F/C/R	mm	1,123 / 1,000 / 1,048	1,623 / 1,500 / 1,548	2,123 / 2,000 / 2,048	2,623 / 2,500 / 2,548	1,123 / 1,000 / 1,048	1,623 / 1,500 / 1,548	2,123 / 2,000 / 2,048	2,623 / 2,500 / 2,548
	Depth	Unit F/C/R	mm	590 / 821 / 561							
Required ceiling void >			mm	420							
Door height	Favorable/Normal/ Unfavorable conditions		m	2.4 / 2.2/ -				2.8 / 2.5 / 2.2			
Door width	Max.		m	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Weight	Unit	Unit F/C/R	kg	61 / 59 / 61	73 / 83 / 88	89 / 102 / 108	101 / 129 / 137	66 / 68 / 66	79 / 88 / 93	97 / 111 / 117	119 / 136 / 144
Fan-Air flow rate	Heating	Speed 3	m^3/h	670	1,000	1,340	1,670	750 / 890	1,120 / 1,330	1,490 / 1,770	1,870 / 2,215
	Heating	Speed 4	m^3/h	880	1,310	1,750	2,190	890 / 1,230	1,330 / 1,840	1,770 / 2,450	2,220 / 3,060
Sound pressure level	Heating	Speed 3	dBA	36	38	39	40	32 / 37	34 / 39	35 / 40	36 / 41
	Heating	Speed 4	dBA	42	44	45	46	37 / 45	39 / 47	40 / 48	4 / 49
Refrigerant	Type			R-410A							
Piping connections	Liquid (OD) / Gas		mm	9.52 / 16.0			9.52 / 19.0	9.52 / 16.0			9.52 / 19.0
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E51A or BRC1D52)							
Power supply	Voltage		V	230							

				Large				XLarge			
Indoor units				CAVL100DK125*BC/*SC	CAVL150DK200*BC/*SC	CAVL200DK250*BC/*SC	CAVL250DK250*BC/*SC	CAVXL100DK125*BC/*SC	CAVXL150DK200*BC/*SC	CAVXL200DK250*BC/*SC	CAVXL250DK250*BC/*SC
Heating capacity	Speed 3		kW	10.6	15.9	20.3	22.1	12.3	18.6	23.6	25.4
	Speed 4		kW	12.5	18.8	24.0	25.8	14.7	22.0	27.8	29.6
Power input	Fan only	Nom.	kW	0.75	1.13	1.50	1.88	1.40	2.10	2.80	3.50
	Heating	Nom.	kW	0.75	1.13	1.50	1.88	1.40	2.10	2.80	3.50
Delta T	Speed 3		K	18			15	17		16	14
	Speed 4		K	17		16	14	15			12
Casing	Colour			BC:RAL9010 / SC:RAL 9006							
Dimensions	Height	Unit F/C/R	mm	370 / 370 / 370							
	Width	Unit F/C/R	mm	1,123 / 1,000 / 1,048	1,623 / 1,500 / 1,548	2,123 / 2,000 / 2,048	2,623 / 2,500 / 2,548	1,123 / 1,000 / 1,048	1,623 / 1,500 / 1,548	2,123 / 2,000 / 2,048	2,623 / 2,500 / 2,548
	Depth	Unit F/C/R	mm	774 / 1,105 / 745							
Required ceiling void >			mm	520							
Door height	Favorable/Normal/ Unfavorable conditions		m	3.3 / 3.0 / 2.5				3.8 / 3.5 / 3.0			
Door width	Max.		m	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Weight	Unit	Unit F/C/R	kg	83 / 81 / 83	108 / 118 / 141	137 / 151 / 155	166 / 190 / 196	69 / 84 / 86	102 / 123 / 146	130 / 160 / 164	162 / 198 / 204
Fan-Air flow rate	Heating	Speed 3	m^3/h	1,330 / 1,730	2,000 / 2,600	2,670 / 3,470	3,330 / 4,340	1,610 / 2,160	2,420 / 3,250	3,230 / 4,330	4,030 / 5,410
	Heating	Speed 4	m^3/h	1,730 / 2,210	2,600 / 3,320	3,470 / 4,430	4,340 / 5,530	2,160 / 2,800	3,250 / 4,190	4,330 / 5,590	5,410 / 6,990
Sound pressure level	Heating	Speed 3	dBA	40 / 46	42 / 48	43 / 49	44 / 50	46 / 52	48 / 53	49 / 55	50 / 56
	Heating	Speed 4	dBA	45 / 51	47 / 53	48 / 54	49 / 55	51 / 56	53 / 58	54 / 59	55 / 60
Refrigerant	Type			R-410A							
Piping connections	Liquid (OD) / Gas		mm	9.52 / 16.0	9.52 / 19.0	9.52 / 22.0		9.52 / 16.0	9.52 / 19.0	9.52 / 22.0	
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E51A or BRC1D52)							
Power supply	Phase / Frequency / Voltage		Hz / V	230							

