HU1445 Ultrasonic humidifier VAPATRONICS - 100 L/H

The most economical solution for humidification, with 20000 hours of operation without intervention on the device. The most hygienic solution with INOX 316 L, hourly rinsing and demineralised water. The most effective solution with instantaneous evaporation of the mist from 1 to 3 μm.

In the VAPATRONICS atomizer, some ceramics put high frequencies (ultrasonic) in the water which produce some micro-drops at the water surface. The inside fitted fan take out this mist to the outside. Agribusiness industrial product, this atomizer HU1445 run without humidity projections on the floor, with silence.

With the osmosis system and its 316 L stainless steel build, the VAPATRONICS is the assurance of a clean mist, without pollution. The variable and constant output made a very close control unit for process applications for example.

Right for fruit and vegetable displays, wine chais, cigars bank, cold rooms, refrigerates displays, white rooms, biological rooms and all others applications where humidity is important.

General Characteristics

Mist flow 0 to 100 kg/h
Air flow 0 to 4000 m³/h
Drops size 1 to 3 μm
Transducers vibration frequency 1.7 Mhz
Electrical supply 3 x 430 V (Ph+N)  
Cable with plug delivered
Frequency 50-60 Hz
Power rating 8 000 W

Dimensions and Weights:

Deph x high x width 1115 x 1 780 x 950 mm
Weight 400 kg
Outlet air diameter 4 x 200 mm
Inlet air diameter 400 mm

Water and Drain Connections:

Water Connection 2 x 3/4" (20/27)
Drain Outlet 1" (26/34)

Water Supply:

Conductivity 0 - 100 µS/cm
Supply Pressure 1 to 6 bars

Operating Limits:

Ambient Air Temp. 0 - 35 °C
Ambient Humidity No condensing
Water Temp. 5 - 15 °C

Deliver with cable and plug 400V
TEDDINGTON propose some maintenance contracts by return of the unit to our factory, change of the parts wears, test and
cleaning with additional guarantee of one year.

In option, the VAPATRONICS, can be equipped with the accessories following:

- Demineralization of water by reverse osmosis
- Mist pipes and osmosis water tube