

Portable Air Conditioning Unit for Server Rooms - 12,000 BTU (3.5kW), 230V, R290, British Input

MODEL NUMBER: SRXCOOL12KEUB



Portable AC unit cools overheated rack enclosures, IT equipment hot spots and network closets without access to facility air conditioning.

Features

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

This SmartRack® server rack cooling unit is a portable, compact, self-contained air conditioning unit designed for small server rooms, IT and network closets, back offices and other areas with heat-sensitive equipment that facility air conditioning can't reach. It 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 R290 refrigerant to comply with worldwide standards. An easy-to-read control panel with diagnostic LEDs provides convenient local management.

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. An included 71-inch flexible hose lets you aim the 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. A 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.

Special Commercial-Grade Components for Reliable Performance

With a 100-percent duty cycle, the SRXCOOL12KEUB can run continuously without costly downtime. It uses copper tubing that is stronger than the aluminum tubing used in most consumer cooling units. The copper allows higher pressures and better weld joints to stand up to the constant vibration of the running compressor.

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 drain tube, drain pan or water collection tank and saving you time and money. No external condenser, refrigerant piping or professional maintenance is required for simple operation. Upgraded firmware allows the compressor to cycle on and off while the evaporator fan stays on to prevent icing in high-humidity environments.

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

Highlights

- 12,000 BTU (3.5kW) of cooling capacity protects vital equipment against overheating
- Built-in evaporator for drip-free operation—no need to empty water collection tanks
- Plug-and-play design with no plumbing or special circuits—easy setup by almost anyone
- 100% duty cycle keeps your equipment constantly cool with no downtime
- Eco-friendly, non-ozone-depleting R290 refrigerant meets high environmental standards

Package Includes

- SRXCOOL12KEUB Portable Server Rack AC Unit
- Louvered front vent insert
- Duct adapters
- Cold-air flexible duct
- Hot-exhaust duct
- Window/drop-ceiling heat-ventilation kit
- Drainage plugs
- Owner's manual

temperature and switch to dehumidification mode.

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

The self-contained SRXCOOL12KEUB requires no disruptive construction projects or costly service calls from plumbers or HVAC specialists. It rolls on four casters into a compact 12 x 20 inch area. The 6 ft. (1.83 m) power cord with leakage current protection connects to a standard British outlet. The unit is programmed to restart automatically after power failures, and a built-in timer allows unattended shutdown and startup. An upgraded motor-start capacitor with a larger capacity ensures a dependable startup.

Specifications

OVERVIEW	
UPC Code	037332268525
INPUT	
Nominal Input Voltage(s) Supported	220V AC; 230V AC; 240V AC
Nominal Input Voltage Description	208-240V AC 50/60 Hz
Input Connection Type	British
Input Plug Features	British BS 1363
Voltage Compatibility (VAC)	208; 230; 240
Input Frequency	50/60 Hz
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
COOLING	
Airflow	Evaporator = 265 CFM / Condenser = 312 CFM
Cooling Type	Active
Cooling Capacity (BTUs)	12000
Cooling Capacity (kW)	3.5
Refrigerant	R290 (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	8.64 oz.
Equivalent Room Size	33 sq. m (355 sq. ft.)
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Color	Black
Material of Construction	ABS
Form Factors Supported	Tower
Unit Dimensions (hwd / in.)	30.630 x 11.810 x 19.880



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Unit Dimensions (hwd / cm)	77.8 x 30 x 50.5
Unit Weight (lbs.)	74.0
Unit Weight (kg)	33.57
FEATURES & SPECIFICATIONS	
Air Supply Tube Length	71 inches
Air Exhaust Tube Length	118 inches
Air Exhaust Tube Diameter	5.16 inches
Compressor Type	Rotary
Dehumidifier	2.5 liters / hour
Sound Level (Noise)	65dB
Amp Draw Nominal	6A
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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