SmartRack 24,000 BTU 208/240V Portable Air Conditioning Unit with Network Management Card, Server Rooms & Data Centers

MODEL NUMBER: **SRCOOL24K**

Highlights

- 24,000 BTU/h (7 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 ducts
- Restarts automatically after power failures
- Supports network management via preinstalled SRCOOLNET2

Package Includes

- SRCOOL24K SmartRack 24,000 BTU 208/240V Portable Air Conditioning Unit
- (2) Gray exhaust ducts
- (2) Black cooling ducts
- (2) Exhaust duct adapters
- (2) Adjustable exhaust panels
- (4) Self-tapping screws
- Dual cooling duct adapter
- Louvered vent insert (preinstalled)
- (2) Drainage plugs (preinstalled)
- ENVIROSENSE environmental sensor
- SNMP configuration cable
- Owner's manual

Description

The SRCOOL24K SmartRack 24,000 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 SRCOOL24K packs 24,000 BTU/h (7kW) 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 SRCOOL24K 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 unit rolls into place on durable built-in casters. The NEMA L6-20P plug connects to a standard 208/240V 20A outlet. The SRCOOL24K restarts automatically after power failures, and a built-in timer supports unattended shutdown and startup.

The included SRCOOLNET2 network management card lets you 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 SRCOOL24K.

Features

Portable, High-Capacity Cooling Power

- Produces 24,000 BTU/h (7 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 the 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 dual output ducts aim 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

- Included SRCOOLNET2 accessory allows remote monitoring of temperatures, alerts, logs and control settings from anywhere via SNMP, web browser, SSH or telnet
- ENVIROSENSE remote sensor 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 a 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	2560 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.)	224.4

Shipping Weight (kg)	110.86
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	24,000 BTU / 7 kW
SPECIAL FEATURES	
Dehumidifier	56.8 L/h
Compressor Type	Rotary
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	42.33 oz.
Air Flow	Evaporator = 634 CFM / Condenser = 640 CFM
Amp Draw Nominal	13.5A
Sound Level (Noise)	65dB
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