

Product data sheet

Specifications



Fan heater , PTC thermal element ,
950-1050W , 230VAC 50/60Hz , CE
RoHS , IP20

Model number: JRQFS1000BAT

Order number: 2020.019

Technical Parameters

Operating Voltage:	230VAC 50/60Hz
Heating Element:	PTC
Heat Output:	950-1050W
Ball Bearing Axial Fan:	AC: 220V-240V 50Hz/60Hz
Air Flow(Free Blowing):	160m ³ /h
Temperature Safety Protection:	Protects against fan failure due to overheating, with automatic restart.
Inrush Current:	Max. 13A
Operating Current:	3.4A
Air Outlet Temperature:	≤150°C
Safety Certifications:	CE RoHS
Protection Class:	IP20
Electrical Connection:	Compatible with standard cable wires of 0.5-2.5mm ²

Installation Requirements:	Vertical air flow (air outlet upward), or other methods, or M6 screw mounting 35mm rail mounting, compliant with EN60715.
Storage Temperature:	-45°C~+85°C
Storage Humidity:	<90%RH
Operating Temperature (Non-Condensing):	-45°C~+70°C

Materials

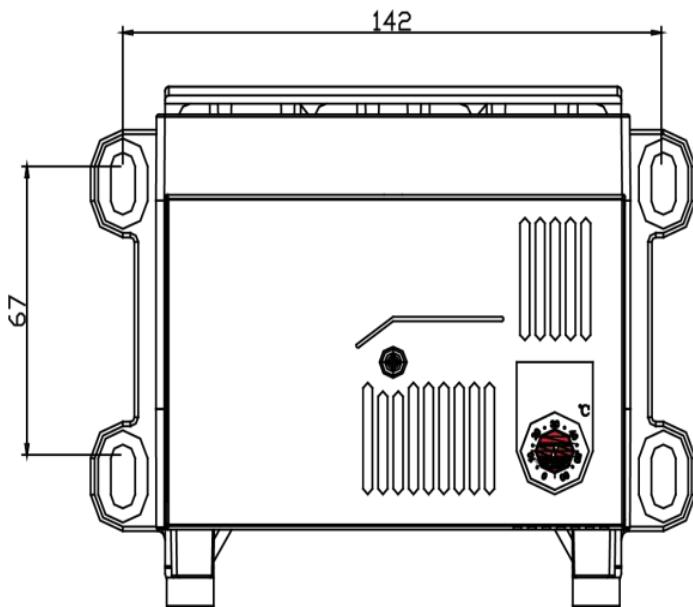
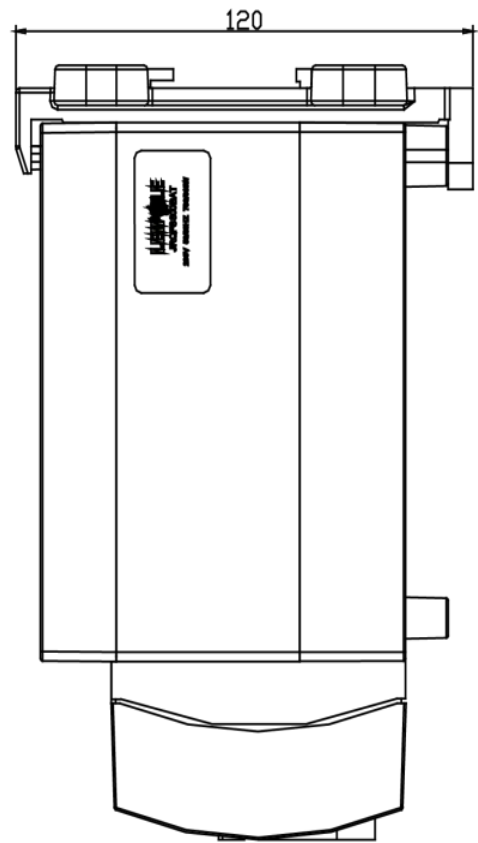
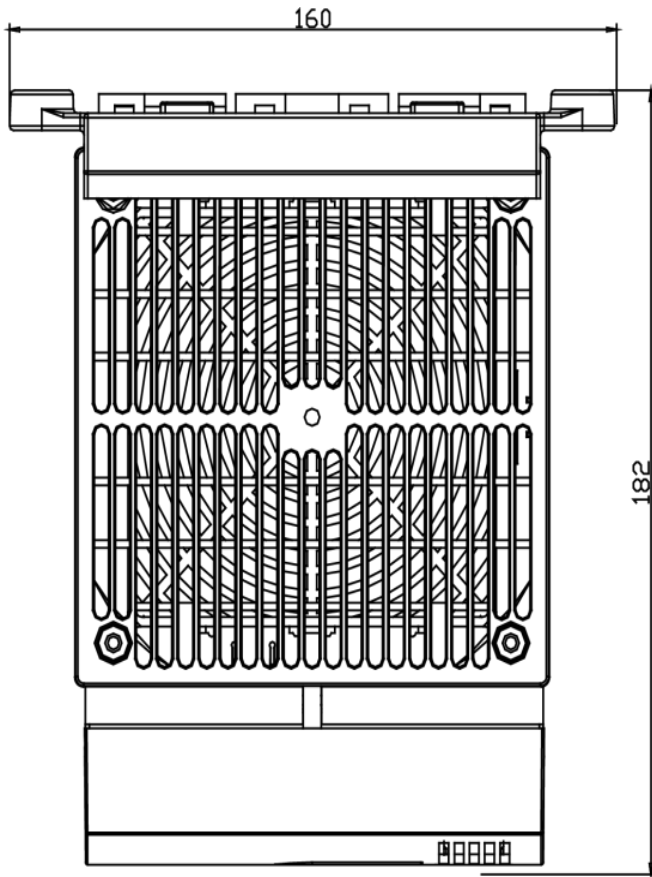
Heater Enclosure:	PA66
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Product Description

This model heater has the following features:

1. It is a high-performance, wide-temperature-range condensation prevention device, particularly suitable for operation in harsh temperature environments. With an operating temperature range of -40°C to +70°C, it effectively prevents internal condensation caused by temperature changes, ensuring uniform distribution of air temperature inside the enclosures of electrical/electronic equipment. This provides a stable operating environment and avoids equipment failures or performance degradation due to moisture or low temperatures.
2. The product is equipped with a fan featuring a ball bearing design, which offers low friction, high efficiency, and long service life. Even under extreme conditions, it ensures continuous and stable fan operation with low noise and minimal vibration, enhancing the overall durability and reliability of the fan heater.
3. The product uses internal terminal connectors for wiring and installation. This design not only simplifies the installation process and improves assembly efficiency but also ensures safer and more reliable operation of the equipment, facilitating maintenance and replacement tasks. In summary, this fan heater provides an efficient and long-lasting solution for various industrial applications requiring strict temperature control and condensation prevention.

Product drawings



The circuit schematic is as follows:

