

## Ultrasonic Humidifier

Complete system with electronic hygostat.



### **Ideal humidification**

- \* Energy saving about 90% compared to steam humidification
- \* Low noise
- \* Can be controlled externally (0-10V ), proportional regulation
- \* Built-in ozone generator (option)

**Specifications HU-45(OG)**

Transducer frequency	1,7 MHz
Capacity at 25 °C water tank temperature	0 – 3 kg / hour (adjustable)
Transducer lifetime	10.000 hours (13 months continuously)
Measurement per waterparticle	1 – 3 micron
Diameter air outlet	4 x 40 mm or 1 x 80 mm with adapter (not included)
Diameter air inlet	80 mm
Airflow	adjustable (0 – 60 m <sup>3</sup> 0 Pa)
Maximum length	12 mtr
Mains water pressure	1 – 6 BAR
Water connection	¾" external
Maximum water hardness	8° German hardness (demineralised water recommended)
Flushing frequency	once per hour (adjustable)
Water drain outlet	½" external
Watertank contents	650 cm <sup>3</sup>
Mains supply	230V ± 10 % 50 / 60 Hz
Maximum load	250W
Ambient temperature	0 °C to 35 °C
Water temperature	5 °C to 15 °C
Air temperature	-5 °C to 35 °C
Ambient temperature in respect of air temperature	max. + 15K (max. 75 % rH)
Measurements (LxWxH)	325 x 265 x 215 mm
Weight	11,5 kg
Material	stainless steel 316L

**HU-45OG (ozone generator built-in)**

Capacity ozone	0 – 20 mg / hour (adjustable)
Controlling ozone	Timer

**Accessories**

HS-90P	Relative humidity sensor
HK-01	Connection cable and plug for external control (2 meters)
HK-02	Extension cable between the modules (2 meters)
LP-10	Reversed Osmosis unit
DZR-43	Dead zone hygrostat with digital readout for wall mounting
REMCO-12	Remote control
HU-FL80RVS	Adapter from 4 x 40 to 1 x 80 mm