

# Product data sheet

## Specifications



Heater , PTC , Ball axial fan , 230VAC  
50/60Hz , CE RoHS , IP20

Model number: JRQ400

Order number: 2020.027

## Technical Parameters

Operating Voltage:	230VAC 50/60Hz
Heating Element:	PTC
Heat Output:	380~420W
Ball Bearing Axial Fan:	AC:45m <sup>3</sup> /h(50Hz) 54m <sup>3</sup> /h(60Hz)
Leakage Current:	Max 0.05mA
Inrush Current:	Max 2A
Operating Current:	1.75~1.79A
Air Outlet Temperature:	Max 125°C
Housing Temperature Resistance:	Max 160°C
Safety Certifications:	CE RoHS
Protection Class:	IP20
Electrical Connection:	R200: 3×0.75mm <sup>2</sup> cable standard wire 0.5-2.5mm <sup>2</sup>
Installation Requirement:	Vertical

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Storage Temperature:	-45°C~+80°C
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Operating Temperature:	-40°C~+75°C
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Rail Thickness:	1.1mm
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## Materials

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Terminal Block:	PA66
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Housing Material:	PPS+30%GF-FR
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Rail:	Aluminum Alloy
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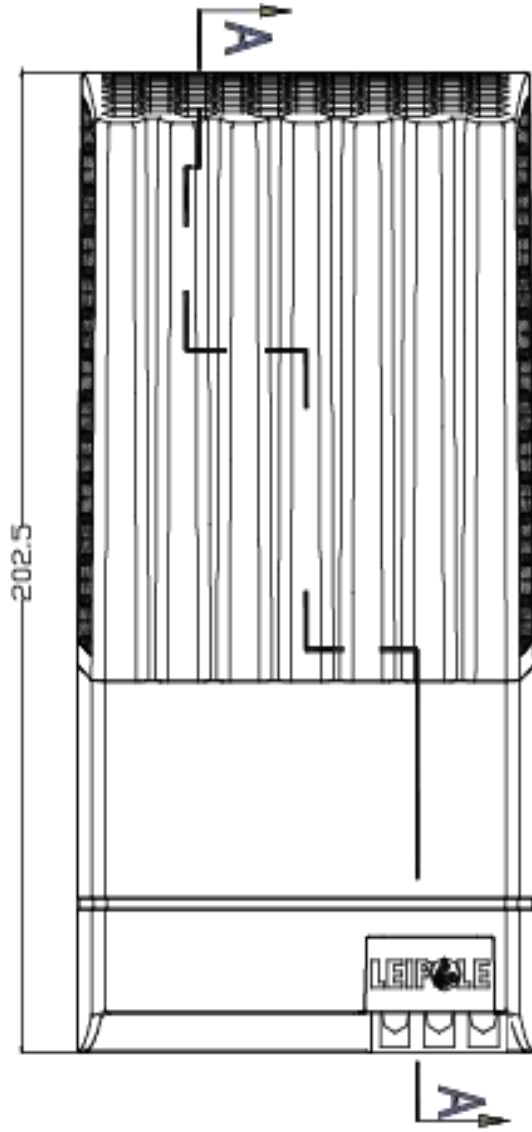
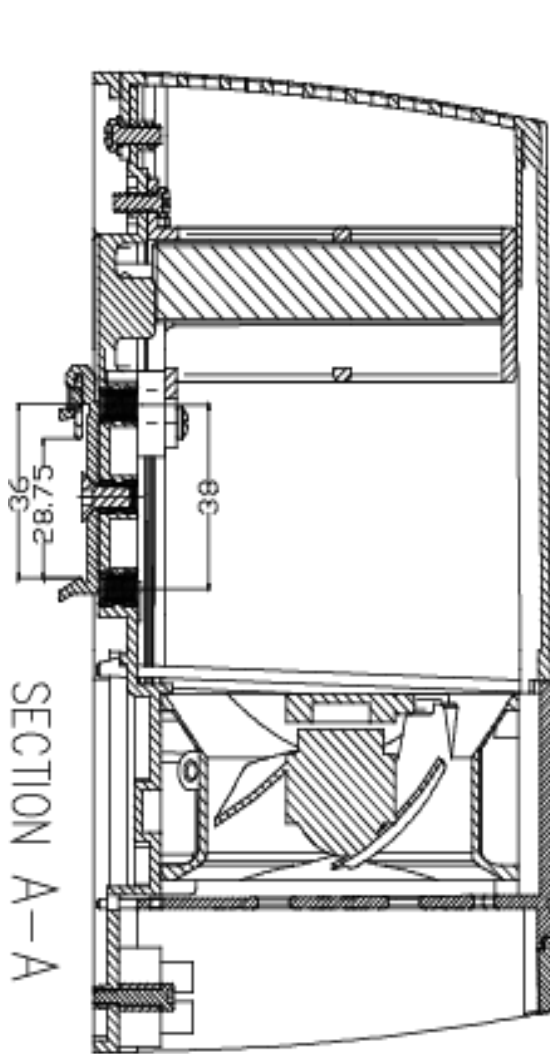
## Product Description

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This heater model features the following characteristics:

1. This compact electrical cabinet heater is uniquely designed with a high-efficiency moisture protection function, effectively preventing damp air from corroding and damaging electrical components, ensuring stable operation of electrical equipment in humid environments. Its built-in high-performance integrated axial fan has powerful air circulation capability, enabling rapid and uniform heat exchange throughout the control cabinet to achieve temperature regulation, maintaining a constant and suitable operating temperature inside the cabinet and avoiding potential issues caused by excessive or insufficient temperature.
  2. The product is specially equipped with a built-in terminal connector, significantly enhancing the safety and reliability of electrical connections. Compared to traditional wiring methods, the built-in terminal connector design not only simplifies installation and maintenance processes, reduces operational risks, but also improves the stability of the entire system, providing users with a safe, efficient, and convenient temperature control solution for electrical cabinets.
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# Product drawings



The circuit schematic is as follows:

