



devatec

HUMIDIFICATION

Rue Feu St Eloi - 76550 Ambrumesnil

SPARE PARTS LIST 2011

EL2S-D/ELMC/CMC/HLK



ELMC2 SERIES MC



January 2011

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Spare parts list - 2011

Electrovap ELMC & EL2S

Spares for cleanable cylinder

Hydraulical part

Photo n°:

CYLINDER MAINTENANCE KITS (for 1 cylinder)



- ① **First opening kit for :** 930000
ELMC 5-8-10-15 for series MC2/HLK KIT MC 5/8/10/15
CMC 1/2/3
EL2S/HLK 5/5-3/7/7-3/9

1 x small cylinder gasket
1 x drain valve 'o' ring



- ② **First opening kit for :** 930001
ELMC 15 for series MC / EL2S 13 to 90
HLK 13-36
HLK KIT MC 15-60
ELMC 20 to 90 for series MC & MC2

1 x large cylinder gasket
1 x drain valve 'o' ring
1 x electrode divider
1 x cylinder strainer



- ③ **Maintenance kit for :** 930002
ELMC5/CMC 1-2-3/EL2S/HLK/HLK KIT MC 5

2 x EL 5 electrode
1 x small cylinder gasket
1 x drain valve 'o' ring
4 x electrode nut
1 x instruction sheet



- ④ **Maintenance kit for :** 930003
ELMC 5- 8-10-15 for series MC2 / EL2S 5-5/3-7-7/3-9
ELMC 5- 8-10 for series MC

3 x EB 13 electrode
1 x small cylinder gasket
1 x drain valve 'o' ring
6 x electrode nut
1 x instruction sheet

Spare parts list - 2011

Electrovap ELMC & EL2S

Spares for cleanable cylinder

Hydraulical part

CYLINDER MAINTENANCE KITS (for 1 cylinder)

Photo n°:



⑤

Maintenance kit for:

930004

ELMC/HLK KIT MC 15 for series MC
EL2S/HLK 13-18-36

- 3 x EL20/90 electrode
- 1 x large cylinder gasket
- 1 x drain valve 'o' ring
- 1 x electrode divider
- 1 x cylinder strainer
- 6 x electrode nut
- 3 x insulatin washer
- 1 x instruction sheet

⑥

Maintenance kit for:

930005

ELMC 20-90 for series MC2 & MC
HLK KIT MC 20-60
EL2S 23-90
HLK 23-36



- 3 x EL 20/90 electrode
- 1 x large cylinder gasket
- 1 x drain valve 'o' ring
- 1 x electrode divider
- 1 x cylinder strainer
- 6 x electrode nut
- 3 x insulatin washer
- 1 x instruction sheet

Complete cylinder

⑦



⑦

DISPOSABLE CYLINDER FOR TAP WATER

- HLK 13 2 HWL electrodes
- ELMC 5 series MC / CMC 1-2-3 & EL2S 5 (2 ph)
- EL2S 7 (2 ph)
- ELMC 5-8-10-15 for series MC2 & EL2S 5-7-9 (3 ph)/HLK 12 1 HWL e
- ELMC 10 single phase for series MC
- ELMC 15 for series MC & EL2S 13/18/36
- ELMC 20-90 for series MC2 & MC & EL2S 23/30/46/60/90

930007
930008
930009
930010
930011
930012
930014

Spare parts list 2011

Electrovap ELMC & EL2S

Complete cylinder

Hydraulical part

Photo n°:

	<p>8 DISPOSABLE CYLINDER FOR SOFTENED WATER</p> <p>HLK 13 2 HWL electrodes 930017 ELMC 5 for series MC / CMC 1-2-3 & EL2S 5 (2 ph) 930018 EL2S 7 (2 ph) 930019 ELMC 5-8-10-15 for series MC2 & EL2S 5-7-9 (3 ph)/ HLK13 1 HWL e 930020 ELMC 15 for series MC & EL2S 13/18/36 930021 ELMC 20-90 for series MC2 & MC & EL2S 23/30/46/60/90 930023</p>
	<p>9 CLEANABLE CYLINDER FOR TAP WATER</p> <p>HLK 13 2 HWL electrodes 930025 ELMC 5 series MC / CMC 1-2-3 & EL2S 5 (2 ph) 930026 EL2S 7 (2 ph) 930027 ELMC 5-8-10-15 for series MC2 & EL2S 5-7-9 (3 ph)/HLK 12 1 HWL e 930028 ELMC 10 single phase for series MC 930029 ELMC 15 for series MC & EL2S 13/18/36 930030 ELMC 20-90 for series MC2 & MC & EL2S 23/30/46/60/90 930032</p>
	<p>10 CLEANABLE CYLINDER FOR SOFTENED WATER</p> <p>HLK 13 1 HWL electrode 930033 HLK 13 2 HWL electrodes 930034 ELMC 5 /CMC 1-2-3 & EL2S 5 (2 ph) 930035 EL2S 7 (2 ph) 930036 ELMC2 5-8-10-15 & EL2S 5-7-9 (3 ph)/ HLK 23 1 HWL electrode 930037 ELMC 15 & EL2S 13/18/36 930038 ELMC2 20-90 & EL2S 23/30/46/60/90 930040</p>
	<p>11 CLEANABLE CYLINDER FOR DEMINERALIZED WATER</p> <p>HLK 13 2 HWL electrodes 930042 ELMC 5 series MC / CMC 1-2-3 & EL2S 5 (2 ph) 930043 EL2S 7 (2 ph) 930044 ELMC 5-8-10-15 for series MC2 & EL2S 5-7-9 (3 ph)/HLK 12 930045 ELMC 10 single phase for series MC 930046 ELMC 15 for series MC & EL2S 13/18/36 930047 ELMC 20-90 for series MC2 & MC & EL2S 23/30/46/60/90 930048 930049</p>

Spare parts price list 2011

Electrovap ELMC & EL2S

VALVES MAINTENANCE KITS

Hydraulic part

**THESE KITS ARE UNDERSTOOD
PER UNIT**



⑬ **VALVES MAINTENANCE KIT 230 V. N° 2**
(CMC1-2-3)

930051

- 1 x water inlet valve N1
- 1 x drain valve
- 2 x clamp
- 1 x drain valve "O" ring
- 2 X drain valve mounting screw
- 1 x instruction sheet



⑭ **VALVES MAINTENANCE KIT 230 V. N° 3**
ELMC/ 5-8-10-15-20-30 series MC2 & MC
EL2S/HLK 13-18-23-30)

930052

- 1 x water inlet valve N2
- 1 x drain valve
- 2 x clamp
- 1 x drain valve "O" ring
- 2 X drain valve mounting screw
- 1 x instruction sheet

Electrovap ELMC & EL2S

Hydraulical part

VALVES MAINTENANCE KITS

Photo n°:



15

VALVES MAINTENANCE KIT 230 V. N° 4
(ELMC/ 40-50-60 & EL2S 36-46-60 series MC2 & MC)

930053

- 1 x water inlet valve N2
- 2 x drain valve
- 3 x clamp
- 2 x drain valve "O" ring
- 4 X drain valve mounting screw
- 1 x instruction sheet



16

VALVES MAINTENANCE KIT 230 V. N° 5
(ELMC/EL2S 90 series MC2 & MC)

930054

- 1 x water inlet valve N4
- 3 x drain valve
- 4 x clamp
- 3 x drain valve "O" ring
- 6 X drain valve mounting screw
- 1 x instruction sheet



17

DRAIN & INLET VALVE POWER SUPPLY CABLE

930055

18

ELMC 5-8-10 series MC & ELMC 5-8-10-15 series MC2 (1 per cylind
ELMC 15 series MC/ ELMC 20-30 series MC2(1 per cylinder)
ELMC 40-50-60 series MC2 & MC(1 per cylinder)
ELMC 90 series MC2 & MC(1 per cylinder)

930015

930056

930057



Spare parts price list 2011

Electrovap ELMC & EL2S

Hydraulic part

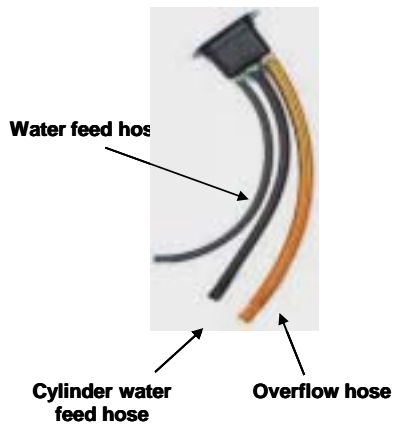
Photo n°:

**COMPLETE FILLING CUP
WITH HOSES FOR ELMC HUMIDIFIER**

- | | | |
|----|---|--------|
| ①9 | ELMC 5 (2 ph) - ELMC2 5-8-10-15(3ph) | 930058 |
| ②0 | ELMC 20-30 series MC2 & MC / ELMC 15 series MC & 10 s | 930059 |
| ②1 | ELMC 40-50-60 SERIES MC2 & MC | 930060 |
| ②2 | ELMC 90 series MC2 & MC(left hand side) | 930061 |
| ②3 | ELMC 90 series MC2 & MC(right hand side) | 930062 |

**COMPLETE FILLING CUP
WITH HOSES FOR EL2S/EL2D HUMIDIFIER**

- | | | |
|----|---------------------------------|--------|
| ①9 | EL2S 5 & 7 (2 ph) - 5-7-9 (3ph) | 930063 |
| ②0 | EL2S 13-18-23-30 | 930064 |
| ②1 | EL2S 36-46-60 | 930065 |
| ②2 | EL2S 90 (left hand side) | 930066 |
| ②3 | EL2S 90 (right hand side) | 930067 |



②4 **COMPLETE FILLING CUP
WITH HOSES FOR HLK 13**

930068



Spare parts price list 2011

Electrovap ELMC & EL2S

Hydraulic part

Photo n°:



TEE UNION FOR CYLINDER FILLING

(1 per unit)

25 ELMC 40-50-60 series MC2 & MC & EL2S 36-46-60 930069

26 ELMC 90 series MC2 & MC & EL2S 90 930070



Y UNION FOR WATER FEED

(1 per unit)

63 ELMC 90 series MC2 & MC & EL2S 90 930071



27 UPPER HALF DRAIN CUP

(1 per cylinder)

ELMC 5- 60 series MC2 & MC /HLK13 & CMC1-4 (left hand side) 930072

ELMC 40-50-60 series MC2 & MC & EL2S 36-46-60 (right hnd side) 930074

ELMC 90 series MC2 & MC (left hand side) 930075

ELMC 90 series MC2 & MC (central) 930076

ELMC 40- 90 series MC2 & MC (right hand side) 930077



28 LOWER HALF DRAIN CUP (ALL MODELS) 930078

(1 per cylinder)

CYLINDER HOLDING SPRING

(1 per cylinder)

29 HLK13 - ELMC 5 - EL2S 5-7 (2 phases) & ELMC 5-8-10-15 series MC2 & ELMC5-8-10 series MC / CM 930079

30 ELMC 10 series MC (1ph)-15 / ELMC 20 to 90 series MC2 EL2S 13-18-23-30-36-46-60-90 930080



CLAMPS (SELLING UNIT OF 10)

31 Clamp for hose ∴ 12/22mm 930081

32 Clamp for hose ∴ 16/27 mm 930082

33 Clamp for hose ∴ 20/32 mm 930083

Clamp for hose ∴ 25/40 mm 930301

Clamp for hose ∴ 40/60 mm 930302



WATER FLEXIBLE HOSE 3/4" FF

34 (ALL MODELS) - (1 per unit) 930084

Spare parts price list 2011

Electrovap ELMC & EL2S

Electrical part

Photo n°:



- 35** **ELECTRODE CABLES KIT N° 1 (per 1 cylinder)**
Set of 3 single electrode cables with socket & boot for :

HLK 5 to HLK 36 (prior to 2004)
HLK KIT MC 5-10-15-20-40 930 085
EL2S/D 5 to 90
ELMC 5-8-10-15-20-40 series MC2 & series MC (software V
CMC 1-2-3



- 36** **ELECTRODE CABLES KIT N° 2 (per 1 cylinder)**
Set of 2 single electrode cables & 1 split electrode cable
with socket & boot for : 930086

HLK KIT MC 30-45-50-60 (software V. 2.15)
ELMC 30-50-60-90 series MC2 & MC (software V. 2.15)



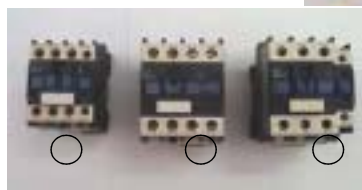
- 37** **MULTIPURPOSE ELECTRODE CABLES KIT N° 3 (for 1 cylinder)**
(for all models and size of humidifiers)
Set of 3 single electrode cables & 1 split electrode cable
with socket & boot 930087

38 bis



- 38** **HIGH WATER LEVEL ELECTRODE KIT**
(wire, socket & boot) (1 per unit)
HLK 13
ELMC 5 (2ph) series MC2 & MC / EL2S 5-7 (2 ph) / CMC 1-13 930088
ELMC 8-10 series MC2 & MC & EL2S 5-7-9
ELMC 10 single ph.-15-20-30 series MC2 & MC & EL2S 13-13
ELMC 40-50-60 series MC2 & MC & EL2S 36-46-60 930089
ELMC 90 series MC2 & MC & EL2S 90 930090
Electrode 930211