[1] in case of connection to a VRV® heat recovery outdoor unit
F: Freehanging model, C: Cassette model, R: Recessed model

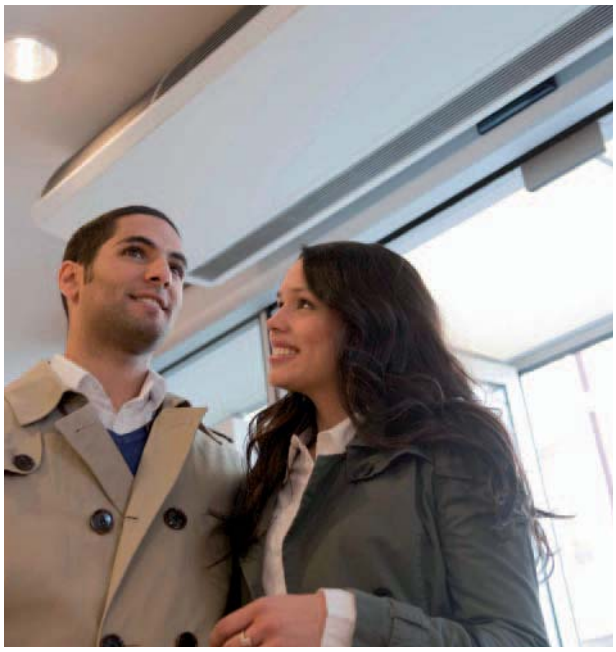
Contact your local dealer for availability

CYQS/M/L-DK-F/C/R

Biddle standard air curtain

CYQM150DK80FSN

- Connectable to ERQ heat pump
- ERQ is among the first DX system suitable for connection to air curtains
- Free-hanging model (F): easy wall mounted installation
- A payback period of less then 1.5 years compared to installing an electric air curtain
- Easy and quick to install at reduced costs since no additional water sytems, boilers and gas connections are required
- Maximum energy efficiency stemming from almost zero down flow turbulence, optimised air flow and the application of advanced discharge rectifier technology
- Around 85% air separation efficiency, greatly reducing both heat loss and required indoor unit heating capacity



				Small			Medium			
Biddle standard air curtain for connection to ERQ				CYQS150DK80F*BN / *SN	CYQS200DK100F*BN / *SN	CYQS250DK140F*BN / *SN	CYQM100DK80F*BN / *SN	CYQM150DK80F*BN / *SN	CYQM200DK100F*BN / *SN	CYQM250DK140F*BN / *SN
Power input	Fan only	Nom.	kW	0.35	0.46	0.58	0.37	0.56	0.75	0.94
	Heating	Nom.	kW	0.35	0.46	0.58	0.37	0.56	0.75	0.94
Delta T	Inlet= room temperature		K	15		16	17	14	13	15
Casing	Colour			BN: RAL9010 / SN: RAL9006			BN: RAL9010 / SN: RAL9006			
Dimensions	Height	Unit F/C/R	mm	270 / 270 / 270			270 / 270 / 270			
	Width	Unit F/C/R	mm	1,500 / 1,500 / 1,548	2,000 / 2,000 / 2,048	2,500 / 2,500 / 2,548	1,000 / 1,000 / 1,048	1,500 / 1,500 / 1,548	2,000 / 2,000 / 2,048	2,500 / 2,500 / 2,548
	Depth	Unit F/C/R	mm	290 / 821 / 561			290 / 821 / 561			
Required ceiling void >			mm	420			420			
Door height	Max.		m	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)
Door width	Max.		m	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Weight	Unit		kg	66	83	107	57	73	94	108
Fan-Air flow rate	Heating		m^3/h	1,746	2,328	2,910	1,605	2,408	3,210	4,013
Sound pressure level	Heating		dBA	49	50	51	50	51	53	54
Refrigerant	Type			R-410A			R-410A			
Piping connections	Liquid (OD) / Gas			9.52 / 16.0		9.52 / 19.0	9.52 / 16.0			9.52 / 19.0
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E51A or BRC1D52)			Daikin wired remote control (BRC1E51A or BRC1D52)			
Power supply	Voltage		V	230			230			

