

SmartRack Energy-Saving, Row-Based Server Rack Cooling Unit - 33,000 BTU, 200-240V, Hardwire Input

MODEL NUMBER: SRXCOOL33K



Description

The 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. In fact, cooling can consume more than half of the power used by a high-density installation—start saving power and money with Tripp Lite's SRXCOOL33K today! The SRXCOOL33K Row-Based Server Rack Cooling System provides 33,000 BTU of efficient, reliable cooling in a 42U rack form factor. It features cutting-edge components that limit inrush current and enable precision cooling adjustments to minimize power consumption, maximize cooling and improve your application efficiency.

By delivering cold air high in the cold aisle, the SRXCOOL33K Row-Based Rack Air Conditioner promotes temperature uniformity from 1U to 42U, allowing your equipment to perform at its peak. Controlling the unit is simple with the intuitive LCD display, or control it from anywhere in the world with the included Modbus card or an optional network interface (Tripp Lite SNMPWEBCARD, sold separately). With hardwire input (user supplied IEC 309 32-amp set, optional) and exhaust connection directly into the drop ceiling, you can install the unit with no electrician or contractor necessary, saving on up-front installation costs. Maintenance is no-hassle due to the self-contained design, which requires no water collection tank or extra plumbing, while RoHS compliance and eco-friendly R410a refrigerant means you'll never have to worry about meeting environmental standards.

Features

- 33,000 BTU (9.7kW) of cooling power with 1/3 less power consumption
- Variable-speed, DC-inverter-driven compressor and microprocessor-controlled electronic expansion valve (EEV) enable precision cooling adjustments--no more wasteful, noisy cycling between off and full blast

Highlights

- 33,000 BTU (9.7kW) of cooling power with 1/3 less power consumption
- Variable-speed, DC-inverter-driven compressor and microprocessor-controlled electronic expansion valve (EEV) enable precision cooling adjustments--no more wasteful, noisy cycling between off and full blast
- Soft-start feature limits inrush current to prevent introduction of line noise, voltage disruptions and potential circuit overloads
- Self-contained, zero-maintenance unit re-humidifies condensate and expels it through the exhaust air stream--no floor drain, water collection tank, external condenser, refrigerant piping, duct work or plumbing required
- Hardwire Input (User-supplied IEC 309 32-amp set, optional) - no electrician needed
- 200-240V AC Input, 50/60 Hz frequency compatibility

Package Includes

- SRXCOOL33K SmartRack Energy-Saving, Row-Based Server Rack Cooling Unit - 33,000 BTU, 200-240V, Hardwire Input
- Flexible Air Ducts
- Unpacking Guide, Installation Manual and Owner's Manual



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- Self-contained, zero-maintenance unit re-humidifies condensate and expels it through the exhaust air stream--no floor drain, water collection tank, external condenser, refrigerant piping, duct work or plumbing required
- Convenient LCD control panel and network interface provide local and remote monitoring and control of temperature, humidity, fan speed, alarms and logging via front-panel buttons, SNMP, Web, telnet/SSH or Modbus
- Row-based airflow path maximizes hot-aisle/cold-aisle efficiency and cooling predictability by supplying cold intake air high in the cold aisle and removing hot equipment exhaust air high in the hot aisle
- Hardwire (User-supplied IEC 309 32-amp set, optional) - no electrician needed
- RoHS compliance and R410A refrigerant meets environmental standards worldwide
- 200-240V AC Input, 50/60 Hz frequency compatibility

- Unloading Ramps
- Hot Exhaust Removal Tube
- Owner's Manual

Specifications

OVERVIEW	
UPC Code	037332178695
INPUT	
Nominal Input Voltage(s) Supported	200V AC; 208V AC; 220V AC; 240V AC
Input Connection Type	Hardwire
Input Frequency	50/60 Hz
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Multi-line LCD control panel
PHYSICAL	
Shipping Dimensions (hwd / in.)	85.50 x 26.50 x 46.85
Shipping Dimensions (hwd / cm)	217.17 x 67.31 x 119.00
Shipping Weight (lbs.)	775.00
Shipping Weight (kg)	351.53
Unit Dimensions (hwd / in.)	78.5 x 23.63 x 43
Unit Dimensions (hwd / cm)	199.39 x 60.02 x 109.22
Unit Weight (lbs.)	700



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Unit Weight (kg)	317.51
Material of Construction	Steel/Aluminum
Color	Black
ENVIRONMENTAL	
Cooling Capacity	33,000 BTU / 9.7 kW
SPECIAL FEATURES	
Dehumidifier	3.2 L/HR
Compressor Type	DC inverter driven variable speed
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	8.4lbs
Air Flow	1200 CFM
Amp Draw Nominal	Variable
Sound Level (Noise)	<= 75dB
Air Exhaust Tube Length	98 inches
Air Exhaust Tube Diameter	9.84 inches
CERTIFICATIONS	
Certifications	Tested to UL484; CSA, CE, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>