38 bis



POWER CONTACTOR

(1 per cylinder)

- 39** ELMC 5 (2ph) series MC2 & MC - CMC 1-2-3 -EL2S 5-7 (2 pha) &
ELMC 8-10-15 series MC2 & MC - EL2S 5/3-7/3-9-13 930091
- 40** ELMC 20-40 series MC2 & MC & EL2S 18-23-36 930207
- 41** ELMC 10 single phase-30 to 90 series MC2 & MC & EL2S 46 930093



DIN RAIL WIRING TERMINAL

- 42** Power terminal (small size) 930094
- 43** Power terminal (large size) 930095
- 44** Earth terminal 930096
- 45** Small connecting terminal 930097



- 46** **BAG OF 10 FUSES (ALL MODELS)**
5X50mA & 5x2A 930098

- 47** **STAND-BYE LIGHT (ALL ELMC MODELS)** 930099

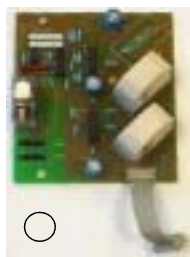
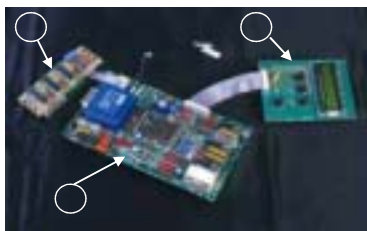
- 48** **ON/OFF SWITCH (ALL ELMC MODELS)** 930100

Spare parts price list 2011

Electrovap ELMC & EL2S

Electronics

Photo n°: **ELMC & CMC ELECTRONIC CIRCUITRY**



- 49** Display board - ref: 500600/03 (all ELMC models) 930101
- 50** CMC 1-2-3 main board - ref. 500100/03 930102
- 50** ELMC series MC2 & MC steam bath 5 to 30 main board - ref 930154
- 51** ELMC series MC2 & MCsteam bath 40-50-60-90 main board 930103

- 52** ELMC 40-50-60 series MC2 & MCmodule - ref: 500300/02 930104
- 53** ELMC 90 series MC2 & MC module - ref: 500300/02 930105

- 54** Remote information board - ref: 500400/02 930106
 (all ELMC series MC2 & MC & CMC models) (spare for replacement only)
- Remote information board - ref: 500400/02+ wires+ terminals 930225
 (all ELMC & CMC models) (for none previously equipment)

- 55** RS485 outlet (all ELMCseries MC2 & MC & CMC models) 930107

- 56** ELMC water leakage detection system 930108
 (all ELMCseries MC2 & MC & CMC models)

- 57** Circuit board for Kit MC5-60 - 24V-COM REF. 500100/03 930110
 Circuit board for Kit MC5-60 - 24V-COM REF. 500101/05



EL2S/EL2D ELECTRONIC CIRCUITRY

- 58** EL2D display board- ref: 125600/2 930113
 (all EL2D models)

- 59** EL2S/D 5 to 30 main board - ref: 125100/2 930114
- 60** EL2S/D 36-46-60 main board - ref: 125100/2 930115
- 61** EL2S/D 90 main board - ref: 125100/2 930116

- 62** 2 steps control board - ref: 125404/2 930117
- 63** 3 steps control board - ref: 125404/2 930118
- 64** 4 steps control board - ref: 125404/2 930119
 (all ELS models)

- 65** Proportional control board -ref: 125400/3 930306
 (all EL2S/D models)

- 66** High water level remote board - ref: 125500 930121
 (all EL2S/D models)



61

62

64

65

Spare parts price list 2011

Electrovap ELMC & EL2S

Accessories

Photo n°:

67) STAINLESS STEEL STEAM PIPE WITH HOLES .: 25mm

ELMC 5-8-10-15 series MC2 & ELMC 5-8-10 & 10 (1 ph.) series MC - CMC 1-2-3 & EL2S 5-7-9-13-18-36

(1 per cylinder)



290mm long pipe	1 05 0518 01601
590mm long pipe	1 05 0518 01602
790mm long pipe	1 05 0518 01603
1000mm long pipe	1 05 0518 01604
1250mm long pipe	1 05 0518 01605
1500mm long pipe	1 05 0518 01606

