



PTC Steam humidifier

JA1-500W

JA1-W Series

PTC steam humidifier for installed into cassette type A/C, available 0.6...2.4 kg/h steam outputs. It operates by on/off control through the interlocked system with air conditioner or the signal from the indoor humidity sensor.

This model can be installed on the side of an cassette type A/C unit with brackets or be hung from the ceiling independently with only its nozzles inserted into an air conditioner.

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

Gives hygienical, sterilized and odorless steam humidification suitable for human A/C system.

Comfortable.

High safety.

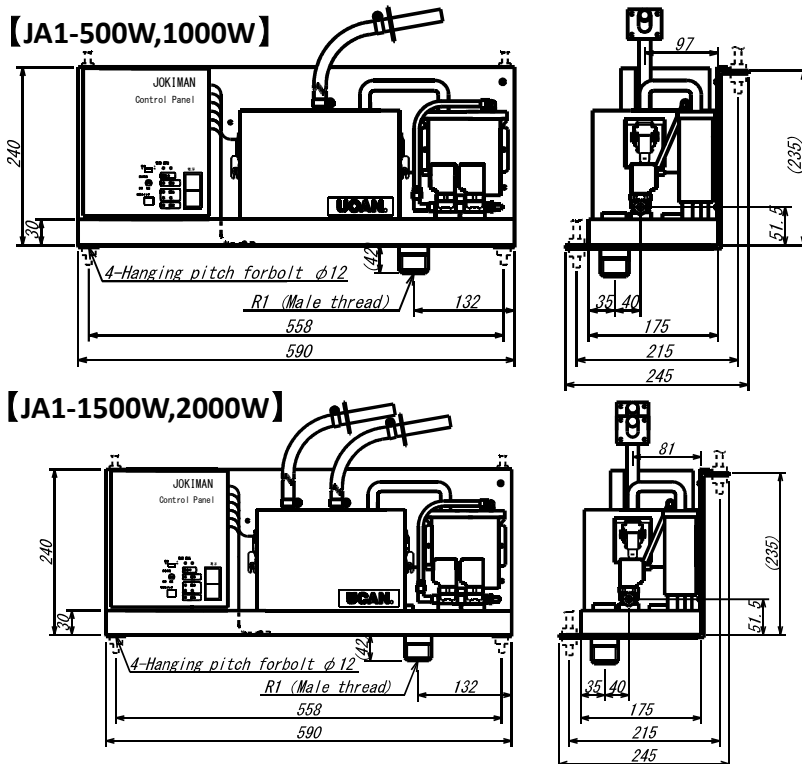
Easy to operate.

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FEATURES

- High safety, long life PTC immersion heaters are used.
- Use of purified water makes maintenance cycle reduce. It produces less scale.
- Design based on fail-safe concept, such as a water leakage sensor, an overflow sensor, a water supply shut-off valve to prevent abnormality of water level, etc.
- Possible to trace signals externally. Equipped with an LED indicator to show a trouble spot.
- It interlocks humidifier with humidity sensor. One humidity sensor can control from one to a multiple number of humidifier units(maximum 10).

STANDARD DIMENSIONS(mm)



SPECIFICATIONS

Model	JA1-500W	JA1-1000W	JA1-1500W	JA1-2000W
Steam output (kg/h)	0.6	1.2	1.8	2.4
Power supply	1 φ 2W AC230V* 50/60 Hz			
Rated power (kW)	0.5	1.0	1.5	2.0
Water quality	Purified water, R.O. treated water (1~20 μ S/cm)			
Water supply system	0.03...0.3MPa (0.3...3.0 kgf/cm ²)			
Water supply pressure	Automatic water supply system by float switch and water supply solenoid valve			
Operating weight (kg)	11.5	12.3	13.4	13.7
Ambient Condition	0...40°C (No freezing), Max.85%RH			
Control System	On/Off control , Proportional control (Option)			
LED indicator lamp	Power supply, Operation, Water supply, Depletion of water (2 points), Over flow(4 points), Water leakage(2points)			
External signal	Operation, Blanket warning(Depletion of water, Overflow, Water leakage), Water stoppage			
Safety equipment	Water leakage sensor, Overflow sensor, Device to waterless operation, Circuit protector, Water supply shut-off valve			

* Other power supply types can be available on request.

APPLICATIONS

- For use with various kinds of air conditioners installed in the ceiling such as cassette type ceiling air conditioners.
- Built-in ceiling ducts, etc.

For Air conditioning manufacturer—
UCAN ties up with you to produce Air conditioner with humidifier.

JA1-W series can be mounted on to your installed-into ceiling type A/C to be released. For choosing the appropriate steam nozzle and the right position to the A/C, we refer you to us, UCAN.

We ship out the product after the strictly final test.

In the commissioning, under the set of temperature and humidity condition we check if there is no dew condensation at the steam outlet port, the steam is fully-saturated, the control system functions normally or not and so on.

All construction works that this product installs inside into the ceiling must be followed according to each local regulations involved.



JA1-500W attached to a cassette-type A/C

UCAN Technology

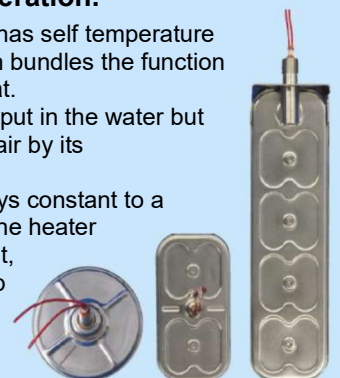
-Power of PTC immersion heater

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.



Specifications are subject to change without notice.

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Your Best Humidifier of Confidence

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