



UP-X

PTC steam humidifier

UP-X Series

Compact-sized PTC steam humidifier to set into a duct, a ceiling-installed or a built-in type air conditioners.

Pure water by Reverse Osmosis water device is available. It makes maintenance cycle reduce and prolongs the unit's life.

Easy in-plant assembly into air-conditioning units facilitates installation at a construction work. Gives hygienical, sterilized and odorless steam humidification suitable for human A/C system.

Comfortable.

High safety.

Easy to operate.

UCAN®

Features

- Use of high safety, long life PTC immersion heater.
- 7 models are available according to the steam capacities from
- 0.5 ...7.2 kg/h.
Simple construction hardly cause failure and facilitates the maintenance work.
- It designed compactly that can be used at a small place.
- It operates by interlocking with air conditioner or a signal from the indoor humidistat.

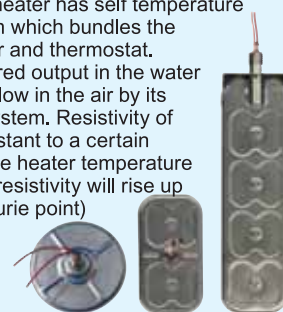
Applications

- For installing into a duct or building into various kinds of air conditioners: Ceiling-mounted duct type, built-into the ceiling type, air-handling units, all-in-one air conditioners, and food processing equipments

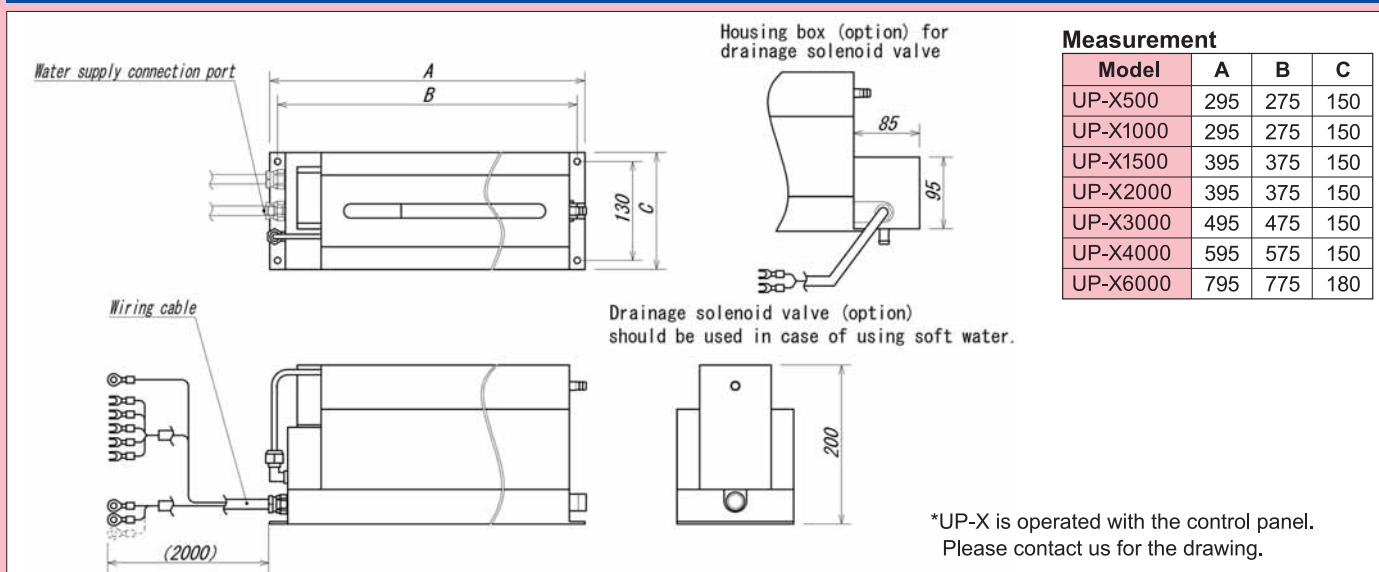
UCAN Technology - Power of PTC immersion heater

No worry about fire breaking out even if in the waterless operation.

PTC immersion heater has self temperature controlled system which bundles the function of heater and thermostat. It has high-powered output in the water but little current flow in the air by its self-controlled system. Resistivity of heater stays constant to a certain temperature, if the heater temperature rises over it, the resistivity will rise up rapidly (reach Curie point) and control the current flow.



Standard Dimensions(mm)



Specifications *CE compatible models are UP-X500...4000.

Model	UP-X500	UP-X1000	UP-X1500	UP-X2000	UP-X3000	UP-X4000	UP-X6000
Capacity (kg / h)	0.5	1.2	1.8	2.4	3.6	4.8	7.2
Power supply	1φ2W AC230V* 50 / 60Hz						3φ3W AC200V* 50 / 60Hz
Rated power (kW)	0.5	1.0	1.5	2.0	3.0	4.0	6.0
Rated current (A)	2.2	4.3	6.5	8.7	13.0	17.0	15.0
Water quality	Pure water, R.O. treated water (1...20μS/cm), Soft water						
Water supply system	Automatic water supply system with float sensor and water supply solenoid valve						
Water supply pressure	0.03...0.5MPa (0.3...5.0 kgf / cm ²)						
Weight (kg)	7.2	7.5	9.7	10.0	12.5	15.0	20.0
Unit	1.5						3.0
Control panel							
Ambient condition	[Temperature] Main unit : 1...40°C (No freezing), Control panel : Max.40°C [Relative humidity] Max.90%RH						
Control System	On / Off control						
Safety equipment	Limit switch to preclude waterless operations, Water supply shut-off valve (double-barreled solenoid valve) and External alarm to be activated if overflows. UP-X500...2000 fitted with a circuit protector in the power supply circuit, UP-X3000...6000 fitted with a protective fuse in the control circuit						
Standard accessories	Strainer (Rc1/2, 1pc), Water supply copper pipe (φ6.35 flare L=1000, 1pc), Operational manual (1 set)						

*Other power supply types are available on request.

Your best humidifier of confidence

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REGISTERED ORGANIZATION
No.1524-ISO9001
No.E2094-ISO14001



MS
CM002

UCAN humidifier - made in JAPAN