SmartRack 25U Standard-Depth Self-Cooling Rack Enclosure with 3.5kW (12kBTU) Top-of-Rack Air Conditioner

MODEL NUMBER: **SRCOOL3KTP25U**

Not for sale in California, Massachusetts, New York, Vermont, Washington, Maryland, Maine, New Jersey, Oregon, Rhode Island, USA.
Houses, organizes, secures and cools standard rack equipment in edge micro data centers and other mission-critical IT applications.

Features

Rack Cabinet/Cooling Unit Combo with a Convenient Space-Saving Design
The SmartRack® SRCOOL3KTP25U combines a custom standard-depth rack enclosure cabinet and a 3.5kW (12,000 BTU/hr) Top-of-Rack Precision Cooling Air Conditioner into one convenient plug-and-play platform. It is an ideal bundle for tight-fitting edge micro data centers and other mission-critical IT applications, including retail and commercial outlets (storefronts and branch offices), light industrial environments (factories and warehouses) and research/development locations (laboratories and workshops).

Standard-Depth 25U Server Cabinet Accommodates 19 in. Rack Equipment
The 25U rack enclosure is constructed from heavy-duty steel with a durable black powder-coated finish. The EIA-compliant rack has a maximum stationary load capacity of 3000 pounds (1363 kilograms) and a maximum rolling load capacity of 2250 pounds (1022 kilograms).

3.5kW (12,000 BTU/hr) Cooling Capacity Protects Your Equipment and Prevents Expensive Downtime
The top of the rack is left open to accommodate the air conditioner. It delivers 3.5kW (12 kBTU/hr) of cooling to your equipment to help prevent sudden shutdowns, malfunctions and other failures caused by overheating or fluctuating temperatures. The self-contained close-coupled cooling unit mounts on top of the enclosure to save valuable rack space and floor space. Top installation allows cold air to flow downward and heat to rise naturally. The rack is specially outfitted with sealing panels to prevent loss of airflow.

Rack AC Unit Focuses Cold Air Where It's Most Needed
The low-maintenance cooling unit requires no HVAC specialist to install. It uses environmentally friendly R410A refrigerant to focus cold air directly into the rack to efficiently cool equipment. Variable fan speed adjusts the cooling output to the need of the IT load to prevent on/off cycling and large temperature swings. An included color touchscreen LCD for convenient commisioning, status monitoring and diagnostics right at your fingertips.

Built-In Evaporator Expels the Condensed Water Through the Exhaust Duct

Highlights

- 3.5kW (12kBTU) cooling capacity protects rack equipment against overheating
- Top-of-rack mounting saves floor space and allows cold air to flow naturally downward
- Built-in LX Platform interface allows full remote monitoring and control 24/7
- Provides physical equipment and media security required for PCI DSS compliance
- Maximum capacity: 3000 lb. (1361 kg) stationary, 2250 lb. (1021 kg) rolling load

Package Includes

- Pre-Assembled SRCOOL3KTP Top-of-Rack Precision Cooling Air Conditioner
- SR25UBAC 25U Server Rack with pre-assembled 1U blanks in the front rails to optimize cold air flow
- (2) Doors with Plexiglas window
- (2) Side panels
- (2) Side panel locks
- (2) Keys
- (50) M6 screws
- (50) M6 washers
- (50) M6 cage nuts
- Touchscreen LCD and necessary cabling
- Rack-mounting hardware
- Owner's manuals

The evaporator expels water through the exhaust duct, which means no costly plumbing connections or water tanks to empty. No external condenser or refrigerant piping is required for operation. Internal leak detection automatically turns off the cooling system to prevent condensate from entering the rack.

Commercial-Grade Components for Reliable Performance
With a 100-percent duty cycle, the cooling unit can run continuously without costly downtime. It uses copper tubing that is stronger than the aluminum tubing used in most consumer cooling units. The copper allows higher pressures and better weld joints to stand up to the constant vibration of the running compressor.

LX Platform Remote Network Interface Offers 24/7 Monitoring and Control
The cooling unit maybe remotelly managed using Eaton's Brightlayer or legacy PowerAlert® Device Manager around-the-clock for peace of mind. You can configure settings, events and actions, as well as power the unit on and off or graph temperatures over time without being on site. You can also receive configurable alarm notifications via email, SMS or SMNP. The cooling unit will restart automatically after a power failure.

Keeps Important Equipment Secure
The rack's reversible front and back doors and removable side panels lock securely with the included keys to help prevent damage, tampering or theft. The doors and side panels are designed for quick release, making it simple to access connected equipment and cabling with little effort. The sealed bottom panel features cable entry ports that allow swift cable routing through the cabinet. Plexiglas panels in both doors optimize cooling within the enclosed space.

Easy Enclosure and Equipment Installation
The rack comes assembled for quick and easy deployment with pre-installed (and removable) casters that let you maneuver it over a level surface and through a standard doorway into position, where it can be stabilized by adjusting the levelers (also removable). Front and rear mounting rails accept standard rack equipment up to 32 inches (813 millimeters) deep when vertical PDU are not used, and 27 inches (686 millimeters) when vertical PDUs are used. Toolless 0U mounting rails allow quick installation of up to four compatible PDUs and vertical cable managers.

Designed for Baying Multiple Enclosures in a Row
Built-in baying brackets allow the combination of two or more rack cabinets in a row. Center-to-center width can be set at 24 inches (600 millimeters) to match standard data center floor tiles.

Meets Payment Card Industry Standards
The SRCOOL3KTP25U provides physical equipment and media security required for PCI DSS (Payment Card Industry Data Security Standard) compliance. This is essential for companies that process, store and/or transmit credit card information.

Specifications

OVERVIEW	
UPC Code	037332275707
Device Compatibility	Network Switch; PDU; Server; UPS
INPUT	
Electrical Consumption (Max)	3536 Watts
Nominal Input Voltage(s) Supported	208V AC
Nominal Input Voltage Description	200-240 VAC 60 Hz
Input Connection Type	Hardwire
Input Plug Features	Hardwire

Voltage Compatibility (VAC)	200-240
Input Frequency	60 HZ
OUTPUT	
Frequency Compatibility	60 Hz
COOLING	
Cooling Capacity (BTUs)	12000
Cooling Capacity (kW)	3.5
PHYSICAL	
Color	Black
Rack Height	25U
Rack Depth	Standard
Form Factors Supported	Rackmount
Maximum Device Depth (cm)	81.28
Maximum Device Depth (in.)	32
Maximum Device Depth (mm)	813
Unit Dimensions (hwd / in.)	64.110 x 23.730 x 42.950
Weight Capacity - Stationary (kg)	249
Weight Capacity - Stationary (lbs.)	550
FEATURES & SPECIFICATIONS	
Built-in Cable Management	No
Extra Wide	No
Locking	Yes
Pre-Installed Casters	Yes
Outdoor Use	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS

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