

Portable AC Unit with Ionizer/Air Filter for Labs and Offices - 12,000 BTU (3.5 kW), 120V

MODEL NUMBER: SRCOOL12KWT



Cools and improves air quality in small offices, labs and breakrooms; overheated rack enclosures; or equipment hot spots inside or outside a rack enclosure.

Features

Portable Clean-Air Close-Coupled Cooling with Upgrades for Better Performance

Based on the award-winning SmartRack® SRCOOL12K, the SRCOOL12KWT is a portable, compact, self-contained air conditioner with an ionizer/air filter to improve air quality. It is designed to cool small offices, laboratories and breakrooms without access to facility air conditioning. It can also be used to spot-cool overheated rack enclosures and micro data centers or hot spots inside or outside an enclosure.

12,000 BTU of Cooling Power Protects Against Hazardous High Heat

This cooling unit pumps 12,000 BTU (3.5kW) of cooling into a small room or closet. It uses environmentally friendly R410A refrigerant to comply with worldwide standards. An easy-to-read control panel with diagnostic LEDs provides convenient local management.

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. An included flexible hose expands to 71 inches to help you aim the cold air to a specific spot, such as an overheated rack enclosure or 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, filters and ionizes the air, providing better air quality that can enhance operating conditions.

Commercial-Grade Components for Reliable Performance

With a 100-percent duty cycle, the SRCOOL12KWT 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 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. A microprocessor controls the compressor to cycle on and off, while the evaporator fan stays on to prevent icing in high humidity.

Optional Remote Management Accessory for 24/7 Monitoring and Control

Highlights

- 12,000 BTU (3.5kW) of cooling capacity protects rooms and closets against overheating
- Ionizer/air filter that improves air quality
- Built-in evaporator for drip-free operation—no need to empty water collection tanks
- Self-contained design with no plumbing or special circuits—easy setup by almost anyone
- 100% duty cycle keeps your rooms and equipment constantly cool with no downtime
- Locking pin and security cable with combination lock helps prevent theft and tampering

Package Includes

- SRCOOL12KWT Portable AC Unit with ionizer/air filter to improve air quality
- Louvered front vent insert
- (2) Duct adapters
- Cooling duct
- Exhaust duct
- Exhaust duct adapter
- (2) Adjustable exhaust panels
- Self-tapping screw
- Cable lock set
- Owner's manual

Install the optional SRCOOLNET2LX 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 SRCOOL12KWT requires no disruptive installation projects or costly service calls from 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.

Specifications

OVERVIEW	
UPC Code	037332265746
INPUT	
Electrical Consumption (Max)	1400 Watts
Nominal Input Voltage(s) Supported	120V AC
Input Connection Type	NEMA 5-15P
Input Plug Features	Space-saving right-angled plug
Input Frequency	60 HZ
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
COOLING	
Cooling Type	Active
Airflow	Evaporator = 329 CFM / Condenser = 311 CFM
Cooling Capacity (BTUs)	12000
Cooling Capacity (kW)	3.5
Equivalent Room Size	258.3 sq.ft. (24 sq.m.)
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Color	White
Material of Construction	ABS
Form Factors Supported	Tower

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.)	71.46
Unit Weight (kg)	32.41
FEATURES & SPECIFICATIONS	
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	15.5 oz.
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	CSA (Canada); California Air Resources Board (CARB) - Indoor Air Cleaning Devices; UL 484
Product Compliance	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