SmartRack 33,000 BTU 200-240V Energy-Saving, Row-Based Air Conditioning Unit with L6-30P Input Plug

MODEL NUMBER: **SRCOOL33K**

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 SRCOOL33K today! The SRCOOL33K 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 SRCOOL33K 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 the heavy-duty L6-30P plug and exhaust connection directly into the drop ceiling, the unit can be user-installed with no electrician or contractor, saving on up-front 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
- Soft-start feature limits inrush current to prevent introduction of line noise, voltage disruptions and potential circuit overloads

Highlights

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- 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
- Includes a standard heavy-duty L6-30P input plug for easy installation - no electrician needed
- 200-240V AC Input, 50/60 Hz frequency compatibility

Package Includes

- SRCOOL33K Air Conditioning Unit
- Flexible Air Ducts
- Unpacking Guide, Installation Manual and Owner's Manual

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- 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
- Includes a standard heavy-duty L6-30P input plug for easy installation - no electrician needed
- RoHS compliance and R410A refrigerant meets environmental standards worldwide
- 200-240V AC Input, 50/60 Hz frequency compatibility

- Unloading Ramps
- 10-ft. L6-30P Input Cordset
- Hot Exhaust Removal Tube
- Owner's Manual

Specifications

INPUT	
Nominal Input Voltage(s) Supported	200V AC; 208V AC; 220V AC; 240V AC
Input Connection Type	L6-30P Input Cordset
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
Input Frequency	50/60 Hz

USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Multi-line LCD control panel

PHYSICAL	
Shipping Dimensions (hwd / in.)	85.5 x 26.5 x 46.85
Shipping Dimensions (hwd / cm)	217.17 x 67.31 x 119
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
Unit Weight (kg)	317.51
Material of Construction	Steel/Aluminum
Color	Black

ENVIRONMENTAL	
Cooling Capacity	33,000 BTU / 9.7 kW

SPECIAL FEATURES	
Dehumidifier	2.5 gal/hour
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, RoHS, FCC Class A
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty