



Ultrasonic humidifier

FT-F UVSV Series

Available in 2.0 ... 12.0 L/h capacities designed for wide applications from refrigerated storage to clean room.

It prevents the loss of ingredient to keep up the freshness and asset value from moisture loss caused by operating refrigerator.

Comes equipped with germicidal device by UV lamps and a drainage solenoid valve to enhance the hygiene humidification.

Long mist distance.
Easy maintenance.
Meet the wide applications.



Refrigerated storage

UCAN®

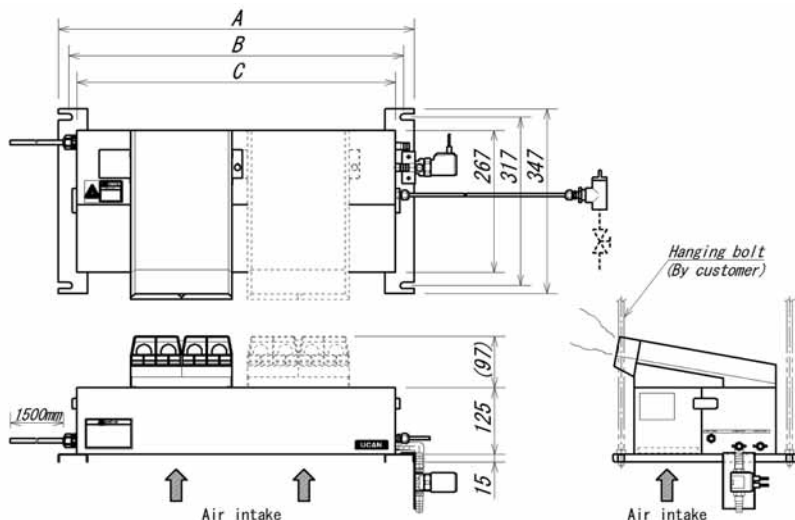
Features

- Evaporative mist lowers the surrounding air temperature, allowing energy-saving humidification in a refrigerated storage.
- Powerful drip-proof air blower to make mist spray long distance.
- User-friendly construction : It can be dismantled without any tool, so easy to clean the water reservoir and air filter.
- Main unit is used by suspending with hanging bolt (by customer) or installing on the wall with mounting bracket (optional part).
- Many optional parts are available : mounting bracket, drainage pan, timer, humidistat, and phase control system, etc.

Applications

- Refrigerated storages for vegetables, fruits
- Low-temperature storages for grains
- Plant germination rooms, plant nurseries, orchid cultures
- Food processing clean rooms
- Storages for cigars, wine cellars, etc

Standard Dimensions(mm) Drawings for CE Compliance, please contact us.



[Measurement]

Model	A	B	C
FT-F45UVSV	440	410	380
FT-F85UVSV	660	630	600
FT-F125UVSV	880	850	820
FT-F165UVSV	1100	1070	1040
FT-F205UVSV	1320	1290	1260
FT-F245UVSV	1540	1510	1480

*Drawing for trans.box, please contact us.

Specification

Model	FT-UVSV	F45	F85	F125	F165	F205	F245
Capacity (L / h)		2.0	4.0	6.0	8.0	10.0	12.0
Power supply		1 φ2W AC230V*					
Power consumption (VA)		175	325	474	624	774	924
No. of oscillators (pcs)		4	8	12	16	20	24
Air volume (m ³ / min) 50 / 60Hz		3.3 / 3.7	6.6 / 7.4	9.9 / 11.1	13.2 / 14.8	16.5/18.5	19.8/22.2
Weight (kg)	Unit	8.1	12.0	15.4	19.3	23.2	27.1
	Trans.box	5.5	8.0	10.0	11.5	15.0	17.5
Water supply system		Automatic water supply system with float switch and water supply solenoid valve					
Water quality		Tap water, Pure water or R.O. treated water (1...20 μS/cm) We recommend pure water to prevent white powder from producing.					
Water supply pressure		0.03...0.5MPa (0.3...5.0 kgf / cm ²)					
Control system		On / Off control, Proportional control (Option)					
Ambient condition		5...40°C (No freezing), Max.90%RH					
Replacement of oscillator		At about every 5,000 cumulative hours of operation					
Safety equipment		Device to prevent waterless operation, Fuse to prevent overcurrent, Thermostat to prevent water overheating (cutoff at 55°C), Surge filter					
Standard accessories		Transformer box (1 pc), Strainer (Rc1/2, 1pc), Water supply tube (φ6.0 L=1000, 1pc), Overflow hose ((φ12 x φ16) L=1000, 1pc), Drainage hose ((φ12 x φ16) L=1000, 1pc), Spare fuse (1pc), Operational manual (1 set)					

* Other power supply types are available on request.

UCAN Technology - Power of UV lamp

Sterilizes the water without harming the human body.

The germicidal ray kills various kinds of bacteria and viruses by directly affecting DNA and RNA and sterilizes the water in the reservoir. Since no chemical substance is used in sterilization, the mist has no effect on the human body.



Your best humidifier of confidence

UCAN® UCAN CO., LTD.

5-6-19 SANDA-CHO, HACHIOJI, TOKYO 193-0832, JAPAN

URL [http : //www.ucan.co.jp/eng/](http://www.ucan.co.jp/eng/)

E-mail : ucan-information@ucan.co.jp

TEL +81-42-665-8846 FAX +81-42-661-3887

Specifications are subject to change without notice.

All UCAN trademarks and trade names are the property of UCAN CO.,LTD.

All other trademarks and trade names are the property of their respective companies.

UCAN humidifier - made in JAPAN

