

In-Row Cooler for Server Racks - 33,000 BTU (9.7 kW), 208/240V, 42U

MODEL NUMBER: SRCOOL33K



Self-contained rack cooling system provides up to 33,000 BTU of close-coupled cooling to high-density IT equipment.

Features

Get Highly Efficient, Reliable Cooling in a 42U Rack Form FactorThe harder your data center, network closet or server room works, the more it heats up, leading to inefficient operation, weakened performance and raised cooling costs. To help prevent equipment shutdowns, malfunctions and failures caused by overheating and temperature fluctuations, the SmartRack® SRCOOL33K provides a close-coupled cooling solution in a 42U rack form factor that reduces energy use, lowers operating costs and simplifies installation.

Completely Self-Contained for Simplified and Less Expensive Installation and MaintenanceThe zero-maintenance SRCOOL33K with its intuitive LCD interface is easy to install and operate. You and your IT staff can install it yourself. No costly startup service, electrician or HVAC contractor is needed. A built-in evaporator eliminates condensation through the exhaust air stream, so no costly floor drain, water collection tank, external condenser, refrigerant piping, ductwork or plumbing is required.

Advanced Network Monitoring Keeps You in Touch 24/7The pre-installed Java-free HTML5-based WEBCARDLX interface enables full remote monitoring, configuration, control and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network.

Energy-Saving Features Meant to Save You MoneyA row-based airflow path maximizes hot-aisle/cold-aisle efficiency and cooling predictability by delivering cold air high in the cold aisle and removing hot air in the hot aisle. The SRCOOL33K promotes temperature uniformity from 1U to 42U, allowing your equipment to perform at its peak and reduce power consumption and operating costs, and features an AC-driven rotary compressor.

One-Year Warranty and Environmentally Responsible DesignThe SRCOOL33K comes with a one-year warranty. It's manufactured in compliance with strict RoHS specifications and uses eco-friendly R410a refrigerant.

Specifications

Highlights

- 33,000 BTU (9.7kW) of cooling power in self-contained, row-based, zero-maintenance unit
- Needs no costly electrician or HVAC contractor—can be fully installed by IT staff
- Expels condensation through exhaust air system—no floor drain or water collection tank required
- 10-ft. (3.05 m) cord with NEMA L6-30P plug connects to 208/240V outlet
- Supports remote management 24/7 via pre-installed WEBCARDLX network interface

Applications

- Primary cooling of high-density equipment in a small server room, wiring closet or data center

Package Includes

- SRCOOL33K SmartRack Energy-Saving, Row-Based Server Rack Cooling Unit - 33,000 BTU, 208/240V
- Flexible air ducts
- Hot-exhaust removal tube
- Unloading ramps
- Unpacking guide
- Installation manual
- Owner's manual

| OVERVIEW | |
|--|---|
| UPC Code | 037332172280 |
| INPUT | |
| Nominal Input Voltage(s) Supported | 208V AC; 240V AC |
| Nominal Input Voltage Description | 208-240V AC 60 Hz |
| Maximum Input Amps | 17.9 |
| Input Connection Type | L6-30P Input Cordset |
| Input Plug Features | L6-30P Input Cordset |
| Voltage Compatibility (VAC) | 208; 240 |
| Input Frequency | 60 Hz |
| Maximum Surge Amps | 23 |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3.05 |
| COOLING | |
| Airflow | 1200 CFM |
| Cooling Type | Active |
| Cooling Capacity (BTUs) | 33000 |
| Cooling Capacity (kW) | 9.7 |
| Refrigerant | R410a (Environmentally friendly, Non ozone depleting) |
| Refrigerant Amount | 2.25 KG |
| Equivalent Room Size | 115 sq. m (1,250 sq. ft.) |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LEDs | Multi-line LCD control panel |
| PHYSICAL | |
| Color | Black |
| Material of Construction | Aluminium, Steel |
| Shipping Dimensions (hwd / in.) | 84.40 x 25.60 x 44.90 |
| Shipping Dimensions (hwd / cm) | 214.38 x 65.02 x 114.05 |
| Shipping Weight (lbs.) | 630.00 |
| Shipping Weight (kg) | 285.76 |
| Unit Dimensions (hwd / in.) | 78.400 x 23.600 x 42.700 |
| Unit Dimensions (hwd / cm) | 199.14 x 59.94 x 108.46 |
| Unit Weight (lbs.) | 558.00 |



Powering Business Worldwide



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|--------------------------------------|---------------------------------|
| Unit Weight (kg) | 253.10 |
| FEATURES & SPECIFICATIONS | |
| Air Exhaust Tube Length | 98 inches |
| Air Exhaust Tube Diameter | 9.84 inches |
| Compressor Type | Rotary |
| Dehumidifier | 3.35 liters / hour |
| Sound Level (Noise) | 60 dB |
| Amp Draw Nominal | Variable |
| STANDARDS & COMPLIANCE | |
| Product Certifications | CSA (Canada); UL 484 |
| Product Compliance | RoHS; FCC Part 15 Class A (USA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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