

SmartRack Portable Server Rack Cooling Unit - 12,000 BTU, 230V, BS 1363 Plug

MODEL NUMBER: SRXCOOL12KB



Compact, portable, self-contained server rack cooling system pumps 12,000 BTU of cold air into network closets, server rooms, data centers and other locations with heat-sensitive equipment.

Description

The SRXCOOL12KB SmartRack® 12,000 BTU 230V Portable Rack Air Conditioner pumps 12,000 BTU of cooling power into your IT environment to prevent shutdowns, malfunctions and equipment failures caused by overheating or fluctuating temperatures. This portable and completely self-contained unit is recommended for network closets, server rooms, data centers and other locations with heat-sensitive equipment in areas that facility air conditioning can't reach.

The SRXCOOL12KB packs 3.5 kW of cooling capacity into a compact 300 x 505 mm footprint. Its flexible output duct allows you to aim the cold air precisely where it's needed most, such as an equipment hot spot. Use the adjustable louvers to direct area cooling. A built-in evaporator expels the condensed water through the directional exhaust duct, eliminating the need for a drain tube, drain pan or water collection tank.

The SRXCOOL12KB also dehumidifies and filters the air, providing better air quality that can enhance equipment performance with little power consumption. Designed for quick, simple installation, the SRXCOOL12KB rolls on durable built-in casters and plugs into a standard BS 1363 outlet. It's programmed to restart automatically after power failures, and you can set the built-in timer for unattended shutdown and startup.

By installing the optional SRCOOLNET accessory (sold separately), you can also monitor temperatures, receive alerts, review logs and control settings from anywhere.

Features

Compact Cooling

Highlights

- Packs 3.5 kW of cooling capacity into 300 x 505 mm footprint
- Directs area cooling through adjustable louvers
- Plugs into a standard British BS 1363 outlet
- Restarts automatically after power failures
- Requires no floor drain or water collection tank

Package Includes

- SRXCOOL12KB SmartRack Portable Server Rack Cooling Unit - 12,000 BTU, 230V, BS 1363 Plug
- Louvered front vent insert
- Duct adapters
- Cold-air directional delivery tube
- Hot-exhaust removal tube
- Window/drop-ceiling heat-ventilation kit
- Adjustable exhaust panels
- Self-tapping screw
- Owner's manual



- Provides 12,000 BTU/h (3.5 kW) of cooling capacity in a portable 300 x 505 mm chassis
- Prevents equipment shutdowns, malfunctions and failures caused by overheating and temperature fluctuations
- Filters and dehumidifies the air to enhance equipment performance
- Uses environmentally friendly R410A refrigerant, which complies with worldwide standards

Convenient Operation

- Flexible output duct aims cold air where it's needed, such as an overheated rack enclosure or equipment hot spot
- Adjustable louvers provide general area cooling in rooms not designed for IT equipment
- Built-in evaporator expels condensed water through exhaust tube—no floor drain or water collection tank needed
- Supports unattended shutdown and startup, including automatic restarts after power failures
- Intuitive top-panel controls with informative digital display and diagnostic LEDs
- System-lock function disables all other buttons to prevent accidental input

24/7 Remote Management

- Optional SRCOOLNET Ethernet interface (sold separately) allows remote management via SNMP, web browser or telnet
- Optional ENVIROSENSE environmental sensor (sold separately) connects to SRCOOLNET for remote temperature, humidity and security monitoring

Easy to Install

- Rolls into place on built-in casters
- Plugs into a standard British BS 1363 outlet
- Includes window/drop-ceiling exhaust kit for extracting heat
- No external condenser, refrigerant piping or professional maintenance required

Specifications

OVERVIEW	
UPC Code	037332205407
INPUT	
Nominal Input Voltage(s) Supported	220V AC; 230V AC; 240V AC
Input Connection Type	British BS 1363
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83



Input Frequency	50 HZ
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Shipping Dimensions (hwd / in.)	33.60 x 14.70 x 29.00
Shipping Dimensions (hwd / cm)	85.34 x 37.34 x 73.66
Shipping Weight (lbs.)	78.90
Shipping Weight (kg)	35.79
Unit Dimensions (hwd / in.)	30.63 x 11.81 x 19.88
Unit Dimensions (hwd / cm)	77.8 x 30.0 x 50.5
Unit Weight (lbs.)	73.9
Unit Weight (kg)	33.52
Material of Construction	ABS
Color	Black
Form Factors Supported	Tower
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.
Air Flow	Evaporator = 329 CFM / Condenser = 311 CFM
Amp Draw Nominal	7-10A
Sound Level (Noise)	65dB
Air Supply Tube Length	71 inches
Air Exhaust Tube Length	118 inches
Air Exhaust Tube Diameter	5.16 inches
CERTIFICATIONS	
Certifications	Tested to CE; RoHS
WARRANTY	



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Product Warranty Period (Worldwide)	1-year limited warranty
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