MODEL NUMBER: **SRCOOL18K** NEW

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

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Portable, self-contained 18,000 BTU/h air conditioning unit perfect for primary, supplemental or backup cooling in server rooms, data centers and other environments with heat-sensitive equipment.

- 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 (http://www.tripplite.com/SNMP-Web-Interface-Card-Remote-Cooling-Management~SRCOOLNET2)

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Overview

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 (http://www.tripplite.com/SNMP-Web-Interface-Card-Remote-Cooling-Management~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 (http://www.tripplite.com/SNMP-Web-Interface-Card-Remote-Cooling-Management~SRCOOLNET2) includes the ENVIROSENSE (http://www.tripplite.com/EnviroSense-Rack-Environment-Sensor-Temperature-Humidity-Contact-Closure-Inputs~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
- 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 (http://www.tripplite.com/SNMP-Web-Interface-Card-Remote-Cooling-Management~SRCOOLNET2) accessory(sold separately) allows remote monitoring of temperatures, alerts, logs and control settings from anywhere via SNMP, web browser, SSH or telnet
- SRCOOLNET2 (http://www.tripplite.com/SNMP-Web-Interface-Card-Remote-Cooling-Management~SRCOOLNET2) includes ENVIROSENSE (http://www.tripplite.com/EnviroSense-Rack-Environment-Sensor-Temperature-Humidity-Contact-Closure-Inputs~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

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

RoHS COMPLIANT

(/company/environmental-statement)

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

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 Weight (lbs.)	213.85
Unit Dimensions (hwd / in.)	38.2 x 20.5 x 21.7
Unit Weight (lbs.)	175.37
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

WARRANTY

Product Warranty Period (Worldwide)	1-year limited warranty

Frequently Asked Questions

⊕ Does the air conditioner need an exhaust hose for cooling?

⊕ Does the unit use disposable or washable filters?

⊕ How loud is the unit?

Additional FAQs may be available on the SRCOOL18K model support page (/support/SRCOOL18K).

Accessories

⊖ RACK COOLING ACCESSORIES

(/snmp-web-interface-card-remote-cooling-management~SRCOOLNET2/)

SRCOOLNET2
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Resources

Documentation

- Owner's Manual for Portable Air Conditioning Unit 933425 (Multi-language) (//www.tripplite.com/shared/techdoc/Owners-Manual/933425.pdf) 🗎

Product Literature

- SRCOOL18K & SRCOOL24K New Product Announcement Flyer 953468 (English) (//www.tripplite.com/shared/literature/Flyer/New-Product-Announcement-Flyer-SRCOOL18K-SRCOOL24K-953468-EN.PDF) 🗎
- Close-Coupled Cooling Solutions Flyer 95346D (English) (//www.tripplite.com/shared/literature/Flyer/Close-Coupled-Cooling-Solutions-Flyer-95346D-EN.PDF) 🗎

Useful Web Pages

- Introducing the SRCOOL18K & SRCOOL24K Portable, High-Capacity Cooling Units (//www.tripplite.com/shared/literature/Flyer/New-Product-Announcement-Flyer-SRCOOL18K-SRCOOL24K-953468-EN.PDF) 🔗
- Rack Cooling Buying Guide (//www.tripplite.com/products/rack-cooling-buying-guide) 🔗

Product Videos

- Why Rack Cooling Efficiency Matters
  https://www.tripplite.com/video/why-rack-cooling-efficiency-matters/97539 (//www.tripplite.com/video/why-rack-cooling-efficiency-matters/97539) 🔗
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✕

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Tripp Lite is a manufacturer of solutions to power, connect, secure and protect equipment for IT environments. From the largest data center to the smallest home office, Tripp Lite products keep your equipment running effectively and efficiently. Outstanding reliability, competitive pricing and exceptional service have been Tripp Lite trademarks for over 90 years.

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TRIPP LITE WORLD HEADQUARTERS

1111 West 35th Street
Chicago, IL 60609
United States

+1 773.869.1773 (sales)
+1 773.869.1234 (support)
+1 773.869.1111 (main)
+1 773.869.1329
saleshelp@tripplite.com (/company/media-contacts-email-form/mailto/saleshelp)

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