Model #: SRCOOL12K

120V Portable Air Conditioning Unit for IT Equipment in Small Server Rooms and Network Closets

Highlights

- Compact, portable, self-contained design reduces maintenance—no water collection tank or drain required
- Rolls into place on built-in casters; does not require an external condenser, refrigerant piping or hiring outside contractors
- Offers both hot-spot and general room cooling with two exchangeable vent styles
- Filters and dehumidifies air to protect equipment
- Auto-restart feature retains all system settings and returns unit back to its last operational state after AC power is restored
- Allows users to remotely monitor and control temperatures, alerts, logs and settings from any location with an Internet connection (requires SRCOOLNET accessory)

Description

With 12,000BTU of cooling power, the 120V, 60 Hz SRCOOL12K is ideal for use in data centers, server and wiring closets, IT environments, home and small business offices, conference rooms, warehouses, entertainment centers or other venues with heat-sensitive equipment, particularly in areas that facility air conditioning can't reach. The SRCOOL12K not only adjusts ambient room temperatures, but can also dehumidify and filter the air, providing better air quality for enhanced equipment performance with minimal noise and power consumption.

The SRCOOL12K has a built-in evaporator that expels the condensed water through the exhaust duct, so there is no need for a drain tube, drain pan or water collection tank. Both a standard louvered vent (for general room cooling) and a directional ducted cooling vent (to direct cold air where most needed) are provided. A directional exhaust duct safely removes hot air from the room. SRCOOL12K comes equipped with an auto-restart feature that retains all system settings and returns the unit back to its last operational state after AC power is restored. A built-in timer enables the unit to be programmed for unattended start-up and shutdown. Controls and displays are conveniently mounted on the top panel. With the optional added accessory of the SRCOOLNET, this communication port allows users to monitor temperatures, receive alerts, review logs and control settings from any location. Designed for quick and simple installation, the SRCOOL12K rolls into place on built-in casters and plugs into a standard 5-15R outlet with no adapter required. An included window/drop ceiling kit provides multiple installation options.

The SRCOOL12K uses environmentally friendly R410a refrigerant, which complies with EPA standards for 2010 and beyond, and is accepted worldwide. It contains zero, ozone depleting R22 refrigerant that has been banned by the EPA for new equipment manufactured after January 1, 2010.

Applications

Supplemental cooling for confined server rooms where the facility HVAC is inadequate or unavailable.

Package Includes

- SRCOOL12K cooling unit
- Louvered front vent
- Directional front vent
- Cold Air directional delivery tube
- Hot exhaust air removal tube
- Dropped ceiling or window heat ventilation kit
- Warranty information
- Instruction manual

Features

- 12,000 BTU of cooling power can cool a 500 square foot room
- Uses environmentally friendly R410a refrigerant (Contains no ozone depleting R22 refrigerant which has been banned by the U.S. EPA in

new equipment after January 1, 2010)

- No water collection tank required. A built-in evaporator expels condensate into the exhaust air stream meaning no drain tube, drain pan or water collection tank that needs to be emptied every few hours
- Cold air output can be precisely directed through a 71" flexible tube to the 'hot spot' for better, faster cooling. (Standard louvered insert is also included for general room cooling)
- Auto-restart feature retains all system settings and returns the unit back to its last operational state after AC power is restored
- Communication port allows users to remotely monitor and control temperatures, alerts, logs and settings from any location with an Internet connection (requires SRCOOLNET accessory)
- Compact, portable, self-contained design; ideal for IT, industrial, commercial and similar applications
- Quick and easy installation. Plugs into a standard 5-15R outlet; no adapter required
- Window/drop ceiling installation kit is included for extracting heat
- Offers 3 different cycles (cool, dehumidify and fan)
- Cools in confined spaces where facility air conditioning can't reach
- Dehumidifies and filters air to promote more efficient equipment performance
- Built-in timer for automatic unattended start-up and shutdown
- System lock function disables all other buttons to prevent accidental input
- Quiet operation with minimal power consumption
- Convenient top-mounted controls and displays
- 120V AC input, 60 Hz frequency compatibility

Specifications

OVERVIEW	
Model Type	Active Cooling
INPUT	
Nominal Input Voltage(s) Supported	120V AC
Electrical Consumption	1250 Watts Max
Input connection type	NEMA 5-15P
Input cord length (ft.)	6
Input cord length (m)	1.83
LEDS ALARMS & SWITCHES	
Front panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Shipping Dimensions (HWD/in)	33.46 x 15.16 x 29.13
Shipping Dimensions (HWD/cm)	85 x 38.5 x 74
Shipping weight (lbs)	83
Shipping weight (kg)	37.65
Unit Dimensions (HWD/in)	30.63 x 11.81 x 19.88
Unit Dimensions (HWD/cm)	77.8 x 30 x 50.5
Unit weight (lbs)	73.9
Unit weight (kg)	33.5
Material of construction	ABS
Color	Black

Form factors supported	Tower

ENVIRONMENTAL

Cooling Capacity	12,000 BTU / 3.5 kW

SPECIAL FEATURES

Dehumidifier	2.5lbs / hour
Compressor Type	Rotary
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	22 oz.
Air Flow	Evaporator = 329 CFM / Condenser = 311 CFM
Amp Draw Nominal	10.5A
Sound Level (Noise)	57dB
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

WARRANTY

Product Warranty Period (Worldwide)	1-year limited warranty
Optional Coverage	Extended Warranty options available (WEXT3-SRCOOL12K = 2-year extension, WEXT5-SRCOOL12K = 4-year extension)

Related Items

Optional Products

Related Model	Description	Qty.
WEXT3-SRCOOL12K	3-Year Extended Warranty (2-Year Extension) for SRCOOL12K	1
WEXT5-SRCOOL12K	5-Year Extended Warranty (4-Year Extension) for SRCOOL12K	1
SRCOOLNET	Power Management Tools - External SNMP/Web Card Module	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at

www.tripplite.com/en/products/model.cfm?txtModelID=4462.