SmartRack 24U Standard-Depth Half-Height Rack Enclosure for Harsh Environments

MODEL NUMBER: **SR24UBFFD**

Ideal storage for sensitive rack-mounted equipment that needs extra protection from harsh conditions. Perfect for factories, construction areas, warehouses and other areas high in moisture, dust and debris. Fully compliant with IP54 standards.

Description

The SR24UBFFD SmartRack 24U Standard-Depth Rack Enclosure Cabinet is ideal for storing sensitive 19-inch rack equipment in factories, power stations, water treatment plants, construction areas, shipping facilities, warehouses, transport hubs and other working environments high in moisture, dust and debris. Constructed from heavy-duty steel in a durable black powder-coat finish, the SR24UBFFD supports a maximum load capacity of 1000 lbs (453.6 kgs). The louvered front door and built-in dust filters prevent drips, splashes and airborne contaminants from getting inside the enclosure. You can replace the filters with standard 20 x 24 x 1-inch furnace filters.

Eight high-performance fans are built into the door to pull air through the enclosure and keep your equipment cool. Dust- and drip-resistant top and bottom ports allow easy cable routing through the enclosure. To ensure your valuable equipment stays secure, the reversible front and rear doors and removable side panels lock tight.

The SR24UBFFD comes fully assembled and ready to use with removable casters and levelers for smooth deployment and placement. Installing equipment within the enclosure is easy with its square holes and numbered rack spaces. The front and rear vertical mounting rails adjust to accommodate equipment from 3 to 32.5 inches deep.

Features

Ideal for Physically Tough Working Environments Perfect for factories, power stations, water treatment plants, construction areas, shipping facilities, warehouses, transport hubs and other working environments high in moisture, dust and debrisHouses standard 19 in. rack equipment in 24U of spaceSupports maximum load capacity of 1000 lb.

Protects Against Harsh Conditions8 high-performance fans built into front door pull air through enclosure and cool equipmentLouvered front door blocks drips, splashes and falling debris from entering enclosureBuilt-in dust filters keep out airborne contaminantsFilters can be removed and replaced with standard 20 x 24 x 1 in. furnace filtersFans powered by detachable 10-ft. (3.05 m) AC cord with NEMA 5-15P plug

Keeps Important Equipment Secure Reversible doors and removable side panels lock tightConvenient ports with removable covers allow cable routing through top and bottom

Easy Enclosure and Equipment Installation Ships fully assembled and ready to useFront and rear mounting rails accommodate equipment from 3 to 32.5 in. deepRails adjust easily—unscrew them, slide them to desired depth, and screw them back inRails support square-hole mountingRack spaces

numbered for easy referenceRemovable casters and levelers help with minor position adjustments and stabilizationMounting hardware included

Meets Payment Card Industry Standards Provides physical equipment and media security required for PCI DSS (Payment Card Industry Data Security Standard) compliance

Specifications

OVERVIEW	
UPC Code	037332188786
Device Compatibility	Patch Panel; Network Switch; UPS; Server
Rack Type	Half-Height Enclosure

INPUT	
Nominal Input Voltage(s) Supported	120V AC
Nominal Input Voltage Description	120V 50/60 Hz
Input Plug Type	NEMA 5-15P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05

PHYSICAL	
Color	Black
Rack Height	24U
Rack Depth	Mid
Factory Preset Rack Depth (in.)	10.42
Factory Preset Rack Depth (cm)	26.5
Factory Preset Rack Depth (mm)	265
Maximum Device Depth (cm)	82.55
Maximum Device Depth (in.)	32.5
Maximum Device Depth (mm)	826
Minimum Device Depth (cm)	7.62
Minimum Device Depth (in.)	3
Minimum Device Depth (mm)	76
Shipping Dimensions (hwd / in.)	51.32 x 25.00 x 39.57
Shipping Dimensions (hwd / cm)	130.35 x 63.50 x 100.51
Shipping Weight (lbs.)	242.50
Shipping Weight (kg)	110.00
Unit Dimensions (hwd / in.)	46.800 x 23.600 x 38.500

Unit Dimensions (hwd / cm)	118.87 x 59.95 x 97.79
Unit Weight (lbs.)	209.43
Unit Weight (kg)	95.00
Weight Capacity - Rolling (kg)	454
Weight Capacity - Rolling (lbs.)	1000
Weight Capacity - Stationary (kg)	454
Weight Capacity - Stationary (lbs.)	1000
Number of Vertical Mounting Rails	4

FEATURES & SPECIFICATIONS

Grounding Details	Front and back door frames
Built-in Cable Management	Yes
Extra Wide	No
Locking	No
Pre-Installed Casters	Yes
Outdoor Use	No

STANDARDS & COMPLIANCE

Protection Rating	IP54
Product Certifications	IEC 60297-3
Product Compliance	RoHS; EIA/ECA-310-E

WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	2-year limited warranty