



## Steam humidifiers type DC 4

Steam humidifier with electrodes and steam capacity of 4 kg/h for connection on a ventilating system

### Application

- Printing offices
- Computer rooms
- Wine cellars
- Hospitals
- R&D laboratories
- Medical units
- Cold rooms

### Material

- Casing entirely made of PVC

### Specifications

- Integrated clock and PI regulator
- Integrated LCD provides the required information (A, kg/h, measured RH and error codes)
- The integrated electronic control unit provides the required steam power depending on the requested humidity.
- All the standard regulation signals can also be programmed, optional possibility of radiographic measurement
- Delivery of a DC 4 steam humidifier includes:
  - The steam humidifier is mounted in a PVC casing
  - Steam cylinder with replaceable filter
  - 0,5 m condensate drain hose dia 22/29 with clamp
  - 0,6 m flexible for water supply with 3/8" connection
  - mounting kit for wall mounting

### Accessoires

- Steam distributor pipe, type **SPB 22-41**, lengths from 200 up to 1200 mm
- steam nozzle, type **DUSE**, for ducts <250 mm
- Steam hose, type **ST HS 22/29** mm
- Accessories for steam hose, type **BN, TN, MN, CN**
- Condensate drain hose, type **CON HS 8/12** mm

- Automatic room humidistats, type **HR-S / EBERLE 6001** for ON/OFF regulation
- High limit duct humidistats, type **HMH** for ON/OFF regulation
- Pressostat, type **DTV**
- Room humidity sensors, type **HRTN** for electronic regulation 0-10 V
- Duct humidity sensors, type **HTDT-2500 / DHX-G-VAC** for electronic regulation 0-10 V

### Spare parts

- Bobbin valve type **NO AT4-IN** (230 V) 5/8
- Cylinder plug type **CYL-PLUG** for electrical connection of the electrodes

### Text for tender

- The humidity control is assured by steam humidifiers with electrodes and interchangeable steam cylinders and with programmable relay for different messages. The unit is also equipped with a LCD for easy readout of all informations. The unit is also standard equipped to receive all the current regulation signals. The casing is made of PVC to eliminate the risk of corrosion. To assure an easy and quick maintenance there must be a frontal access to all components.

Technical data		
Description	Type	4
Steam capacity	kg/h	4
Steam capacity range	kg/h	0,4-4
Control voltage	V	230
Nominal power	kW	3.1
Phases	number	1
Heating voltage	V	230
Heating current	A	13.46
Unit data		
Steam cylinder	qty	1
Dimensions	width mm	265
	height mm	650
	depth mm	175
Weight (empty)	kg	6.2
Weight operational (max.)	kg	11
Steam distribution pipes		
22- 200 mm	qty	1
22- 350 mm	qty	1
22- 500 mm	qty	1
22- 650 mm	qty	1
22- 800 mm	qty	1
Hoses		
Steam hose Ø 22/29 mm	qty x m	1
Condensate hose Ø 8/12 mm	qty x m	1