We connect and protect

ProLine FloTek TD (Top Duct) Server Cabinet BM, 78.37x23.94x47.22, Black, Steel

Data Solutions

CATALOG NUMBER

PSTD20612BM

ProLine FloTek TD improves equipment efficiency and lowers energy costs by directing hot exhaust from the cabinet up above the plenum or drop ceiling and away from the cold room air. Photo shown with Tool-less (Snap-in) Blanking Panels installed. Order separately.

INDUSTRY STANDARDS

EIA 310-D

FEATURES

- Designed for use with 19-in. rack-mounted servers, blade servers and other equipment
- Adjustable top duct (chimney) is provided in two different standard heights to fit various Data Center ceilings
- Chimney is pre-assembled and shipped inside the cabinet to ease assembly and avoid extra parcels and shipping damage
- S-connectors provided with chimney to facilitate connection to HVAC duct work
- Edge gasket provided with chimney to prevent hot exhaust gas from mixing with cold airflow
- Cabinet is provided with seals and blocking panels to eliminate cold air bypass
- Includes two sets of fully adjustable mounting angles which are RU marked front and back to facilitate assembly
- Open base allows under-floor cable entry
- Fully perforated front door provides unrestricted cold airflow to equipment
- Front sealed 19-in. mounting rails and top/bottom air blocking plates prevent cold air bypass
- Solid rear door directs hot exhaust into chimney to prevent mixing with cold airflow
- Data center efficiency increases when cold and hot airflows are kept separate resulting in higher CRAC temperatures (cold airflow to the equipment)
- Reduces overall energy needs with more efficient cold air delivery to equipment
- Allows increased thermal loads and higher server densities inside cabinet
- Can be used on raised and non-raised floors

Top sliding gland plate accommodates cables, cable bundles and pre-terminated patch panels

Chimney provided with edge gasket and S-connectors

Attractive, rigid front door made of aluminum extrusions and formed perforated steel, with more than 60 percent open space for free flow of cool air to equipment

Front door is left-hinged and reversible

Front and rear doors have keyed multi-point vault-style latch system and central key lock to ensure security

Solid rear door is fully gasketed to ensure all hot exhaust is directed to top duct

Front air dam surrounds mounting rack angles to prevent cold air bypass

Top and sides are formed steel

Rack angles have .375-in. spaced square holes per EIA standards

PRODUCT ATTRIBUTES

Article Number: 19274

Height: 1991mm

Width: 608mm

Depth: 1199mm

Material: Steel

Finish: Powder Coated

Color: Jet Black

Color Code: RAL 9005

Thickness: 1.5mm

Rack Units: 42U

Min H: 2600mm

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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