

- 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 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, 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 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

### **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 EIAstandard 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



feet away.

#### **Features**

Compact and Efficient CoolingSaves 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 rackmounted 8U chassisPrevents equipment shutdowns, malfunctions and failures caused by overheating and temperature fluctuationsUses environmentally friendly R410A refrigerant

Convenient OperationDirectional 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 SupportOptional 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. away

Optional SRCOOL7KDUCT Exhaust Duct KitDirects 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	
OPC Code	037332104733	
INPUT		
Nominal Input Voltage(s) Supported	120V AC	
Electrical Consumption	1020 Watts Max	
Input Connection Type	NEMA 5-15P	
Input Frequency	60 Hz	
Input Cord Length (ft.)	7	
Input Cord Length (m)	2.13	
COOLING		
Cooling Type	Active	
Airflow	198.25 CFM	
Equivalent Room Size	250 sq. ft. (25 sq. m)	
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
Form Factors Supported	Rackmount
Rack Height	8U
Shipping Dimensions (hwd / cm)	57.91 x 57.66 x 69.85
Shipping Dimensions (hwd / in.)	22.80 x 22.70 x 27.50
Shipping Weight (kg)	36.29
Shipping Weight (lbs.)	80.00
Unit Dimensions (hwd / cm)	35.3 x 44.1 x 57.2
Unit Dimensions (hwd / in.)	13.9 x 17.35 x 22.52
Unit Weight (kg)	27.94
Unit Weight (lbs.)	61.6
ENVIRONMENTAL	
Cooling Capacity	7,000 BTU / 2.0 kW
COMMUNICATIONS	
SNMP Compatibility	<a class="productLink" href="// LX-Platform-SNMP-Web-Interface-Module-Remote-Cooling-Management-for-Select-Models~SRCUULNE12LX">SRCOOLNET2LX</a> (Optional) remote management accessory for remote monitoring and control
SPECIAL FEATURES	
Dehumidifier	1.25L / hour
Compressor Type	Rotary
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	18.7 ounces
Amp Draw Nominal	8.5
Sound Level (Noise)	57dbA
STANDARDS & COMPLIANCE	
Certifications	Tested to UL484; CSA, RoHS; NOM
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2020 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:



https://

products/product-certification-agencies