

Important Note

This product is not CE marked, not for sale in EU. The power cord is not terminated with a plug. You are responsible for providing and installing the appropriate plug that complies with local wiring and safety regulations. Ideal for enclosures with perforated doors (not for use in enclosures with solid/plexiglass/glass doors). Install the unit using a bottom-mounting configuration only, with the enclosure's floor open and no tray or pan below. Evaporator coils can be vented through enclosure's rear perforated doors or optional SRCOOL7KDUCT (no solid doors). In an open frame application, cooling air delivered to the equipment is lessened, since cold air escapes into the room. Condenser must be ducted using the SRCOOL7KDUCT.

AC Unit for Server Racks - Rack Mount, 7,000 BTU (2.0 kW), 230V, 8U

MODEL NUMBER: SRXCOOL7KRM



Rack-mount air conditioning unit uses efficient close-coupled cooling to prevent equipment shutdowns and malfunctions due to overheating.

Features

An Ideal Investment for Keeping Your Rack Equipment Cool and in Reliable Working Condition This rack-mount air conditioning unit pumps 7,000 BTU/h (2.0 kW) of close-coupled cooling into your IT equipment to prevent shutdowns, malfunctions and other failures caused by overheating and fluctuating temperatures. The SRXCOOL7KRM solves your heat-related problems without requiring the heavy costs of new construction, time-consuming maintenance or installation specialists.

Saves Valuable Floor Space in Your IT Environment The self-contained SRXCOOL7KRM chassis mounts in 8U of space at the bottom of an EIA-standard rack enclosure to save floor space in a small-to-medium-sized data center, server room or network closet. A directional output vent aims the air upward, directly at rack equipment.

Quiet, Efficient Close-Coupled Cooling Ensures the Cool Air Goes Where Most Needed A magnetic air dam attached to the front door of the rack enclosure makes sure your rack equipment draws cool air from the SRXCOOL7KRM, rather than drawing warm air from the room. Because it only cools the equipment inside the rack enclosure, the SRXCOOL7KRM is much more efficient than solutions that cool an entire room to achieve the same result. The SRXCOOL7KRM also filters the air, and its built-in evaporator eliminates condensation with no floor drain or water collection tank needed. The unit operates quietly—about the noise level of an average office setting.

Designed for Easy and Convenient Operation The intuitive control panel includes a dual-digit LCD that displays the current temperature in real time. Pushbuttons and diagnostic LEDs communicate vital operating conditions at a glance. The SRXCOOL7KRM restarts automatically after power failures, and you can set the built-in timer to schedule unattended shutdowns and startups. The 1.8-meter (6-foot) 18 AWG

Highlights

- 7,000 BTU/h (2.0 kW) prevents heat-related equipment malfunctions and downtime
- Close-coupled cooling saves energy and reduces your operating costs
- Optional network management card enables remote monitoring and control
- Self-contained unit with 1.8 m power cord connects to compatible AC power source
- Mounts in 8U of space at the bottom of an EIA-standard 19 in. rack enclosure

Applications

- Cool rack-mount IT equipment, including servers and switches, in education or small business settings where budgets are tight and floor space is limited

Package Includes

- SRXCOOL7KRM SmartRack Rack-Mounted Server Rack Cooling Unit - 7,000 BTU, 230V
- Magnetic air dam kit
- Directional output vent
- Rack-mounting hardware
- Owner's manual



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Optional Network Interface Offers 24/7 Access The optional SRCOOLNET2LX remote management accessory (sold separately) allows you to monitor temperatures, receive alerts, review logs and control settings over an Ethernet network from any location via SNMP, Web, SSH or telnet. SRCOOLNET2LX also includes an ENVIROSENSE® temperature and humidity sensor that lets you link cooling output with temperature readings up to 12-ft. (3.66 m) away. In addition, the optional SRCOOL7KDUCT exhaust duct kit (sold separately) directs and disperses heat through an upper vent into your facility's ventilation system.

Specifications

OVERVIEW	
UPC Code	037332249142
INPUT	
Electrical Consumption (Max)	1050 Watts
Nominal Input Voltage(s) Supported	230V AC
Nominal Input Voltage Description	230V AC 50 Hz
Voltage Compatibility (VAC)	230
Input Frequency	50 Hz
Input Cord Length (ft.)	5.9
Input Cord Length (m)	1.80
COOLING	
Airflow	198.25 CFM
Cooling Type	Active
Cooling Capacity (BTUs)	7000
Cooling Capacity (kW)	2.0
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	18.7 oz.
Equivalent Room Size	25 sq. m (250 sq. ft.)
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	2-digit LCD displays numerical temperature readout
Front Panel LEDs	Push-button control panel with multiple LEDs for operational configuration
PHYSICAL	
Color	Black
Rack Height	8U



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Form Factors Supported	Rackmount
Shipping Dimensions (hwd / in.)	22.80 x 22.70 x 27.50
Shipping Dimensions (hwd / cm)	57.91 x 57.66 x 69.85
Shipping Weight (kg)	36.29
Unit Dimensions (hwd / in.)	13.900 x 17.350 x 22.520
Unit Dimensions (hwd / cm)	35.3 x 44.1 x 57.2
Unit Weight (lbs.)	61.6
Unit Weight (kg)	27.94
COMMUNICATIONS	
SNMP Compatibility	 SRCOOLNET2LX (Optional) remote management accessory for remote monitoring and control
FEATURES & SPECIFICATIONS	
Compressor Type	Rotary
Dehumidifier	1.25 liters / hour
Sound Level (Noise)	57dbA
Amp Draw Nominal	5A
STANDARDS & COMPLIANCE	
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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