



**HUMIDITY**  
SOLUTIONS

FT-F85UVSV

***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 products 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.



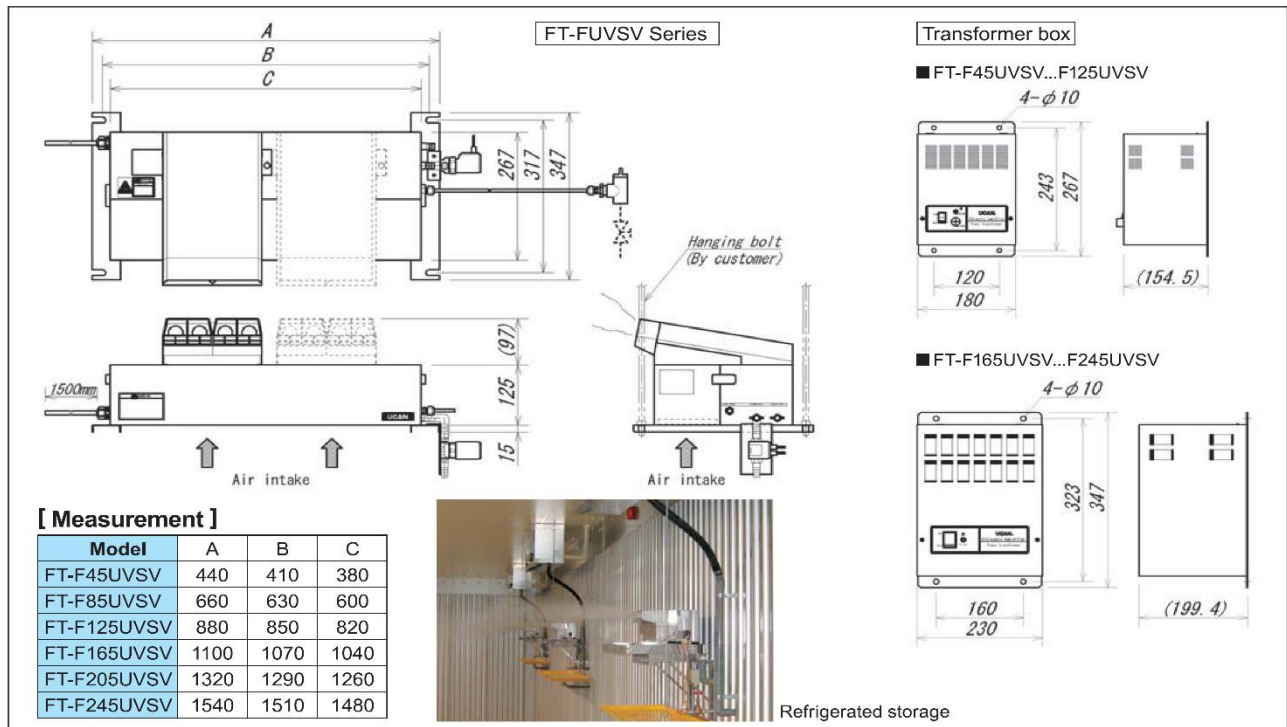
## Features

- 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.



## 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 <sup>3</sup> / 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 <sup>2</sup> )						
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 (φ 6.0 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.



**HUMIDITY SOLUTIONS**

**Telephone:** 01372 571200

**Email:** info@humiditysolutions.co.uk

Humidity Solutions Ltd, Humidity House, 1140a Axis, Cleeve Road, Leatherhead, Surrey, KT22 7ND