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

MODEL NUMBER: **SRCOOL12K**

Highlights

- Provides 12,000 BTU (3.5 kW) of cooling capacity
- Also filters and dehumidifies air
- Plugs into a standard 15-amp outlet (NEMA 5-15R)
- Restarts automatically after power failure
- Can be operated remotely (requires SRCOOLNET, sold separately)

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
- Warranty information
- Owner's Manual

Description

The SRCOOL12K SmartRack 12,000 BTU 120V Portable Server Rack Cooling System pumps 12,000 BTU of cooling power into your IT environment to prevent shutdowns, malfunctions and failures caused by overheating or fluctuating temperatures. Part of the SRCOOL® line, this compact, portable unit is perfect for server rooms and other IT environments with heat-sensitive equipment in areas that facility air conditioning can't reach.

The self-contained SRCOOL12K is capable of cooling a small room using its louvered vent. A built-in evaporator expels the condensed water through the directional exhaust duct, eliminating the need for a drain tube, drain pan or water collection tank.

You can also use the included flexible tube to aim the cold air precisely where it's needed most, such as an overheated rack enclosure or an equipment hot spot. The SRCOOL12K Rack Air Conditioner also dehumidifies and filters the air, providing better air quality that can enhance equipment performance with little power consumption.

Designed for quick, simple installation, the SRCOOL12K rolls into place on durable built-in casters and plugs into a standard 15-amp outlet. It's programmed to restart automatically after power failures, and you can set the built-in timer for unattended shutdown and startup.

By installing the optional SRCOOLNET remote management accessory (sold separately), you can also monitor temperatures, receive alerts, review logs and control settings from anywhere via SNMP, web browser, SSH or telnet.

Features

Compact Cooling

- Provides 12,000 BTU/h (3.5 kW) of cooling capacity in a portable chassis
- Prevents equipment shutdowns, malfunctions and failures caused by overheating and temperature fluctuations
- Also filters and dehumidifies the air to enhance equipment performance
- Uses environmentally friendly R410A refrigerant, which complies with worldwide standards

Convenient Operation

- Included 71-inch tube aims cold air where it's needed, such as an overheated rack enclosure or equipment hot spot
- Built-in evaporator expels condensed water through exhaust tube—no floor drain or water collection tank needed
- Supports unattended shutdown and startup, including automatic restarts after power failures
- Intuitive top-panel controls with an informative digital display and diagnostic LEDs
- System-lock function disables all other buttons to prevent accidental input
- Optional SRCOOLNET remote management accessory (sold separately) allows remote monitoring of temperatures, alerts, logs and control settings from any location via SNMP, web browser, SSH or telnet

Easy to Install

- Rolls into place on built-in casters
- Plugs into a standard 15-amp outlet (NEMA 5-15R)
- Includes window/drop-ceiling kit for extracting heat
- No external condenser, refrigerant piping or professional maintenance required

Specifications

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.)	33.46 x 15.16 x 29.13
Shipping Dimensions (hwd / cm)	85 x 38.5 x 74
Shipping Weight (lbs.)	83
Shipping Weight (kg)	37.65
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