Portable Air Conditioning Unit for Server Rooms - 12,000 BTU (3.5kW), 230V, R290, Schuko CEE7 Input

MODEL NUMBER: **SRXCOOL12KEU**

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 SRXCOOL12KEU 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

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

- SRXCOOL12KEU 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

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
The self-contained SRXCOOL12KEU 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 Schuko CEE7 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	037332268518

INPUT	
Nominal Input Voltage(s) Supported	220V AC; 230V AC; 240V AC
Input Connection Type	Schuko CEE7
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	33 sq. m (355 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
Unit Dimensions (hwd / in.)	30.63 x 11.81 x 19.88
Unit Dimensions (hwd / cm)	77.8 x 30 x 50.5

Unit Weight (lbs.)	74.0
Unit Weight (kg)	33.57
FEATURES & SPECIFICATIONS	
Dehumidifier	2.5 liters / hour
Compressor Type	Rotary
Refrigerant	R290 (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	8.64 oz.
Amp Draw Nominal	6A
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	
Product Compliance	RoHS; CE (Europe)
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty