

## SmartRack 12,000 BTU 120V Portable Air Conditioning Unit - Small Server Rooms & Network Closets

MODEL NUMBER: **SRCOOL12K**



### Description

The SRCOOL12K SmartRack 12,000 BTU 120V Portable Air Conditioning Unit pumps 12,000 BTU of cooling power into your IT environment to prevent shutdowns, malfunctions and failures caused by overheating or fluctuating temperatures. Part of the SRCOOL® line, this compact, portable unit is perfect for server rooms and other IT environments with heat-sensitive equipment in areas that facility air conditioning can't reach.

The self-contained SRCOOL12K is capable of cooling a small room using its louvered vent. A built-in evaporator expels the condensed water through the directional exhaust duct, eliminating the need for a drain tube, drain pan or water collection tank.

You can also use the included flexible tube to aim the cold air precisely where it's needed most, such as an overheated rack enclosure or an equipment hot spot. The SRCOOL12K also dehumidifies and filters the air, providing better air quality that can enhance equipment performance with little power consumption.

Designed for quick, simple installation, the SRCOOL12K rolls into place on durable built-in casters and plugs into a standard 15-amp outlet. It's programmed to restart automatically after power failures, and you can set the built-in timer for unattended shutdown and startup.

By installing the optional [SRCOOLNET](#) remote management accessory (sold separately), you can also monitor temperatures, receive alerts, review logs and control settings from anywhere via SNMP, web browser, SSH or telnet.

### Features

#### Compact Cooling

- Provides 12,000 BTU/h (3.5 kW) of cooling capacity in a portable chassis
- Prevents equipment shutdowns, malfunctions and failures caused by overheating and temperature fluctuations
- Also filters and dehumidifies the air to enhance equipment performance
- Uses environmentally friendly R410A refrigerant, which complies with worldwide standards

### Highlights

- Provides 12,000 BTU (3.5 kW) of cooling capacity
- Also filters and dehumidifies air
- Plugs into a standard 15-amp outlet (NEMA 5-15R)
- Restarts automatically after power failure
- Can be operated remotely (requires [SRCOOLNET](#), sold separately)

### Package Includes

- SRCOOL12K SmartRack 12,000 BTU 120V Portable Air Conditioning Unit
- Louvered front vent insert
- Duct adapters
- Cold-air directional delivery tube
- Hot-exhaust removal tube
- Window/drop-ceiling heat-ventilation kit
- Adjustable exhaust panels
- Self-tapping screw
- Warranty information
- Owner's Manual



### Convenient Operation

- Included 71-inch tube aims cold air where it's needed, such as an overheated rack enclosure or equipment hot spot
- Built-in evaporator expels condensed water through exhaust tube—no floor drain or water collection tank needed
- Supports unattended shutdown and startup, including automatic restarts after power failures
- Intuitive top-panel controls with an informative digital display and diagnostic LEDs
- System-lock function disables all other buttons to prevent accidental input
- Optional [SRCOOLNET](#) remote management accessory (sold separately) allows remote monitoring of temperatures, alerts, logs and control settings from any location via SNMP, web browser, SSH or telnet

### Easy to Install

- Rolls into place on built-in casters
- Plugs into a standard 15-amp outlet (NEMA 5-15R)
- Includes window/drop-ceiling kit for extracting heat
- No external condenser, refrigerant piping or professional maintenance required

## Specifications

| INPUT                              |  |
|------------------------------------|--|
| Nominal Input Voltage(s) Supported | 120V AC  |
| Electrical Consumption             | 1400 Watts Max   |
| Input Connection Type              | NEMA 5-15P   |
| Input Cord Length (ft.)            | 6  |
| Input Cord Length (m)              | 1.83   |
| USER INTERFACE, ALERTS & CONTROLS  |  |
| 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)                   | 33.52  |
| 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                        | 2.5 liters/ 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                               |

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