

Tripp Lite 1111 W. 35th Street Chicago, IL 60609 USA Telephone: 773.869.1234 www.tripplite.com

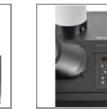
SmartRack 18,000 BTU 208/240V Portable Air Conditioning Unit, Server Rooms & Data Centers

MODEL NUMBER: SRCOOL18K









Description

The SRCOOL18K SmartRack 18,000 BTU 208/240V Portable Air Conditioning Unit cools, dehumidifies and filters the air in your server room, data center or other environment with heat-sensitive equipment. The compact, portable unit fits into just 4 square feet of floor space. It is designed for primary, supplemental or backup cooling of IT equipment to prevent shutdowns, malfunctions and costly downtime caused by overheating or fluctuating temperatures.

The self-contained SRCOOL18K packs 18,000 BTU/h (5.275 kW) of cooling capacity into a rack-width chassis. A built-in evaporator expels condensation through a directional exhaust duct, eliminating the need for a floor

drain or water collection tank. The SRCOOL18K also dehumidifies and filters the air, providing better air quality that can enhance equipment performance. Efficient close-coupled cooling reduces energy use and operating costs.

Installation is quick and easy and does not require disruptive construction or the costly expense of hiring a plumber or HVAC specialist. The SRCOOL18K rolls into place on durable built-in casters. The NEMA L6-20P plug connects to a standard 208/240V 20A outlet. The unit restarts automatically after power failures, and a built-in timer supports unattended shutdown and startup.

By installing the optional SRCOOLNET2 network management card (sold separately), you can monitor temperatures, receive alerts, review logs, automate operation and control settings from anywhere via SNMP, web browser, SSH or telnet. The SRCOOLNET2 includes the ENVIROSENSE remote sensor, which lets you monitor temperature and humidity up to 12 feet away from the SRCOOL18K.

Features

Portable, High-Capacity Cooling Power

- Produces 18,000 BTU/h (5.275 kW) of cooling capacity in a portable, rack-width chassis
- Prevents equipment shutdowns, malfunctions and failures caused by overheating and temperature fluctuations
- Filters and dehumidifies air to enhance equipment performance
- Uses environmentally friendly R410A refrigerant, which complies with worldwide standards

Highlights

- 18,000 BTU/h (5.275 kW) of cooling capacity in 2 x 2 ft. footprint
- NEMA L6-20P plug connects to standard 208/240V 20A outlet
- Directs cooling through adjustable louvers or duct
- Restarts automatically after
 power failures
- Supports network management via optional SRCOOLNET2

Package Includes

- SRCOOL18K SmartRack 18,000
 BTU 208/240V Portable Air
 Conditioning Unit
- (2) Gray exhaust ducts
- Black cooling duct
- (2) Exhaust duct adapters
- (2) Adjustable exhaust panels
- (4) Self-tapping screws
- Cooling duct adapter
- Louvered vent insert (preinstalled)
- (2) Drainage plugs (preinstalled)
- Owner's manual



• Efficient close-coupled cooling reduces energy use and operating costs

Convenient Operation

- Adjustable louvers support area cooling applications
- Flexible output duct aims cold air where it's needed, such as an overheated rack enclosure or equipment hot spot
- Supports unattended shutdown and startup, including automatic restarts after power failures
- Easy-to-read control panel with digital display and diagnostic LEDs for local management
- System-lock function disables all other buttons to prevent accidental input

Advanced Network Monitoring

- Optional SRCOOLNET2 accessory (sold separately) allows remote monitoring of temperatures, alerts, logs and control settings from anywhere via SNMP, web browser, SSH or telnet
- SRCOOLNET2 includes ENVIROSENSE remote sensor, which monitors temperature and humidity up to 12 ft. away

Easy to Install

- Rolls into place on built-in casters
- Fits into 2 x 2 ft. section of floor space
- 6.5 ft. power cord with NEMA L6-20P plug connects to standard 208/240V 20A AC outlet
- No external condenser, refrigerant piping or professional maintenance required
- Built-in evaporator expels condensation through exhaust tube--no floor drain or water collection tank needed
- Exhaust kit removes hot air from room through drop ceiling, window or return duct
- Includes all parts required for setup

Specifications

INPUT		
Nominal Input Voltage(s) Supported	208V AC; 240V AC	
Electrical Consumption	1985 Watts Max	
Input Connection Type	NEMA L6-20P	
Input Cord Length (ft.)	6.56	
Input Cord Length (m)	2.00	
USER INTERFACE, ALERTS & CONTROLS		
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout	
PHYSICAL		
Shipping Dimensions (hwd / in.)	44.1 x 25.2 x 29.35	
Shipping Dimensions (hwd / cm)	112.01 x 97.79 x 74.55	
Shipping Weight (lbs.)	213.85	
Shipping Weight (kg)	97	



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Unit Dimensions (hwd / in.)	38.2 x 20.5 x 21.7	
Unit Dimensions (hwd / cm)	97.03 x 52.07 x 55.12	
Unit Weight (lbs.)	175.37	
Unit Weight (kg)	79.55	
Material of Construction	ABS	
Color	Black	
Form Factors Supported	Tower	
ENVIRONMENTAL		
Cooling Capacity	18,000 BTU / 5.275 kW	
SPECIAL FEATURES		
Dehumidifier	47.3 L/h	
Compressor Type	Rotary	
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)	
Refrigerant Amount	36.68 oz.	
Air Flow	Evaporator = 634 CFM / Condenser = 640 CFM	
Amp Draw Nominal	10.5A	
Sound Level (Noise)	59dB	
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; NOM	
WARRANTY		
Product Warranty Period (Worldwide)	1-year limited warranty	

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