

PTC Steam Humidifier

UC-TJ1000N ^{CE}



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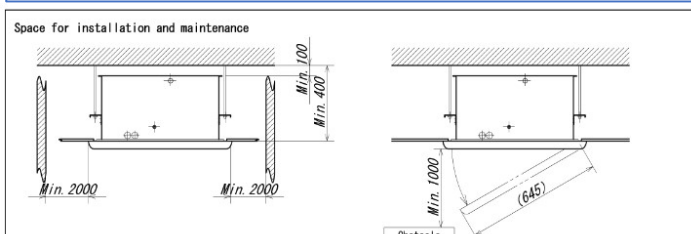
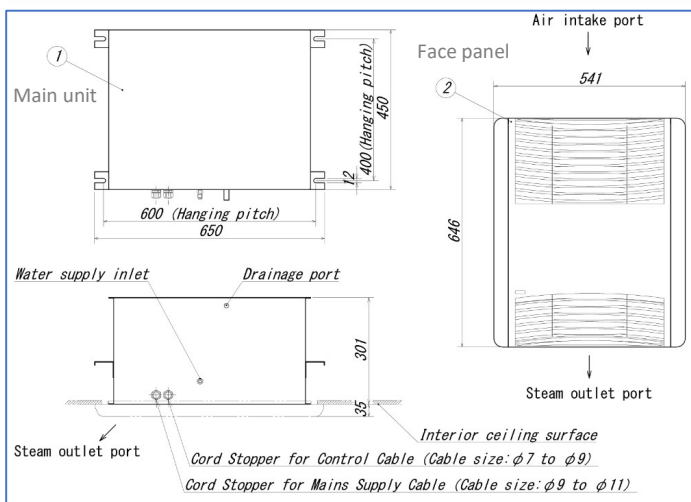


Ceiling-installed cassette type PTC steam humidifier, unique in the world.
 Gives hygienical, sterilized and odorless steam humidification suitable for human A/C systems.
 Generates steam effectively that spreads through the whole room.
 Air purifier by nanoe™ technology.

What is nanoe™ ?

A nanoe™ is a fine (5 to 20nm) and weak acidic water particle with a reactive substance and an electric charge.

Standard Dimensions (mm)



Features

- High safety, long life PTC immersion heaters are used.
- Only our PTC steam humidifier in the world can be set in a ceiling.
- For independently direct room interior humidification.
- Direct humidifying type makes effective humidification possible.
- Ceiling-mounted cassette-type design preserves space and appearance.
- Clean, hygienic and comfortable steam humidification by boiling water.
- R.O water should be used. No need for drainage system.
- Interlocking system with humidistat and control switch is available.
- Plural number of units can be controlled by one remote controller.
- Air purifier by nanoe™ technology

PTC immersion heater (UCAN's Technology)

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

Model	UC-TJ1000N
Steam output(kg/h)	Low : 0.5 High : 1.1
Power supply	1φ-2W AC230V 50 / 60 Hz
Rated power(kW)	Low: 1.1 High: 2.1
Rated current(A)	Low: 6.0 High: 11.0
Air volume (m3/h)	120.0 ... 240.0
Weight (Kg)	Dry : 27.0 Operating : 30.0
Water quality	Pure water, R.O. treated water (1...20uS/cm)
Water supply system	Automatic water supply system with float sensor and water supply solenoid valve
Water supply pressure	0.03...0.3MPa (0.3...3.0kgf/cm ²)
Control System	On/Off control
LED indicator lamp	Power supply, Operation, Abnormal alarm
External signal	Operation, Blanket warning (Depletion of water, Overflow, Leakage, Overheat)
Safety equipment	Device to prevent waterless operation, Water supply shutoff valve, Overflow sensor, Circuit breaker, Water leakage sensor, Thermostat for overheat protection
Standard accessories	Strainer (Rc1/2, 1pc), Water supply copper pipe (φ6.35 flare L=1000, 1pc), Operation & Installation Manual

Applications

- Hospitals ● Elder care facilities ● Schools
- Office buildings ● Public buildings
- Hotels ● Commerce facilities, etc