Powering Business Worldwide

TRIPP·LITE by EATON

Important Note

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 the SRCOOL7KRM. Evaporator coils can be vented through the 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), 120V, 8U

MODEL NUMBER: **SRCOOL7KRM**

The SRCOOL7KRM is the first EIA-compliant rack-mounted server rack cooling system specifically designed to cool IT equipment in data centers, server rooms and network closets.

Description

The SRCOOL7KRM Rack-Mounted Server Rack Air Conditioner pumps 7,000 BTU/h (2.0 kW) of close-coupled cooling power into your IT equipment to prevent shutdowns, malfunctions and failures caused by overheating. This space-saving, energy-efficient unit is perfect for data centers, server rooms, network closets and other environments with heat-sensitive rack-mounted equipment and limited floor space.

The self-contained SRCOOL7KRM mounts just like any other rack equipment in 8U of space at the bottom of a rack enclosure. A magnetic air dam attaches to the front door of the rack enclosure to ensure that equipment draws cool air from the SRCOOL7KRM instead of drawing warm air from the room. Because it only cools the equipment inside the rack enclosure, the SRCOOL7KRM is much more efficient than solutions that cool an entire room to achieve the same result. The SRCOOL7KRM filters the air, and its built-in evaporator eliminates condensation, as well as the need for a floor drain or water collection tank.

The 7-foot (2.1-meter) cord plugs into a standard 15A (NEMA 5-15R) outlet. The unit restarts automatically after power failures, and you can use the built-in timer to schedule unattended shutdown and startup. The intuitive control panel includes a digital display and diagnostic LEDs to communicate operating conditions at a glance.

The optional SRCOOLNET2LX remote management accessory (sold separately) allows you to monitor temperatures, receive alerts, review logs and control settings over the Ethernet network from any location via SNMP, Web, SSH or telnet. The SRCOOLNET2LX accessory also includes an ENVIROSENSE® temperature and humidity sensor that allows you to link cooling output with temperature readings up to 12 feet away.

Features

Highlights

- Saves valuable floor space in IT environments
- Saves energy with efficient close-coupled cooling
- Provides 7,000 BTU/h (2.0 kW) of cooling capacity
- Supports optional remote management via Ethernet
- Mounts at the bottom of an EIA-standard 19 in. rack

Package Includes

- SRCOOL7KRM SmartRack Rack-Mounted Server Rack Cooling Unit - 7,000 BTU, 120V
- Magnetic air dam kit
- Directional output vent
- Mounting hardware
- Owner's manual

Compact and Efficient Cooling Saves valuable floor space in IT environments with available space at the bottom of a rackSaves energy with efficient close-coupled cooling, cooling only the equipment inside the rack enclosure instead of the entire roomProvides 7,000 BTU/h (2.0 kW) of cooling capacity in a rack-mounted 8U chassisPrevents equipment shutdowns, malfunctions and failures caused by overheating and temperature fluctuationsUses environmentally friendly R410A refrigerant

Convenient Operation Directional output vent aims air upward to cool overheated rack equipmentSupports unattended shutdown and startup, including automatic restarts after power failuresIntuitive front-panel controls with an informative digital display and diagnostic LEDsOperates at noise levels comparable to an average office setting

Remote Management Support Optional SRCOOLNET2LX remote management accessory (sold separately) allows you to monitor temperatures, receive alerts, review logs and control settings over the Ethernet network from any location via SNMP, Web, SSH or telnetSRCOOLNET2LX includes ENVIROSENSE temperature and humidity sensor that allows you to link cooling operation with temperature readings up to 12 ft. (3.7 m) away

Optional SRCOOL7KDUCT Exhaust Duct Kit Directs and disperses heat from SRCOOL7KRM through an upper vent into your facility's ventilation systemSold separately

Easy Installation Plugs into a standard 15A outlet (NEMA 5-15R)Built-in evaporator eliminates condensation—no floor drain or water collection tank neededMagnetic air dam attaches to rack enclosure's front door to optimize airflowIncludes mounting hardware for installation at bottom of EIA-standard 19 in. rack enclosures

Specifications

OVERVIEW	
UPC Code	037332184733
INPUT	
Electrical Consumption (Max)	1020 Watts
Nominal Input Voltage(s) Supported	120V AC
Nominal Input Voltage Description	120V AC 60 Hz
Input Connection Type	NEMA 5-15P
Input Plug Features	NEMA 5-15P
Voltage Compatibility (VAC)	120
Input Frequency	60 Hz
Input Cord Length (ft.)	7
Input Cord Length (m)	2.13
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
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 (lbs.)	80.00
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)	57dB
Amp Draw Nominal	8.5A
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); NOM (Mexico); UL 484
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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