

ELECTROVAP[®] CMC

Driven by microprocessor

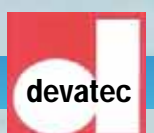


Features

- Capacity from 1 to 4 Kg/h
- ON/OFF or proportionnal
- Cleanable or disposable cylinder
- Easy installation and maintenance
- AHU, Duct or direct discharge

Steam humidifier

Versatile, dependable performance, excellent value



Dry air ? Human discomfort ? Process troubles ?

One solution, humidification:

The ElectroVap CMC is ideal for domestic or industrial applications with little demand of humidity. It produces sterile and free of minerals steam.

With a range from 1 to 4 Kg/h, the CMC combines performances and easy operation.

PRINCIPLE OF OPERATION

The presence of minerals in the water permits an electric current to pass between the stainless steel electrodes in the steam generating cylinder. This produces steam which is delivered to the AHU or to a room fan unit.

MICROPROCESSOR CONTROL

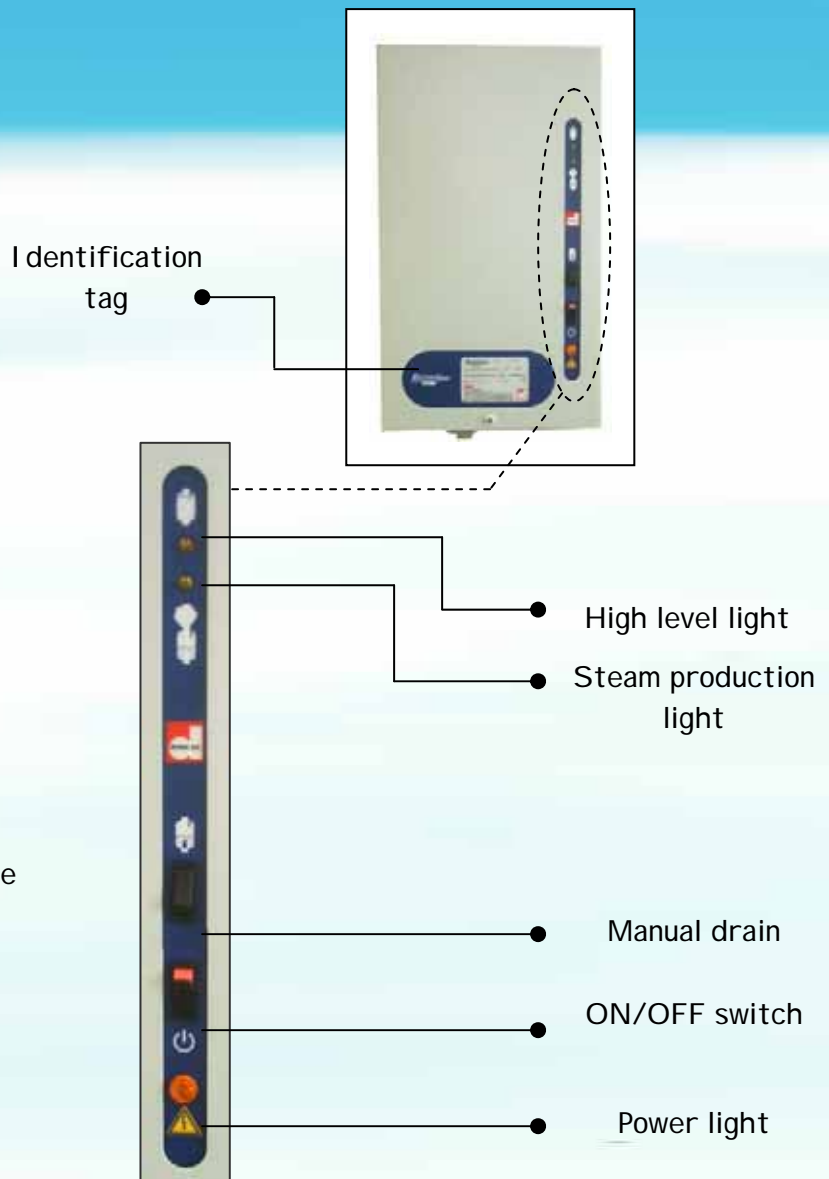
The CMC gives you microprocessor control to provide responsive control over output. The Steam cylinder life is longer and waste is minimised too.

