

ES EASYSTEAM

ES3-M | ES6-M | ES8-M | ES6
ES12 | ES24 | ES48 | ES100

Electrode steam humidifiers EasySteam ES series is the right choice for a big application variety such as industrial factory, offices, civil environment, museum, Turkish baths, technological or medical environments. EasySteam ES strenght points are the very high performance, the control flexibility and the easiness of installation. Interchangeable cylinder is inserted in the unit and contained in a stainless steel case with removable front cover for permitting the maximum practicality of intervention and maintenance.



HUMIDIFIER APPLICATIONS

- Industrial air conditioning.
- Refrigeration, bakery.
- Wellness.

MAIN FEATURES

- Electrodes steam humidifiers.
- Single-phase power supply versions with steam producing up to 8 kW/h.
- Three-phase power supply versions with steam producing up to 96 kW/h.
- Master/slave humidifiers management (up to 6 units) to reach steam productions up to 288 kW/h.
- Structure entirely of stainless steel and abs plastic.
- Easily interchangeable cylinders with stainless steel electrodes, limestone filter on the bottom, maximum level sensor and connector connections.
- Solenoid valve for water charging.
- Tough and reliable drain pump.
- Available cylinders for low conductivity water (minimum conductivity limit 125 $\mu\text{S}/\text{cm}$, only three-phase).
- Intelligent production function with low conductivity water (all models)
- Arrangement for fan unit power supply.
- Diagnostics for identifying problems or need of maintenance.
- Cold Drain Adapter integrated for the connection of the condensate drain and predisposition for the mounting of the Cold Drain KIT for cooling water discharge. Possible to order humidifiers with Cold Drain KIT already mounted.
- Integrated electronic control configurable in the following ways:
 - External enabling on-off functioning.
 - Proportional mode functioning with integrated humidostat and humidity probe 4-20mA or 0-10V.
 - Proportional mode functioning with external 0-10V signal.
 - Functioning built-in thermostat ON/OFF.
 - BMS control via Modbus.
- Management of second duct humidity probe to avoid condensation in the air duct.
- Large accessories range.





ACCESSORIES AVAILABLE

HUMIDIFIERS EASYSTEAM ES SERIES

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MODEL	ES3-M	ES6-M	ES8-M	ES6	ES12	ES24	ES48	ES100
STEAM PRODUCTION	3 kg/h	6 kg/h	8 kg/h	6 kg/h	12 kg/h	24 kg/h	48 kg/h	96 kg/h
ELECTRICAL POWER SUPPLY	230 Vac 50 Hz / 230 Vac 60 Hz				400 Vac 3/N 50 Hz / 400 Vac 3/N 60 Hz			
POWER	2 kW	4,5 kW	6,5 kW	4,5 kW	9 kW	18 kW	35 kW	71 kW
ABSORPTION	9 A	19 A	29 A	6,5 A	13 A	25 A	51 A	102 A
ELECTRONIC CONTROL	CONSOLLE NANO + MASTER HUM2							CONSOLLE NANO + MASTER HUM2 (X2)
POWER SUPPLY CONTROL	230 Vac 50 Hz / 60 Hz							
STEAM CONNECTOR	1 x 25 mm	1 x 25 mm	1 x 25 mm	1 x 25 mm	1 x 25 mm	1 x 40 mm	2 x 40 mm	4 x 40 mm
NUMBER OF CYLINDERS	1	1	1	1	1	1	2	4
WATER PRESSURE	1 - 10 bar							
LIMITS OF WATER'S HARDNESS	160 - 450 mg/l CaCO ₃							
CONDUCTIVITY OF WATER	250 - 1300 µS/cm							
DIMENSIONS (LxHxP)	430x525x240 mm	430x525x240 mm	430x710x240 mm	430x525x240 mm	430x625x240 mm	430x710x240 mm	660x710x290 mm	525x730x670 mm
EMPTY WEIGHT - WORKING WEIGHT	10 - 12 kg	10 - 13 kg	19 - 37 kg	10 - 13 kg	12 - 18 kg	19 - 37 kg	38 - 74 kg	80 - 160 kg
COLD DRAIN ADAPTER	PRESENT							-
COLD DRAIN KIT	OPTIONAL							-
FAN UNIT	N° 1, OPTIONAL (on board or remote mounting)						N° 2, OPTIONAL (remote mounting)	N° 4, OPTIONAL (remote mounting)



Interchangeable stainless steel electrodes cylinder, Limestone filter and o-ring.



Magnetventil solenoid valve.



Ablaufpumpe Drain pump.



Cold drain adapter.



Integrated configurable control electronic.