

Product data sheet

Specifications



Fan heater , Heating tube , PTC
Temperature Limiter , 230VAC
50/60Hz , CE RoHS , IP20

Model number: JRQFM300BAP

Order number: 2020.024

Technical Parameters

Operating Voltage:	230VAC 50/60Hz
Heating Element:	Heating Tube
Heat Output:	300W
Ball Bearing Axial Fan:	AC: 220V/240V 50Hz/60Hz
Air Flow:	95.0m ³ /h
Starting Current:	Max. 2.8A
Operating Current:	1.4A
Rated Operating Temperature:	135°C
Temperature Safety Protection:	Protects against fan failure due to overheating, with automatic restart
Safety Certifications:	CE RoHS
Protection Class:	IP20
Electrical Connection:	Compatible with standard cable wires of 0.5-2.5mm ²

Installation Requirements:	Fixed with M6 screws
Storage Temperature:	-40°C~+70°C
Storage Humidity:	<90%RH
Operating Temperature (Non-Condensing):	-40°C~+50°C

Materials

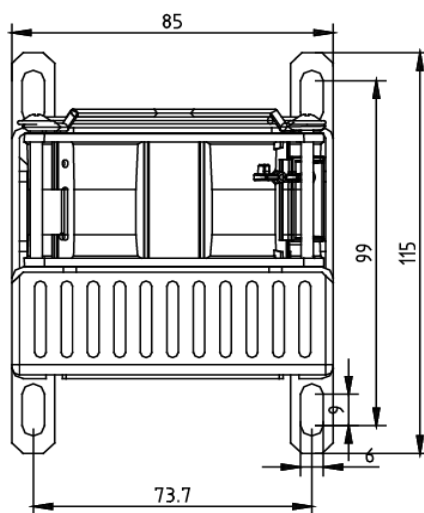
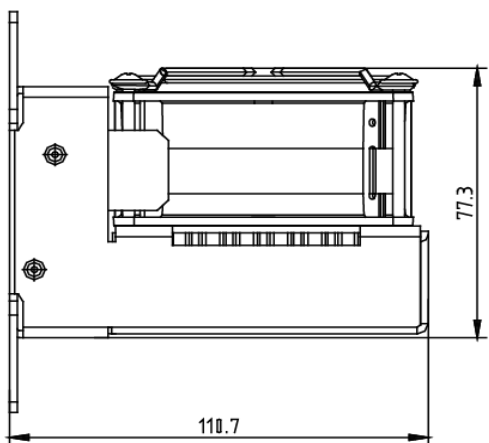
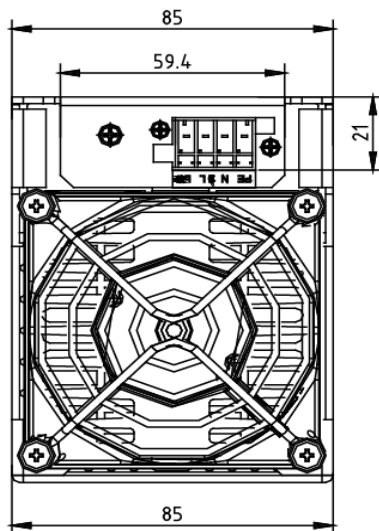
Terminal Block:	PA66
Heater Body:	Cast Aluminum
Protective Cover and Bracket:	A3 Nickel-plated

Product Description

This model heater has the following features:

1. This fan heater is designed for operation under extreme temperature conditions (-40°C to +70°C), strictly complying with EU standards EN 60068-2-6, 60068-2-27, and 60068-2-29 to ensure its reliability and durability in harsh environments. It is particularly suitable for electronic and electrical components in power distribution cabinets requiring condensation prevention and uniform internal temperature maintenance.
2. The product is equipped with a built-in ball bearing fan, which effectively reduces operational resistance and friction, thereby enhancing the fan's efficiency and service life. Additionally, the heater features a compact design with a sophisticated internal structure and integrated connectors, maximizing space savings and enabling smooth deployment in narrow or complex enclosures of electrical equipment.
3. With its excellent condensation prevention function, precise temperature control capability, and compact, long-lasting design, this fan heater provides an ideal temperature control solution for power distribution cabinets in various harsh environments. It protects electronic/electrical components from temperature fluctuations and moisture, ensuring their stable and efficient operation.

Product drawings



Power curve chart

