Technical data

Model	AUL01	AUL02	...	AUL06
Capacity (lb/h) [kg/h]	2.2lb/h [1.0]	4.4lb/h [2.0]		13.2lb/h [6.0]
Power (W)	110W	220W		660W
Supply voltage (Vac/ph-freq)	100 to 240Vac / 1ph - 50/60Hz	100 to 240Vac / 1ph - 50/60Hz		100 to 240Vac / 1ph - 50/60Hz
Water pressure (PSI) [kPa]	40 to 60PSI [20 to 100]	40 to 60 [20 to 100]		40 to 60 [20 to 100]
Water conductivity (µS.cm)	0 to 1250 max	0 to 1250 max		0 to 1250 max
Nb of module	1	2		6

Modbus · ASHRAE BACnet™ · c(UL)us LISTED · CE · WARRANTY 3 YEARS

Model	Dimensions (in) [cm]				Net Weight (lb) [kg]
	W	**H**	**H2**	**D**	
AUL01	4-3/8in [10.8]	10-1/2in [26.3]	2-1/2in [6.5]	6in [14.8]	3.5lb [1.6]
AUL02	8.6in [21.6]	10-1/2in [26.3]	2-1/2in [6.5]	6in [14.8]	7.0lb [3.2]
AUL06	26-1/4 [64.8]	10-1/2in [26.3]	2-1/2in [6.5]	6in [14.8]	21.0lb [16.0]
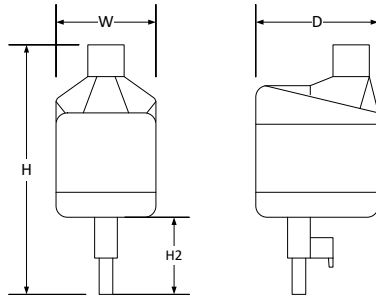
- Modbus RTU connection as standard
- Optional Touch screen controller
- Optional WiFi connectivity

Ultrasonic humidifier AUL01

- Capacity of 2.2lb/h [1.0kg/h] per module producing 0.5µm water mist.
- High accuracy +/-1%RH. & high humidity: up to 96% RH.
- Ideal for humidification at low temperature - up to 32F [0C]
- Modular design and master/slave operation.
- Safe operation with 24Vac power supply and water leakage protection.
- Smallest footprint of the industry
- Modbus RTU remote communication.
- Optional remote controller with touch screen, or WiFi connectivity, or BACnet

Condition: (*) start-up report without non-conformance done by authorized steamOvap local representative.

STEAMOVAP humidity provider

Ultrasonic humidifier AUL01

AUL01 ultrasonic humidifier is nebulizing water into micro particles producing a dry fog that is quickly absorbed by the surrounding air.

AUL01 is a perfect solution for compact and modular ultrasonic humidification. It generates humidity by breaking up the molecules of the water contained in the reservoir and producing mist through the energy transferred by ultrasonic ceramic transducers. The mist (humidity) is introduced into the space via a rigid tube. Ultrasonic humidifiers are best suited for agro-food storage room or refrigerated display and bank, cold room, wine cellar, humidor, or for the humidification of HVAC applications such as fan coils or computer / server room.

AUL01 can accept untreated water, however the use of RO treated water is recommended to avoid the dispersion of fine solid particles contained in tap water.

Versatile applications
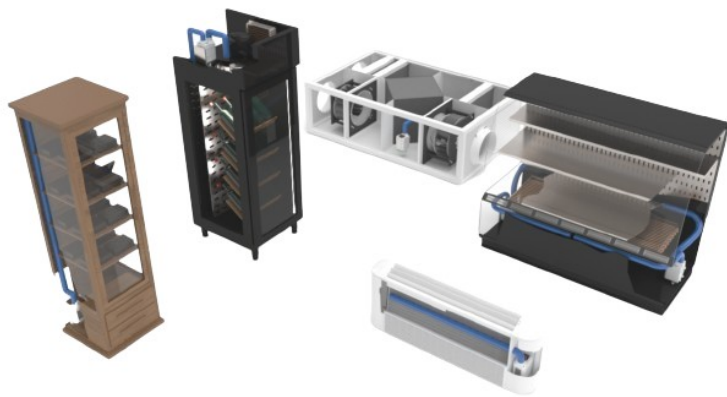
HVAC industry

Server room or data center CRAC

Office or residential small AHU
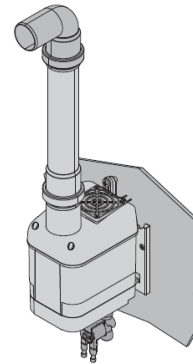
Fan coil integrated humidifier

Retail industry

Vegetables refrigerated counters

Meat or Deli refrigerated counters

Cheese counter

Humidor

Agro food industry

Marijuana growing rooms

Wine cellars

Meat ageing rooms

Direct in space

In direct in-room configuration the **AUL01** humidifiers consists of the following components:

- Ultrasonic module equipped with air circulation fan
- Mist distribution pipe kit that can be easily adapted on site.
- In room RH% sensor
- Optional remote controller.

In duct

For In-duct configuration the **AUL01** (without air circulation fan) will be prepared so it is easy to install on the side of the duct.

- Special air intake and mist distribution piping kit.
- In duct RH% sensor.
- Optional remote controller.
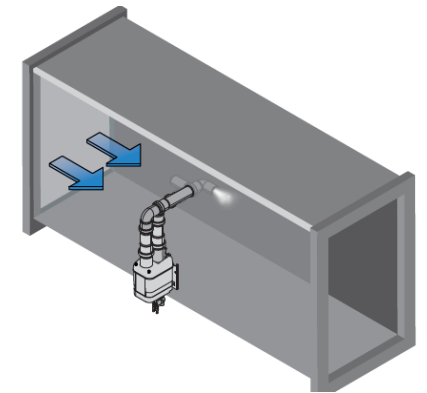
Hygienic

AUL01 is equipped with drain valve.
Automatic and regular drain cycle are performed to ensure that water cannot be stagnant in the tank.

Air inlet is filtered to avoid water contamination from air particles and bacteria.

Unique modular design

AUL01 unique modular design allows to add-on as many ultrasonic modules as you need.

Master & slave connection and operation will then increase capacity of your ultrasonic humidifier.

This modular design does also ensure safe redundancy operation.

WARRANTY 3 YEARS
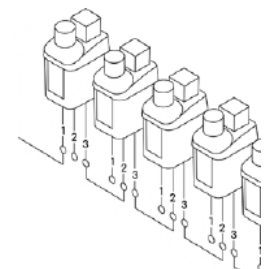
Best warranty of the industry!

If your humidifier installation has been verified and validated (with a start-up report) by one of our authorized representatives.