

Portable AC Unit for Server Rooms - 13,000 BTU (3.8 kW), 120V, R32 Refrigerant, Black

MODEL NUMBER: SRCOOL12KE



Portable air conditioner cools small server rooms and network closets or spot-cools a hot rack in a data center.

Features

Portable Close-Coupled Cooling with Upgrades for Better Performance

The upgraded SRCOOL12KE is a portable, compact, self-contained air conditioning unit designed for cooling overheated rack enclosures, IT-equipment hot spots and network closets without access to facility air conditioning. It 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.

13,000 BTU of Cooling Power Protects Your Equipment Against Hazardous High Heat

This server rack cooling unit uses R32 refrigerant to pump 13,000 BTU (3.8kW) ASHRE; 9,000 BTU (2.64kW) SACC of cooling 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 percent. An included 71-inch 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.

Commercial-Grade Components for Reliable Performance

With a 100-percent duty cycle, the SRCOOL12KE can run continuously without costly downtime. It uses copper tubing that is stronger than the aluminum tubing used in most consumer cooling units. The copper allows higher pressures and better weld joints to stand up to the constant vibration of the running compressor.

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

Highlights

- 13,000 BTU (3.8kW) ASHRE of cooling capacity protects vital equipment against overheating
- Lower-GWP with R32 refrigerant and up to 34% more 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
- Compliant to the highest efficiency standards by CEC, DOE, NRCAN, and EPA/AIM
- 100% duty cycle keeps your equipment constantly cool with no downtime

Package Includes

- SRCOOL12KE Portable AC Unit
- Exhaust duct
- Cooling duct
- Adjustable exhaust panel (in 2 sections)
- Self-tapping screw
- (2) Duct adapters
- Exhaust duct adapter
- Louvered vent insert
- Owner's manual



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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 environments.

Add an Optional Remote Management Accessory for 24/7 Monitoring and Control

Install the optional SRCOOLNETLXE network module (sold separately) to monitor temperatures, receive alerts, review 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.

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

The self-contained SRCOOL12KE requires no disruptive construction projects or costly service calls from plumbers or HVAC specialists. It rolls on four casters into a compact 12 x 20 inch area. The six-foot power cord's NEMA 5-15P plug with leakage current protection connects to a standard AC outlet. The unit is programmed to restart automatically after power failures, and a built-in timer allows unattended shutdown and startup. An upgraded motor-start capacitor with a larger capacity ensures a dependable startup.

Specifications

OVERVIEW	
UPC Code	037332289131
INPUT	
Electrical Consumption (Max)	1200 Watts
Nominal Input Voltage(s) Supported	120V AC
Nominal Input Voltage Description	120V AC 60 Hz
Input Connection Type	NEMA 5-15P
Input Plug Features	NEMA 5-15P
Voltage Compatibility (VAC)	120
Input Frequency	60 HZ
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
COOLING	
Airflow	Evaporator = 329 CFM / Condenser = 311 CFM
Cooling Type	Active
Cooling Capacity (BTUs)	13000
Cooling Capacity (kW)	3.8
Refrigerant	R32
Refrigerant Amount	15.5 oz
Equivalent Room Size	258.3 sq. ft. (24 sq. m.)
USER INTERFACE, ALERTS & CONTROLS	



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Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Color	Black
Material of Construction	ABS
Form Factors Supported	Tower
Shipping Dimensions (hwd / in.)	33.10 x 15.40 x 29.00
Shipping Dimensions (hwd / cm)	84.07 x 39.12 x 73.66
Shipping Weight (lbs.)	80.00
Shipping Weight (kg)	36.29
Unit Dimensions (hwd / in.)	30.630 x 11.810 x 19.880
Unit Dimensions (hwd / cm)	77.8 x 30 x 50.5
Unit Weight (lbs.)	71.36
Unit Weight (kg)	32.37
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	2.5 liters / hour
Sound Level (Noise)	57dB
Amp Draw Nominal	10.5A
Pre-Installed Casters	Yes
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 60335 (Canada); 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 (International)	1-year limited warranty
Product Warranty Period (Mexico)	1-year limited warranty
Product Warranty Period (Puerto Rico)	1-year limited warranty



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1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

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