

SmartRack Portable Server Rack Cooling Unit - 12,000 BTU, 120V

MODEL NUMBER: SRCOOL12K



Portable, compact, self-contained air conditioner cools small network closets and back offices where other cooling solutions don't fit.

Features

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

This SmartRack® server rack cooling unit 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. The SRCOOL12K is a portable, compact, self-contained cooling unit designed for server rooms, small network closets, back offices and other areas with heat-sensitive equipment that facility air conditioning can't reach. It uses environmentally friendly R410A refrigerant to comply with worldwide standards.

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.

Point the Cold Air Precisely 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. 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 SRCOOL12K 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 a better weld joint to stand up to the constant vibration of the running compressor. Fiberglass-impregnated fans with a high-temp resin help maintain a low heat build-up.

Add an Optional Remote Management Accessory for 24/7 Monitoring and Control

Install the optional SRCOOLNET network module (sold separately) to monitor temperatures, receive alerts, review logs, and control settings from anywhere, anytime, via SNMP, web browser, SSH or telnet. By placing the SRCOOLNET's temperature sensor near the equipment you need to keep cool, the SRCOOL12K will cycle on and off based on conditions at that spot, ensuring your equipment stays cool at all times. Using Tripp Lite's free downloadable PowerAlert® software, you can manage multiple units from a central location and a single interface.

Highlights

- 12,000 BTU (3.5kW) of cooling capacity protects vital equipment against overheating
- Filters and dehumidifies air to further enhance equipment performance
- Built-in evaporator for drip-free operation—no need to empty water collection tanks
- Self-contained design with no plumbing or special circuits—easy setup by almost anyone
- 100% duty cycle keeps your equipment constantly cool with no downtime

Applications

- Cool an overheated rack enclosure or an equipment hot spot located inside or outside a rack enclosure
- Use the included louvered vent to cool a small room, such as a back office or network closet

Package Includes

- SRCOOL12K SmartRack Portable Server Rack Cooling Unit - 12,000 BTU, 120V
- Louvered front vent insert
- Duct adapters
- Cold-air directional delivery tube
- Hot-exhaust removal tube
- Window/drop-ceiling heat-ventilation kit
- Adjustable exhaust panels
- Self-tapping screw



Designed for Quick, Simple Installation by Almost Anyone

The self-contained SRCOOL12K requires no disruptive construction projects or costly service calls from plumbers or HVAC specialists. It rolls on durable casters into a compact 12 x 20 inch area. The six-foot power cord's NEMA 5-15P plug with built-in leakage current protection connects to a convenient wall outlet. The unit is programmed to restart automatically after power failures, and you can set the built-in timer for unattended shutdown and startup.

- Owner's manual

One-Year Warranty

The SRCOOL12K is backed by a one-year warranty, ensuring reliability and performance.

Specifications

OVERVIEW	
UPC Code	037332145765
INPUT	
Nominal Input Voltage(s) Supported	120V AC
Electrical Consumption	1400 Watts Max
Input Connection Type	NEMA 5-15P
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
Input Frequency	60 HZ
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Shipping Dimensions (hwd / in.)	33.10 x 15.40 x 29.00
Shipping Dimensions (hwd / cm)	84.07 x 39.12 x 73.66
Shipping Weight (lbs.)	79.30
Shipping Weight (kg)	35.97
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.)	73.9
Unit Weight (kg)	33.52
Material of Construction	ABS
Color	Black
Form Factors Supported	Tower



ENVIRONMENTAL	
Cooling Capacity	12,000 BTU / 3.5 kW
SPECIAL FEATURES	
Dehumidifier	2.5 liters/ hour
Compressor Type	Rotary
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	22 oz.
Air Flow	Evaporator = 329 CFM / Condenser = 311 CFM
Amp Draw Nominal	10.5A
Sound Level (Noise)	57dB
Air Supply Tube Length	71 inches
Air Exhaust Tube Length	118 inches
Air Exhaust Tube Diameter	5.16 inches
CERTIFICATIONS	
Certifications	Tested to UL484; CSA, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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