

ElectroVap MC2



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What will make you prefer the ElectroVap MC2 ? :

- ↓# Easy installation & operation
- ↓# Low maintenance cost
- ↓# Efficiency & durability
- ↓# Wide range of steam capacities & voltages
- ↓# Optimized water consumption
- ↓# Environmentally friendly plastic cylinder.

The ElectroVap MC2 gives you all that you could expect from a modern humidifier !



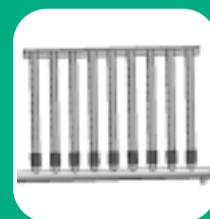
The ElectroVap MC humidifier produces a sterile and mineral free steam. It gives an accurate and reliable control over humidity by accepting 0-10 V, 0-20 V, 4-20 mA, integral or on/off controls.



Easy installation and maintenance at moderate cost. The steam cylinders have to be cleaned or changed regularly depending on the water quality and the steam demand.



A backlit LCD display provides real-time information on what is going on. Pressing the buttons will enable you to navigate easily among the three menus (humidifier configuration, changing unit configuration and humidifier status).



ExpressPack™: this is a multi-tube steam dispersion panel that accepts atmospheric source steam and discharges it into a duct or air handling unit. It allows to shorten the humidification distance in restricted ventilation ducts and AHUs to about 600 mm (24").

Supply (V)	220V - 1 ph				230 V - 1 ph				208V—3 ph				220V—3 ph				230V - 3 ph				Nb CYL
ELMC	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	
5	5	11	17.1	3.8	5	11	16.3	3.75	5	11	9.6	3.78	5	11	9.9	3.8	5	11	9.6	3.78	1
8	-	-	-	-	-	-	-	-	8	18	15.3	6.02	8	18	15.8	6	8	18	15.3	6.02	1
10	10	22	34.2	7.5	10	22	32.7	7.52	10	22	19.1	7.51	10	22	19.7	7.5	10	22	19.1	7.51	1
15-2	-	-	-	-	-	-	-	-	15	33	28.7	11.29	15	33	29.6	11.3	15	33	28.7	11.29	1
20	-	-	-	-	-	-	-	-	20	44	38.2	15.02	20	44	39.5	15	20	44	38.2	15.02	1
25	-	-	-	-	-	-	-	-	25	55	47.8	18.80	25	55	49.3	18.8	25	55	47.8	18.80	1
30	-	-	-	-	-	-	-	-	32	70	62.9	24.74	32	70	63.1	24.1	32	70	62.9	24.74	2
40	-	-	-	-	-	-	-	-	40	88	76.5	30.09	40	88	78.9	30.1	40	88	76.5	30.09	2
50	-	-	-	-	-	-	-	-	50	110	86	33.82	50	110	98.7	37.6	50	110	95.6	37.60	3
60	-	-	-	-	-	-	-	-	60	132	95.6	37.60	60	132	118.4	45.1	60	132	114.7	45.11	3
70	-	-	-	-	-	-	-	-	70	154	114.7	45.11	70	154	138.1	52.6	70	154	133.8	52.62	3

Nb CYL: Number of cylinders

Supply (V)	380V - 3 ph					400V - 3 ph					Nb CYL
ELMC	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	
5	5	11	5.7	3.8	5	11	5.5	3.76	5	11	1
8	8	18	9.1	6	8	18	8.8	6.02	8	18	1
10	10	22	11.4	7.5	10	22	11	7.52	10	22	1
15-2	15	33	17.1	11.3	15	33	16.5	11.29	15	33	1
20	20	44	22.8	15	20	44	22	15.05	20	44	1
30	30	66	34.3	22.6	30	66	33	22.57	30	66	1
30 HC	-	-	-	-	33	73	36.3	24.83	30	66	1
40	40	88	45.7	30.1	40	88	44	30.1	40	88	2
50	50	110	57.1	37.6	50	110	55	37.62	50	110	2
60	60	132	68.5	45.1	60	132	66	45.14	60	132	2
60 HC	-	-	-	-	66	145	72.6	49.66	60	132	2
90	90	198	102.8	67.5	90	198	89.9	67.65	90	198	3
90 HC	-	-	-	-	99	218	108.9	79.49	90	198	3

Supply (V)	415V - 3 ph				440V - 3 ph				460V - 3 ph				480V - 3 ph				575V - 3 ph				600V - 3 ph				690V—3 ph				No of cylinders
ELMC	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	Kg/h	Lbs/h	A	Kw	
5	5	11	5.3	3.76	5	11	5	3.76	5	11	4.8	3.78	5	11	4.6	3.76	5	11	3.8	3.74	5	11	3.7	3.76	5	11	3.2	3.78	1
8	8	18	8.5	6.03	8	18	8	6.02	8	18	7.6	5.98	8	18	7.3	6.02	8	18	6.1	6	8	18	5.9	6.02	8	18	5.1	6.02	1
10	10	22	10.6	7.52	10	22	10	7.52	10	22	9.6	7.55	10	22	9.2	7.52	10	22	7.6	7.47	10	22	7.3	7.52	10	22	6.4	7.55	1
15-2	15	33	15.9	11.28	15	33	15	11.29	15	33	14.3	11.25	15	33	13.7	11.28	15	33	11.5	11.31	15	33	11	11.28	15	33	9.6	11.33	1
20	20	44	21.2	15.04	20	44	20	15.05	20	44	19.1	15.02	20	44	18.3	15.04	20	44	15.3	15.04	20	44	14.7	15.04	20	44	12.7	14.98	1
30	30	66	31.8	22.57	30	66	30	22.57	30	66	28.7	22.58	30	66	27.5	22.56	30	66	22.9	22.52	30	66	22	22.56	30	66	19.1	22.54	1
30 HC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
40	40	88	42.4	30.09	40	88	40	30.10	40	88	38.2	30.05	40	88	36.6	30.08	40	88	30.6	30.09	40	88	29.3	30.08	40	88	25.5	30.09	2
50	50	110	4	37.61	50	110	50	37.62	50	110	47.8	37.6	50	110	45.8	37.59	50	110	38.2	37.56	50	110	36.6	37.59	50	110	31.9	37.64	2
60	60	132	63.6	45.13	60	132	60	45.14	60	132	57.4	45.15	60	132	55	45.11	60	132	45.9	45.13	60	132	44	45.11	60	132	38.2	45.07	2
60 HC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
90	90	198	95.4	67.7	90	198	90	67.72	90	198	86	67.65	90	198	82.4	67.67	90	198	68.8	67.65	90	198	66	67.67	90	198	57.4	67.73	3
90 HC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3

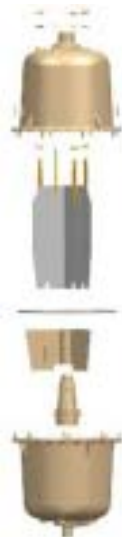
ELMC in 400/3/50-60	Dimensions in mm / in. (L x H x D)	Steam outlet mm / in.	Net weight kg / lbs	Weight in operation kg / lbs
ELMC 5 to 15	475 x 540 x 217 / 18.70 x 21.26 x 8.54	1 x Ø 25 - 1"	15 / 33	23 / 51
ELMC 20 & 30	550 x 680 x 272 / 21.65 x 26.77 x 10.71	1 x Ø 40 - 1.57"	22 / 49	37 / 82
ELMC 40 to 60	845 x 680 x 272 / 33.27 x 26.77 x 10.71	2 x Ø 40 - 1.57"	30 / 66	60 / 132
ELMC 90	1075 x 680 x 272 / 42.32 x 26.77 x 10.71	3 x Ø 40 - 2.57"	45 / 99	90 / 198

Operating range :

- ↓ #Water conductivity between 30 and 1000 µS/cm.
- ↓ #Room temperature between 5°C and 40°C (41-104°F) max , and 80% RH maximum.
- ↓ #Water pressure between 1 & 6 bar (15 to 90 psi) at 40°C (104°F) maximum.
- ↓ #For duct applications up to 150mm (5.9 ") WC.
- ↓ #50 or 60 Hz operating mode.

New cylinder using sustainable materials :

- ↓ #Reinforced polypropylen material for better resistance to shock.
- ↓ #Fitted with plain stainless steel electrode plates easily cleanable
- ↓ #Disposable or cleanable cylinder for hard water - special models for softened waters (TH 0° to 2°) or DI waters (30µS/cm mini).



Accessories :

Stainless steel steam distribution pipes, room blower packs, steam and condensate hoses, humidity sensors and humidistat...

devatec reserves the right to change specifications or design of the equipment described herein without prior notice.

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Optional features :

- ↓ # Remote information board providing feedback on maintenance, general failure and steam production.
- ↓ # RS485 interface board (JBUS or MODBUS protocol) ensuring BMS communication with the humidifier.
- ↓ # Filling cup platform for duct pressures between 150 & 300 mm (5.9 " - 11.8 ") of water column.
- ↓ # Anti-freeze device where the water is kept at 65°C (149°F)
- ↓ # Weather proof cabinet for external installation.
- ↓ # Support legs also available for ground installation
- ↓ # Waste water tank to make humidifier draining easier.



Weather proof cabinets



Waste water tank



Support legs



Blowing packs

Agreements :



LR 94104-2

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