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## Model #: SRCOOL12K

### Portable Air Conditioning Unit for IT Equipment in Server Rooms and Wiring 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
- Cool a 500 square foot room with 12,000 BTU of cooling power
- 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 user to monitor temperatures, receive alerts, review logs and control settings from any location (requires SRCOOLNET accessory available mid-Q3)

#### 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 (available mid Q-3) 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 monitor temperatures, receive alerts, review logs and control settings from any location (requires SRCOOLNET accessory available mid-Q3)
- 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  |
| <b>ENVIRONMENTAL</b>                |  |
| Cooling Capacity                    | 12,000 BTU / 3.5 kW  |
| <b>SPECIAL FEATURES</b>             |  |
| 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  |
| <b>CERTIFICATIONS</b>               |  |
| Certifications                      | Tested to UL484; CSA, RoHS   |
| <b>WARRANTY</b>                     |  |
| Product Warranty Period (Worldwide) | 1-year limited warranty  |
| Optional Coverage                   | Extended Warranty options available (WEXT3-SRCOOL12K = 2-year extension, <a href="#">WEXT5-SRCOOL12K</a> = 4-year extension) |

## Related Items

### Optional Products

| Related Model                   | Description   | Qty. |
|---------------------------------|---|------|
| <a href="#">WEXT3-SRCOOL12K</a> | 3-Year Extended Warranty (2-Year Extension) for SRCOOL12K | 1    |
| <a href="#">WEXT5-SRCOOL12K</a> | 5-Year Extended Warranty (4-Year Extension) for SRCOOL12K | 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](http://www.tripplite.com/en/products/model.cfm?txtModelID=4462).

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