68) STAINLESS STEEL STEAM PIPE WITH HOLES .: 40mm

ELMC 20-30-40-50-60-90 series MC2 & MC & EL2S23-30-46-60-90

(1 per cylindre)



290mm long pipe	1 05 2330 01604
590mm long pipe	1 05 2330 01605
790mm long pipe	1 05 2330 01606
1000mm long pipe	105 233 001 607
1250mm long pipe	105 233 001 608
1500mm long pipe	105 233 001 610

69) RESTRICTION UNION .: 40/25mm (ALL MODELS)

930128

**70) STAIN. STEEL STEAM HOSE TEE UNION .: 25mm**

ELMC5-8-10-10 single phase & EL2S 5-7-9-13-18-36

930 129

**70) STAIN. STEEL STEAM HOSE TEE UNION .: 40mm**

ELMC20-30-40-50-60-90 1 EL2S23-30-46-60-90

930130

71) STAIN. STEEL STEAM HOSE ELBOW UNION .: 25mm

ELMC5-8-10-10 single phase & EL2S 5-7-9-13-18-36

930131

**71) STAIN. STEEL STEAM HOSE ELBOW UNION .: 40mm**

ELMC20-30-40-50-60-90 & EL2S23-30-46-60-90

930132

72) STAIN. STEEL STEAM HOSE DRAINING TEE .: 25mm

ELMC5-8-10-10 (1 ph.) CMC 1-2-3 & EL2S 5-7-9-13-18-36

930133

**72) STAIN. STEEL STEAM HOSE DRAINING TEE .: 40mm**

ELMC20-30-40-50-60-90 & EL2S23-30-46-60-90

930134

73) WATER FEED HOSE .: 12/17mm

(ALL MODELS) SELLING UNIT OF 10 M.

930135



Spare parts price list 2011

Electrovap ELMC & EL2S

Accessories

Photo n°:

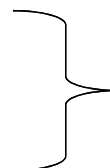
Price per
meter



74 *CYLINDER WATER FEED HOSE .: 19/28mm*

PER SELLING UNIT OF 10 M.

HLK 13
ELMC 5 (single phase)-5-8-10 (3 phases)
ELMC 15-20-30 & 10 (single phase)
EL2S 15-20-30 & 10 single phase
EL2S 13-18-23-30
CMC 1-2-3



930136

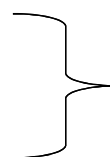


75 *CYLINDER WATER FEED HOSE .: 18/22mm*

PER SELLING UNIT OF 10 M.

ELMC 40-50-60
ELMC 90

EL2S 36-46-60
EL2S 90



930137



76 *OVERFLOW WATER HOSE .: 19/28mm*

(ALL MODELS) PER SELLING UNIT OF 10 M.

930138



77 *STEAM HOSE .: 25mm (per selling unit of 10 m.)*

ELMC 5-8-10-15 series MC2 & ELMC 5-8-10/10 single phase

105051802802



78 *STEAM HOSE .: 40mm (per selling unit of 10 m.)*

ELMC 20-30-40-50-60-90 series MC2 & MC et EL2S23-30-4

1 05 2330 02804



79 *CONDENSATE HOSE .: 8mm (per selling unit of 10 m.)*

(all models)

1 05 0590 02803



MOTOR/FAN ASSEMBLY FOR VENTILATION UNIT

80 *CVMC1*

ELMC 5 (2 phases)-5/3-8-10 1
EL2S 5-7 (2 phases)-5/3-7/3-9

930142

81 *CV2*

ELMC 15-20 1 EL2S 13-18-23

930143



82 *TRANSFORMER 400v/230v*

ELMC 8 to 90- EL2S 5/3 to 90

930144

MINIMUM ORDER VALUE : € 300

COMPLEMENTARY SPARE PARTS LIST 2010

code	designation	per minimum qty
930153	ELMC complete drain valve	50
930161	ELMC drain valve solenoid coil	50
930167	ELMC drain valve o'ring (bag of 10)	100
930189	ELMC inlet valve o'ring (bag of 10)	100
930150	ELMC 5-8-10 complete inlet valve	50
930151	ELMC 15-60 complete inlet valve	50
930152	ELMC 90 complete inlet valve	50
930160	ELMC inlet valve solenoid coil 230v	50
930168	ELMC5-8-10 small size strainer	50
930159	ELMC15-90 large size strainer	50
930162	ELMC 5-10 small cylinder gasket	100
930166	ELMC15-90 large cylinder gasket	100