

Portable AC Unit for Server Rooms - 12,000 BTU (3.5 kW), 230V, British 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 SRCOOLNETLX accessory (sold separately), you can also monitor temperatures, receive alerts, review logs and control settings from anywhere.

Features

Compact Cooling 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 SRCOOLNETLX Ethernet interface (sold separately) allows remote management via SNMP, web browser or telnet
 Optional E2MT environmental sensor (sold separately)

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



connects to SRCOOLNETLX 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 Frequency	50 HZ
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
COOLING	
Cooling Type	Active
Airflow	Evaporator = 329 CFM / Condenser = 311 CFM
Cooling Capacity (BTUs)	12000
Cooling Capacity (kW)	3.5
Equivalent Room Size	50 sq. m (500 sq. ft.)
Cooling Capacity	12,000 BTU / 3.5 kW
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Material of Construction	ABS
Color	Black
Form Factors Supported	Tower
Shipping Dimensions (hwd / cm)	73.66 x 37.34 x 85.34
Shipping Dimensions (hwd / in.)	29.00 x 14.70 x 33.60
Shipping Weight (kg)	35.83
Shipping Weight (lbs.)	79.00
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
FEATURES & SPECIFICATIONS	
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)	65dB
Air Supply Tube Length	71 inches
Air Exhaust Tube Length	118 inches
Air Exhaust Tube Diameter	5.16 inches
STANDARDS & COMPLIANCE	
Certifications	Tested to CE; RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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