



The most advanced humidifier for critical environments

The **Nortec MES2** Electrode Steam Humidifier is designed for internal use in specialty air handling equipment and employs the most advanced technology to reliably maintain humidity for computer rooms, hi-tech, telecommunications, clean rooms and laboratories.



The MES2 humidifier is cost-effective and provides efficient performance

Economy

Unlike other systems that are often difficult and costly to maintain, the MES2 electrode steam system produces pure, uncontaminated moisture with minimal maintenance downtime. There are no heating elements to get coated with mineral deposits and sludge. Any water-borne impurities are deposited in a replaceable cylinder where they are periodically flushed through the automatic drain.

Operating costs are reduced through efficient steam conversion rates and minimal energy losses due to low hot water drain rates. MES2 electrode humidifiers use up to 5 times less water than other technologies.

Precise control

MES2 Series electrode humidifier installations handle the most demanding challenges. Each unit is controlled by its own integral electronics. All MES2 humidifiers have an automatic test routine, self diagnostic functions, and service indication. Continuous self service adjustments ensure the humidifier operates under any condition.

MES2 humidifiers can be configured for simple on/off operation, precise modulating control and can even accept command inputs from a Building Management System via Modbus.

- Produces mineral free, sterile steam
- Quick and easy cylinder replacement
- 98% thermal efficiency
- Adjustable output
- Adjusts to varying potable water conditions



All scale and mineral sediment is deposited into the cylinders which are easily changed and discarded. Cylinder replacement requires no special tools and can be done in a few minutes.

SPECIFICATIONS	05	10	15	20	25	30
Capacity: lbs/hr (kg/hr)	5 (2.3)	10 (4.5)	15 (6.8)	20 (9.1)	25 (11.3)	30 (13.6)
Maximum Input - kW	1.7	3.4	5.1	6.8	8.5	10.2
Voltage	208, 220-240, 277, 380, 440-480, 550-600					
Phase	1	1	1 and 3	1 and 3	3	3
Cylinder	100	200	300	300	400	400

Physical Dimensions*

Depth - in (cm)	6.4 (16.3)		7.9 (20.1)		9.8 (24.9)	
Width (remote electrical) - in (cm)	7.5 (19.0)		8.9 (22.6)		10.3 (26.2)	
Width (attached electrical) - in (cm)	9.8 (24.8)		11.2 (28.4)		12.6 (32)	
Height - in (cm)	12.7 (35.3)	16.8 (42.7)	20.0 (50.8)	20.7 (52.6)		
Net weight – lbs (kg)	10.7 (5.0)	12.4 (5.8)	16.5 (7.8)	20.2 (9.5)		
Full weight – lbs (kg)	14.2 (6.6)	18.4 (8.5)	30.5 (14.2)	43.2 (20.0)		

* Dimensions reflect fully enclosed cabinets. Given weights include attached enclosed electronics.

USA 2700 90th Street, Sturtevant, WI 53177
Canada 2740 Fenton Road, Ottawa, Ontario K1T 3T7
Tel 1.866.667.8321 **Fax** 613.822.7964 **Email** na.info@condair.com
www.condair.com

