

# ELECTROVAP<sup>®</sup> ELMC

Driven by microprocessor

The ELMC electrode steam humidifier guarantees to bring the relative humidity up to the level you require in AHU or in duct or directly in room.



#### Features :

- Standard capacity up to 90 kg/h
- Cleanable and disposable cylinders
- Available for tap, soft and DI water
- Easy installation and maintenance
- Sterile and free of minerals steam

## Steam humidifier

Versatile, dependable performance, excellent value



# ***ElectroVap<sup>®</sup> MC :*** ***The smarter steam***

Just open the doors of any ElectroVap MC to see all you want from a modern electrode-boiler steam humidifier ! With outputs from 2.5-90 Kg/h, the ElectroVap MC combines performance with simplicity of operation.

## **MICROPROCESSOR CONTROL**

The ElectroVap MC has microprocessor control to provide responsive control over output. An easy-to-read backlit digital display panel shows what the unit is doing at any time. Three menus provide information on real-time humidifier performance, humidifier configuration and the opportunity to change the operating parameters of the unit.

## **EASY TO OPERATE**

The unit is very versatile, accepting all common modulating signals from humidity controllers or building management systems and, for stand-alone situations, there is an integral humidity controller.

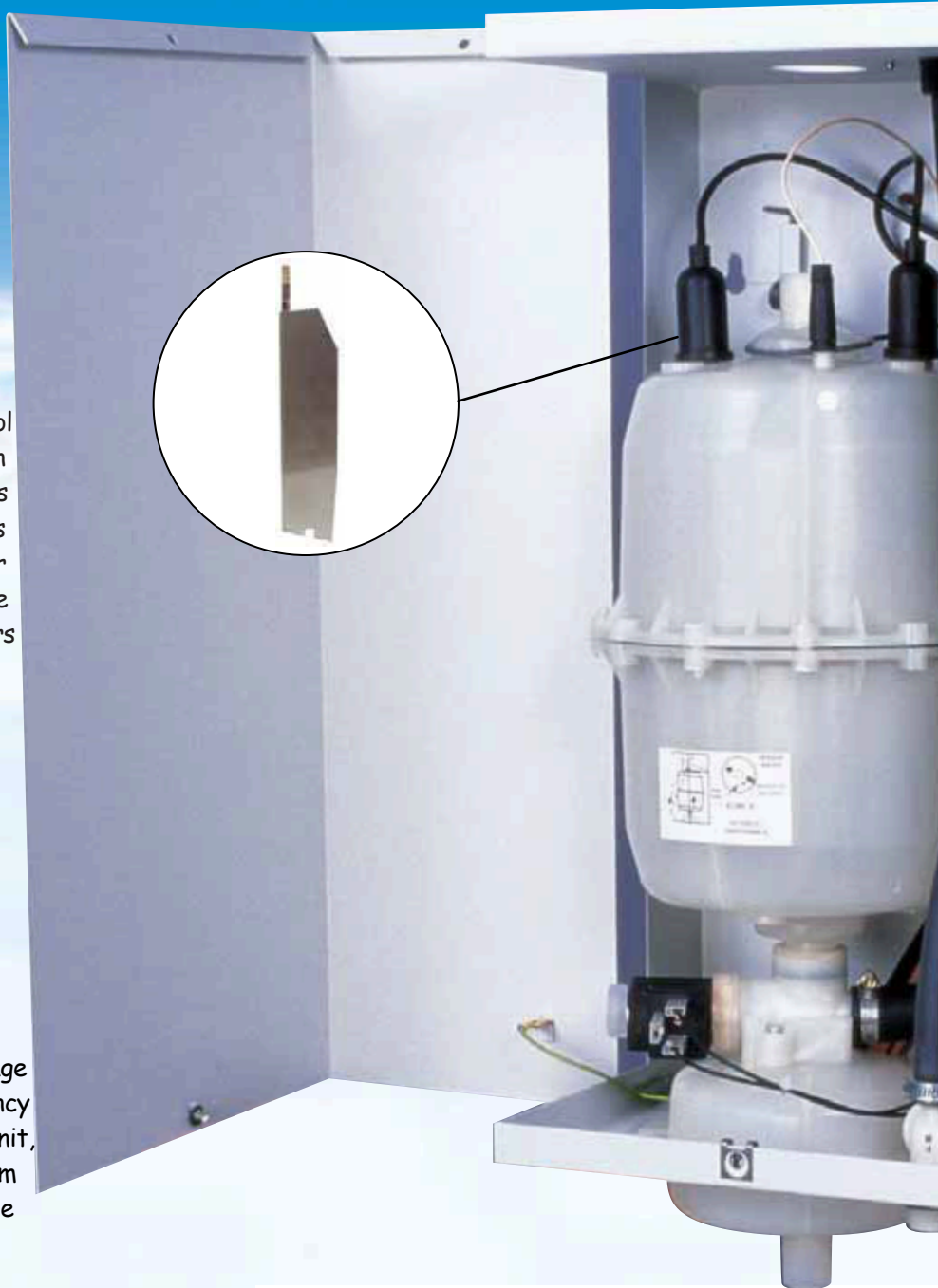
## **EASY MAINTENANCE**

Access is easy to change cylinder when a message displays to do so. Cylinder replacement frequency is depending on water quality. Just drain the unit, remove power supply, separate cylinder from steam hose and outlet valve and then remove the steam cylinder.