REGULATION

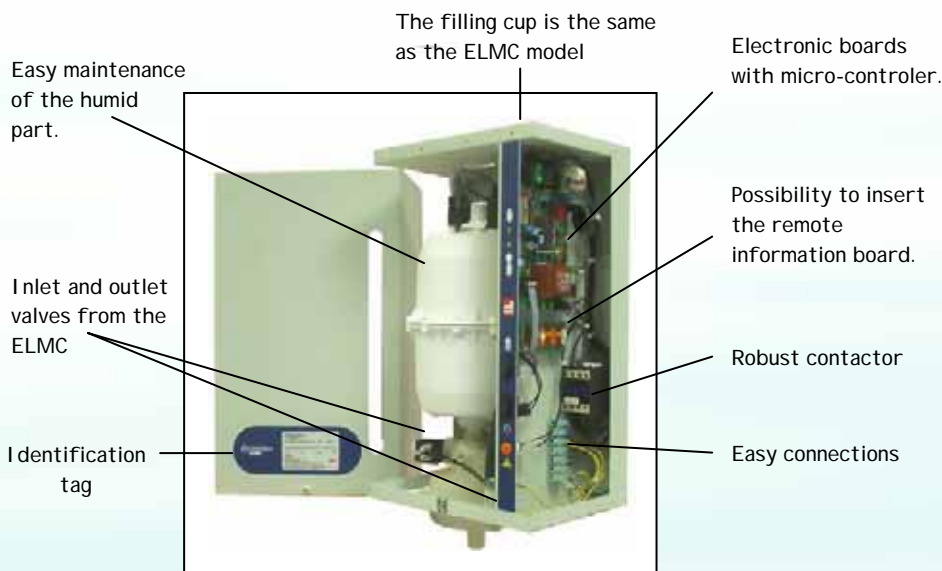
The units are versatile accepting all common modulating signals (1-5V, 0-10V, 2-10V, 0-20V, 4-20mA) or ON/OFF.

EASY INSTALLATION AND MAINTENANCE

The CMC is suited to wall or frame-mounting. It only needs a signal power and water supply. The door removes and goes up easily, the painting resists finger marks, stripes and corrosion.



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)
CMC 1	1	230/1	3.3	0.75	1	295 x 506 x 217	25	10	18
CMC 2	2	230/1	6.5	1.5	1	295 x 506 x 217	25	10	18
CMC 3	3	230/1	9.8	2.3	1	295 x 506 x 217	25	10	18
CMC 4	4	230/1	13	3	1	295 x506 x217	25	10	18



OPERATING CONDITIONS

Water pressure : 1-6 bar
 Water conductivity : 30-1000 $\mu\text{S}/\text{cm}$
 Air pressure in duct: up to 2500 Pa (250mm CE). If over 1000 Pa, the filling cup platform option is required.

OPTIONS

- Maintain temperature at 65°C
- Remote information board
- Filling cup platform
- Leakage water detection inside cabinet
- Interface RS485
- High level safety hygostat

EXAMPLE OF POSSIBLE OPTIONS



Maintain temperature at 65°C



Interface RS485



Filling cup platform

devatec

ACCESSORIES



CMC with room ventilation unit



Steam hose



Steam pipe

OTHER *devatec's* PRODUCTS



Kit OEM



Live steam humidifiers



Fog system /BUS/BV



Steam Bath



Electrovap ELMC

International certification

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

Canada: CSA

USA : UL

Europe : C.E.



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devatec reserves the right to change specification or design of the equipment described in this brochure without prior notice.