				Large			
Biddle standard air curtain for connection to ERQ				CYQL100DK125F*BN / *SN	CYQL150DK200F*BN / *SN	CYQL200DK250F*BN / *SN	CYQL250DK250F*BN / *SN
Power input	Fan only	Nom.	kW	0.75	1.13	1.50	1.88
	Heating	Nom.	kW	0.75	1.13	1.50	1.88
Delta T	Inlet= room temperature		K	15		14	12
Casing	Colour			BN: RAL9010 / SN: RAL9006			
Dimensions	Height	Unit F/C/R	mm	370 / 370 / 370			
	Width	Unit F/C/R	mm	1,000 / 1,000 / 1,048	1,500 / 1,500 / 1,548	2,000 / 2,000 / 2,048	2,500 / 2,500 / 2,548
	Depth	Unit F/C/R	mm	745 / 745 / 745			
Required ceiling void >			mm	520			
Door height	Max.		m	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)
Door width	Max.		m	1.0	1.5	2.0	2.5
Weight	Unit		kg	76	100	126	157
Fan-Air flow rate	Heating		m^3/h	3,100	4,650	6,200	7,750
Sound pressure level	Heating		dBA	53	54	56	57
Refrigerant	Type			R-410A			
Piping connections	Liquid (OD) / Gas			9.52 / 16.0	9.52 / 16.0	9.52 / 22.0	
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E51A or BRC1D52)			
Power supply	Voltage		V	230			

F: Freehanging model, C: Cassette model, R: Recessed model
(1) Favourable condition | (2) Normal condition | (3) Unfavourable condition

The marine branch office of Daikin Europe N.V., named Daikin Europe N.V. Hamburg Marine Office is located in the heart of one of the biggest harbour towns in the entire Europe.
Through this decision, Daikin Europe N.V. aims to establish a firm basis to further increase its presence in the European Marine A/C market. The portfolio of products are focused on Marine application, such as Daikin - Packaged Marine Air conditioners, Chillers and DX- units in accordance to most of the well known classification societies for which Daikin Europe Hamburg Marine Office is your competent partner.

MARINE TYPES

USDP*GC / USDN*HA Daikin marine type deck units

- Energy saving
- Compact design
- Refrigerants R-404A - R-407C
- Economical maintenance
- Easy installation
- Hermetic scroll compressor
- Minimum piping and field work required
- High performance reliability
- Lesser refrigerant volum with leak proof hermetic structure
- High static pressure fan facilitates the use of long ducts
- Quiet, less vibration operation makes it suitable for installation in accomodation areas

Optional customized modifications:
- Remote controls
- Electrical heater
- Data bus interfaces
- Air plenum or duct connection
- Higher external static pressure
- Cooling water regulating valve
- Higher air volume

USP~HR1 / USP~H Daikin Marine Type Packaged Series

- Excellent durability
- Hermetic scroll compressor
- Light weight design
- Refrigerants: R-404A - R-407C
- Resilient structure specially designed for marine applications
- Abundant modification parts assures various applications
- Wide operation range
- Easy transportation and installation
- Energy-saving
- Complete set of spare parts provided for certain models

Optional customized modifications:
- Remote controls
- Electrical heater
- Data bus interfaces
- Air plenum or duct connection
- Higher external static pressure
- Cooling water regulating valve
- Higher air volume

For more information, visit http://www.daikin.eu/product/industrial/marine

USF*J(A)

Daikin Marine Type Galley Series

- Respond to a wide temperature range
- High efficient operation
- Outstanding durable design
- Easy transportation and installation
- Excellent performance reliability
- Spare parts are provided as standard accessories
- Hermetic scroll compressor
- High static pressure system
- R-404A

Optional customized modifications:

- Remote controls
- Electrical heater
- Data bus interfaces
- Air plenum or duct connection
- Higher external static pressure
- Cooling water regulating valve
- Higher air volume

RHSD~A / RKS~FR

Daikin Marine Type Small Size Condensing Unit

RHSD-A (R-134a):

- A semi-hermetic reciprocating compressor with proven reliability
- Saved maintenance work around compressor (without V belts & shaft seal)

RKS-FR (R-404A):

- An open type reciprocating compressor of optimum design for R-404A
- Equal installation & maintenance as R-22

For more information, visit http://www.daikin.eu/product/industrial/marine