## **OPTIONS**

Many options are available making the ELMC humidifier the ideal choice for humidifying.

- Weather proof cabinet
- Remain temperature at 65°C
- Remote information board
- RS485 interface
- Filling cup platform with hoses
- High level safety humidistat
- Leakage water detection



Weather proof cabinet

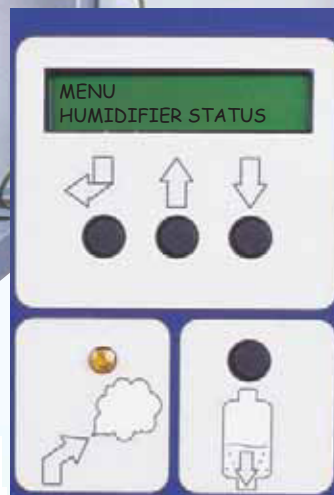


Remote information board



RS485

# humidifier!



## FEATURES

- 2.5-90kg/st/h standard output
- Master/slave systems up to 990kg/h
- Sterile and free of minerals steam
- Durable plain stainless steel electrodes
- Cleanable or disposable cylinders, made with sustainable components.
- Tap, soft water and DI compatible
- Water conductivity from 30-1000 $\mu$ S/cm
- Anti-foaming control
- Automatic change cylinder alert
- Finger-tip programming
- Easy to use LCD readout
- Self-diagnostic electronics
- Epoxy-painted cabinets
- Duct pressure up to 1500Pa
- Two-year warranty
- Automatic drain after inactivity
- ON/OFF or proportional control
- Integral humidity controller or external control
- Different options available
- Frontal access to all components for easy maintenance



Filling cup platform



High level safety hygrometer

Model	Steam capacity (Kg/h)	Power supply (V, ph)	Intensity (A)	Nominal power (kW)	Number of cylinder	Dimensions (W x H x L mm)	Steam outlet (mm)	Dry weight (Kg)	Operating weight (Kg)
<b>ELMC 5</b>	<b>5</b>	<b>230/1</b>	<b>16.3</b>	<b>3.75</b>	<b>1</b>	<b>470x540x215</b>	<b>25</b>	<b>15</b>	<b>23</b>
<b>ELMC 8</b>	<b>8</b>	<b>400/3</b>	<b>8.8</b>	<b>6.02</b>	<b>1</b>	<b>470x540x215</b>	<b>25</b>	<b>15</b>	<b>23</b>
<b>ELMC 10</b>	<b>10</b>	<b>400/3</b>	<b>11</b>	<b>7.52</b>	<b>1</b>	<b>470x540x215</b>	<b>25</b>	<b>15</b>	<b>23</b>
<b>ELMC 15</b>	<b>15</b>	<b>400/3</b>	<b>16.5</b>	<b>11.29</b>	<b>1</b>	<b>545x675x270</b>	<b>25</b>	<b>22</b>	<b>37</b>
<b>ELMC 20</b>	<b>20</b>	<b>400/3</b>	<b>22</b>	<b>15.05</b>	<b>1</b>	<b>545x675x270</b>	<b>40</b>	<b>22</b>	<b>37</b>
<b>ELMC 30</b>	<b>30</b>	<b>400/3</b>	<b>33</b>	<b>22.57</b>	<b>1</b>	<b>545x675x270</b>	<b>40</b>	<b>22</b>	<b>37</b>
<b>ELMC 40</b>	<b>40</b>	<b>400/3</b>	<b>44</b>	<b>30.1</b>	<b>2</b>	<b>840x675x270</b>	<b>40</b>	<b>30</b>	<b>60</b>
<b>ELMC 50</b>	<b>50</b>	<b>400/3</b>	<b>55</b>	<b>37.62</b>	<b>2</b>	<b>840x675x270</b>	<b>40</b>	<b>30</b>	<b>60</b>
<b>ELMC 60</b>	<b>60</b>	<b>400/3</b>	<b>66</b>	<b>45.14</b>	<b>2</b>	<b>840x675x270</b>	<b>40</b>	<b>30</b>	<b>60</b>
<b>ELMC 90</b>	<b>90</b>	<b>400/3</b>	<b>98.6</b>	<b>67.65</b>	<b>3</b>	<b>1070x675x270</b>	<b>40</b>	<b>45</b>	<b>90</b>

## ACCESSORIES

\* for capacities above 90 kg/h, please contact factory



HumidiPack for short distance



Steam Hose



Steam Pipe



ELMC 5 with room ventilation unit

## ELMC Steam Bath System

This a complete solution for steam generation in steam baths.

It includes:

- Perfume
- Disinfectant
- Light
- Steam nozzle
- Temperature sensor
- Control panel



## OTHER devatec's PRODUCTS



ElectroVap RTH with heating elements



Kit OEM



Live steam humidifiers



ElectroVap CMC Compact type humidifier



FogSystem BUS/BV

## ROOM VENTILATION UNIT

Attractive, new, purpose designed ventilation units with auto fan run-on are available for use directly in-room.

ELMC com Rev5 27-12-07

## Homologations

Our units *ELMC* are listed or in conformity with:



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Email: [export@devatec.com](mailto:export@devatec.com)

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