

The air conditioning system component requires professionally installed piping and electrical connections between the indoor cooling unit and the outdoor condenser, which mounts on a rooftop or condenser yard.

SmartRack Pre-Configured, Self-Cooling Modular Data Center - 44U Rack, 25 kW AC Unit

MODEL NUMBER: **SRP-R-C25**



Not for sale in California, Massachusetts, New York, Vermont, Washington, Maryland, Maine, New Jersey, Oregon, Rhode Island, USA.

Features

Scalable Modular Data Center Promotes Quick Configuration and Lower Costs

The growth of edge computing and distributed AI has increased demand for small data centers with shorter deployment cycles, lower costs and optimized capacity. This SmartRack® Modular Data Center is composed of IT rack and cooling enclosures that form a performance optimized data center (POD). This solution reduces deployment time, lowers cost and simplifies the process of launching a new data center.

Easy Configuration and Scalability

The SRP-R-C25's IT rack enclosure houses up to 44U of rack-mounted equipment on built-in rails. The cooling enclosure comes with a slim 25 kW in-row cooling unit (SRCOOLDXRW25) to help prevent equipment malfunctions due to overheating or fluctuating temperatures. Together, the IT rack enclosure and the data center cooling enclosure form an efficient closed-loop cooling system.

Equipment Protection

POD enclosures protect equipment from physical and environmental conditions found in factories, warehouses and other edge computing locations. Power and data cables are separated from cooling lines, protecting them from moisture. The IT rack enclosure has locking front and back doors with clear acrylic windows that allow convenient visual monitoring of equipment.

Efficient Cooling

The SRCOOLDXRW25 in-row precision cooling system includes an outdoor condenser. Removable side panels form a closed-loop cooling system with the rack enclosure to help prevent equipment malfunctions due to overheating or fluctuating temperatures. Precision cooling eliminates hot spots, prevents hot/cold mixing, reduces energy consumption, increases cooling capacity and decreases fan noise. A user-friendly color touchscreen allows local access to data and status information. The built-in WEBCARDLXMINI network interface allows remote monitoring and control.

Hassle-Free Transport and Positioning

The POD's modular data center enclosures are durable enough to be transported on a standard flatbed truck. They arrive on-site ready to be populated, connected and powered. Included metal casters help you move the enclosures into their permanent position.

Highlights

- Reduces deployment time, lowers your costs and simplifies the launching process
- Houses up to 44U of rack-mount equipment on built-in mounting rails
- Slim 25 kW in-row cooling unit helps prevent equipment downtime due to overheating
- Ships ready for immediate population, connection and powering up
- Ideal for edge computing, AI and machine learning, and manufacturing applications

Package Includes

SRP-R-C25 SmartRack Modular Data Center



Powering Business Worldwide

Simple Maintenance Access

Access to equipment is easy through the enclosures' removable, locking side panels. The cooling unit's filters are user-replaceable with readily available standard-size filters.

Specifications

| OVERVIEW | |
|-----------------------------------|---|
| UPC Code | 037332287793 |
| Device Compatibility | Network Switch; PDU; Patch Panel; Server; UPS |
| INPUT | |
| Input Connection Type | 3-wire / 4-wire + Ground |
| Voltage Compatibility (VAC) | 208 |
| Input Frequency | 60 Hz |
| OUTPUT | |
| Frequency Compatibility | 60 Hz |
| COOLING | |
| Airflow | 2,950 CFM |
| Cooling Type | Active |
| Cooling Capacity (BTUs) | 88000 |
| Cooling Capacity (kW) | 25.8 |
| Refrigerant | R410A |
| Full Cooling Specifications | Direct Expansion (DX) |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | 7-inch color touchscreen |
| PHYSICAL | |
| Color | Black |
| Rack Height | 44U |
| Rack Depth | Deep |
| Maximum Device Depth (cm) | 123.70 |
| Maximum Device Depth (in.) | 48.7 |
| Maximum Device Depth (mm) | 1,237 |
| Unit Dimensions (hwd / in.) | 95.070 x 40.390 x 64.880 |
| Unit Weight (lbs.) | 1447 |
| Unit Weight (kg) | 656.35 |



Powering Business Worldwide

| | |
|---|---|
| Weight Capacity - Stationary (kg) | 1,361 |
| Weight Capacity - Stationary (lbs.) | 3000 |
| Complete Configuration Dimensions (hwd / in.) | 95.070 x 40.390 x 64.880 |
| Complete Configuration Dimensions (hwd / cm) | 241.48 x 102.59 x 164.80 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 64° to 104°F (18° to 40°C) |
| Storage Temperature Range | -40° to 140°F (-40° to 60°C) |
| Operating Elevation | 0-13123 ft. (0-4000 m) |
| Audible Noise | < 68 DBA |
| Operating Humidity Range | 5 to 80% RH |
| Condensate Drain Pumps (L/HR) | 9 liters/hr per cooling unit |
| Condensate Water Drains | Yes |
| FEATURES & SPECIFICATIONS | |
| Grounding Details | Front and back door frames |
| Compressor Type | Rotary (Inverter Driven) |
| Sound Level (Noise) | < 68 DBA |
| Ingress Protection (IP) Rating | IP54 |
| Built-in Cable Management | Yes |
| Extra Wide | No |
| Fans (Type/Quantity) | EC 0-3000 RPM x 6 |
| Locking | Yes |
| Pre-Installed Casters | Yes |
| Outdoor Use | No |
| STANDARDS & COMPLIANCE | |
| Protection Rating | IP54 |
| Product Compliance | FCC Part 15 Class A (USA); RoHS |
| WARRANTY & SUPPORT | |
| Warranty Details | 1-year limited warranty for cooling unit; 5-year limited warranty for Rack Enclosure |
| COMPONENTS | |
| IT Rack Description | IT rack enclosure (44U) — Clear acrylic windows in the front and back doors allow equipment monitoring without unlocking the doors. |
| IT Rack Quantity | 1 |



Powering Business Worldwide

| | |
|-------------------------------|--|
| Cooling Enclosure Description | Cooling enclosure secures the cooling unit at the top and bottom via brackets, and include connections hole patterns at the top and bottom of the enclosure. |
| Cooling Enclosure Quantity | 1 |
| Service Enclosure Quantity | 0 |

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

© 2026 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.