

Portable AC Unit for Server Rooms - 12,000 BTU, 230V, 50 Hz, Australian Plug

MODEL NUMBER: SRXCOOL12KA



Produces 12,000 BTU for cooling small server rooms and network closets or spot cooling a rack enclosure in a large data center.

Features

Portable Close-Coupled Rack Cooling System Improves Equipment Performance

Tripp Lite's SRXCOOL12KA is a portable, compact, self-contained AC cooling unit for server racks. It is designed for areas with heat-sensitive equipment that facility air conditioning can't reach. By cooling small IT installations or spot cooling individual racks in larger installations, you can protect mission-critical systems without relying on less efficient building-level HVAC or sinking money into costly HVAC upgrades.

Designed Specifically for 230V SAA/RCM Markets

This SmartRack® server cooling system is fitted with an IEC Type I power plug and meets Standards Association of Australia (SAA) and Regulatory Compliance Mark (RCM) approval for use in Australia and surrounding markets. It is ideal for adding discrete 24/7 cooling in IT and network closets, data centers, edge installations, MDFs, IDFs and small server rooms.

12,000 BTU of Cooling Power Protects Your Equipment Against Hazardous High Heat

This data center cooling unit pumps 12,000 BTU (3.5kW) of cooling into your IT environment to help prevent shutdowns, malfunctions and other failures caused by overheating or fluctuating temperatures. It uses environmentally friendly R410A refrigerant to comply with worldwide standards. An easy-to-read control panel with push buttons and diagnostic LEDs provides vital operating information at a glance. A dual-digit LCD screen displays current temperature in real time.

Rack/Spot Cooling Focuses Cold Air Where It's Most Needed

Close-coupled cooling delivers cold air near heat loads to discourage recirculation and increase energy efficiency. A flexible delivery tube lets you aim cold air to a specific spot, such as an overheated rack enclosure or an equipment hot spot. Hot air exits through a window or drop ceiling via an included exhaust kit. The IT-grade hot air exhaust fan maintains effectiveness even under a high heat load. The unit also dehumidifies and filters the air, providing better air quality that can enhance operating conditions and equipment reliability.

Built-In Evaporator Ensures No Water Collection Tank to Empty

The evaporator expels the condensed water through the directional exhaust duct, eliminating the need for a floor drain or water collection tank and saving you time and money. No external condenser, refrigerant piping or professional maintenance is required for simple operation.

Add an Optional Remote Management Accessory for 24/7 Monitoring and Control

Install the optional SRCOOLNETLX network module (sold separately) to monitor temperatures, receive alerts, review logs and control settings from anywhere, anytime, via SNMP, web browser, SSH, telnet or command line interface. The built-in LX Platform's PowerAlert® Device Manager provides a single interface to cycle the connected air conditioner on and off, adjust its fan speed, change its target set point temperature and switch to dehumidification mode.

Designed for Simple Plug-and-Play Installation by Almost Anyone

Highlights

- 12,000 BTU of close-coupled cooling protects vital equipment against overheating
- IT-grade hot air exhaust fan stays effective even under a high heat load
- Built-in evaporator for drip-free operation—no need to empty water collection tanks
- Self-contained design with no plumbing or special circuits—easy setup by almost anyone
- Features IEC Type I plug and SAA/RCM certification for use in Australia and New Zealand

Applications

- Cool an overheated network cabinet, server rack or EdgeReady™ micro data center
- Use the included delivery tube to spot cool a specific area, such as an equipment hot spot
- Add supplemental cooling when additional equipment overwhelms existing cooling systems

Package Includes

- SRXCOOL12KA Portable Data Center Cooling Unit
- Louvered front vent insert
- Duct adapters
- Cold-air directional delivery tube
- Hot-exhaust removal tube
- Window/drop-ceiling heat ventilation kit



The self-contained SRXCOOL12KA requires no disruptive construction projects or costly service calls from plumbers or HVAC specialists. Built-in rolling casters make the 34-kilogram unit easy to install and relocate. The 1.8-meter power cord features an IEC Type I plug that connects to a standard AC outlet. The unit is programmed to restart automatically after power failures, and a built-in timer allows unattended shutdown and startup.

- Adjustable exhaust panels
- Self-tapping screw
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332253729
INPUT	
Nominal Input Voltage(s) Supported	220V AC; 230V AC; 240V AC
Input Connection Type	IEC Type I
Input Frequency	50 HZ
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
COOLING	
Cooling Type	Active
Airflow	Evaporator = 560 l/s / Condenser = 530 l/s
Equivalent Room Size	50 sq. m (500 sq. ft.)
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Color	Black
Form Factors Supported	Tower
Material of Construction	ABS
Shipping Dimensions (hwd / in.)	14.70 x 29.00 x 33.60
Shipping Weight (kg)	37.19
Unit Dimensions (hwd / cm)	77.8 x 30 x 50.5
Unit Dimensions (hwd / in.)	30.63 x 11.81 x 19.88
Unit Weight (kg)	33.52
Unit Weight (lbs.)	73.9
ENVIRONMENTAL	



Cooling Capacity	12,000 BTU / 3.5 kW
SPECIAL FEATURES	
Dehumidifier	2.5 liters / hour
Compressor Type	Rotary
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	22 oz.
Amp Draw Nominal	7-10A
Sound Level (Noise)	57dB
Air Supply Tube Length	1.8 meters
Air Exhaust Tube Length	3.0 meters
Air Exhaust Tube Diameter	13.1 cm
STANDARDS & COMPLIANCE	
Certifications	Tested to CE; RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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