

The SRCOOL24KE and all other Suffix "E" portable cooling units are available for sale in California, USA.

Portable AC Unit for Server Rooms - 24,000 BTU (7 kW), 208/240V, R32 Refrigerant, Black

MODEL NUMBER: SRCOOL24KE



Portable, energy-efficient, self-contained cooling system designed for server rooms, data centers, wiring closets and other IT environments.

Features

Portable Close-Coupled Cooling with Upgrades for Better Performance

The upgraded SRCOOL24KE is a portable, compact, energy-efficient self-contained air conditioning unit. It is designed for supplemental or backup cooling in server rooms and data centers, as well as primary cooling in wiring closets and other IT environments without facility air conditioning.

Flexible Operation to Fit Your Particular Cooling Needs

The SRCOOL24KE can focus cool air through its flexible cooling duct or cool a small room through its louvered vent. It also filters and dehumidifies air to improve operating conditions and equipment reliability. An easy-to-read control panel with diagnostic LEDs provides convenient local management.

24,000 BTU of Cooling Power Protects Your Equipment Against Hazardous High Heat

This server rack cooling unit uses R32 refrigerant to pump 24,000 BTU (7 kW) ASHRAE/16,000 BTU (4.7 kW) SACC into your IT environment to help prevent shutdowns, malfunctions and other failures caused by overheating or fluctuating temperatures. R32 has a significantly lower global warming potential (GWP) compared to traditional refrigerants, which helps reduce the overall impact on climate change. Adopting R32 ensures compliance with current and upcoming regulations set by the U.S. Environmental Protection Agency (EPA), the State of California and Canada, as well as the latest standards for the Department of Energy (DoE), California Energy Commission (CEC) and Natural Resources Canada (NRCAN) for portable air-conditioning units, ensuring energy efficiency and compliance with the environmental standards.

Rack/Spot AC Unit Focuses Cold Air Where It's Most Needed

Close-coupled air conditioning delivers cold air near heat loads to discourage recirculation and increase energy efficiency as much as 34.7 percent over previous models. An included flexible hose lets you aim the cold air to a specific spot, such as an overheated rack enclosure or an equipment hot spot. Hot air exits through a window or drop ceiling via an included exhaust kit. An upgraded hot air exhaust fan maintains effectiveness even under a high heat load. The unit also dehumidifies and filters the air, providing better air quality that can enhance operating conditions and equipment reliability.

Built-In Evaporator Ensures No Water Collection Tank to Empty

The evaporator expels the condensed water through the directional exhaust duct, eliminating the need for a drain tube, drain pan or water collection tank and saving you time and money. No external condenser, refrigerant piping or professional maintenance is required for simple operation. Upgraded firmware allows the compressor to cycle on and off while the evaporator fan stays on to prevent icing in high-humidity

Highlights

- 24,000 BTU (7 kW) of ASHRAE cooling capacity protects equipment against overheating
- Lower GWP with R32 refrigerant and up to 34.7% more energy efficient
- IT-grade hot air exhaust fan stays effective even under a high heat load
- Built-in evaporator for drip-free operation—no need to empty water collection tanks
- 5.9 ft. 6-20P LCDI plug (non-twist/locking) with leakage current protection connects to 208/240V 20A outlet
- Complies with highest efficiency standards set by CEC, DoE, NRCAN and EPA/AIM

Package Includes

- SRCOOL24KE Portable AC Unit
- SRCOOLNET2LX network interface module
- ENVIROSENSE environmental sensor module
- Exhaust duct, gray
- Exhaust duct adapter
- (2) Cooling ducts, black
- (2) Cooling duct adapters
- (2) Adjustable exhaust panels
- Cool air outlet duct connector
- (2) Adjustable cooling panels
- (4) Self-tapping screws
- (2) Drainage plugs
- SNMP configuration cable, USB-A to Micro-B USB
- Owner's manual



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environments.

Remote Management Accessory for 24/7 Monitoring and Control

The pre-installed SRCOOLNET2LX network module monitors temperatures, receives alerts and reviews logs and control settings from anywhere, anytime via SNMP, web browser, SSH, telnet or command line interface. The built-in LX Platform’s PowerAlert® Device Manager provides a single interface to cycle the connected air conditioner on and off, adjust its fan speed, change its target set point temperature, and switch to dehumidification mode, so excessive heat won’t compromise the performance and reliability of your network equipment.

Designed for Simple Plug-and-Play Installation by Almost Anyone

The self-contained SRCOOL24KE requires no disruptive construction projects or costly service calls from plumbers or HVAC specialists. It rolls on four casters into a compact area of just four square feet. The six-foot power cord’s 6-20P LCDI plug (non-twist/locking) with leakage current protection connects to a standard 208/240V 20A outlet. The unit is programmed to restart automatically after power failures, and a built-in timer allows unattended shutdown and startup.

Specifications

OVERVIEW	
UPC Code	037332289148
INPUT	
Electrical Consumption (Max)	1700 Watts
Nominal Input Voltage(s) Supported	208V AC; 240V AC
Nominal Input Voltage Description	208-240V AC 60 Hz
Input Connection Type	6-20P LCDI - Leakage Current Detection and Interruption plug (non-twist/locking)
Input Plug Features	6-20P LCDI - Leakage Current Detection and Interruption plug (non-twist/locking)
Voltage Compatibility (VAC)	208; 240
Input Frequency	60 HZ
Input Plug Type	6-20P (LCDI) Non-Twist/Locking
Input Cord Length (ft.)	5.9
Input Cord Length (m)	1.80
OUTPUT	
Frequency Compatibility	60 Hz
COOLING	
Airflow	Evaporator = 634 CFM / Condenser = 640 CFM
Cooling Type	Active
Cooling Capacity (BTUs)	24000
Cooling Capacity (kW)	7.0
Refrigerant	R32
Refrigerant Amount	42.33 oz.



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Equivalent Room Size	47 sq. m (505.9 sq. ft.)
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Color	Black
Material of Construction	Steel
Form Factors Supported	Tower
Shipping Dimensions (hwd / in.)	60.40 x 25.20 x 31.50
Shipping Dimensions (hwd / cm)	153.42 x 64.01 x 80.01
Shipping Weight (lbs.)	194.00
Shipping Weight (kg)	88.00
Unit Dimensions (hwd / in.)	45.500 x 22.600 x 27.200
Unit Dimensions (hwd / cm)	97.03 x 52.07 x 55.12
Unit Weight (lbs.)	175.37
Unit Weight (kg)	79.55
FEATURES & SPECIFICATIONS	
Air Supply Tube Length	71 inches
Air Exhaust Tube Length	118 inches
Air Exhaust Tube Diameter	5.16 inches
Compressor Type	Rotary
Dehumidifier	5 liters / hour
Sound Level (Noise)	65dB
Amp Draw Nominal	13.5A
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 60335 (Canada); NOM (Mexico); UL 60335
Product Compliance	CEC (California Energy Commission), Title 20, California Code of Regulations (CCR); DOE (Department of Energy), Title 10 Code of Federal Regulations (CFR) 430; EPA (Environmental Protection Agency), American Innovation and Manufacturing (AIM); NRCAN (Natural Resources Canada); RoHS
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	2-year limited warranty
Product Warranty Period (Latin America)	1-year limited warranty
Product Warranty Period (Puerto Rico)	1-year limited warranty



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