

## SmartRack Portable Server Rack Cooling Unit - 24,000 BTU, 208/240V, Network Management Card

MODEL NUMBER: SRCOOL24K



### Description

The SRCOOL24K SmartRack 24,000 BTU 208/240V Portable Rack Air Conditioner 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

### 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 Portable Server Rack Cooling Unit - 24,000 BTU, 208/240V, Network Management Card
- (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



- 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   |
| 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.)    | 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   |
| <b>ENVIRONMENTAL</b>                |   |
| Cooling Capacity                    | 24,000 BTU / 7 kW                                     |
| <b>SPECIAL FEATURES</b>             |   |
| 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   |
| <b>CERTIFICATIONS</b>               |   |
| Certifications                      | Tested to UL484; CSA, RoHS; NOM                       |
| <b>WARRANTY</b>                     |   |
| Product Warranty Period (Worldwide) | 1-year limited warranty                               |

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