V-RACK

INDUSTRIAL RACKS
& ENCLOSURES
COMPLETE ENCLOSURE SOLUTIONS

The Group was established in the year 1965 and has evolved as world class manufacturer, designer and solution provider of enclosures which includes precision 19", Data, server, open frame, ruggedized, sub racks and accessories used in wide spectrum of industries such as IT, Data centre, telecom, electrical power protection, defense and aerospace, health care and display system.

The group designs, manufactures, assembles and offer solutions by adopting innovative State-of-Art Manufacturing Technologies, Systems, processes for cost effective, competitive, innovative and functional products.

V-RACK

FM-1 series racks are 19" series designed for IT, Data Centre and industrial type enclosure. Racks are manufactured with welded Steel Frame which offer high strength and support for several applications.

PRODUCT SALIENT FEATURES:
- Conforms to DIN 41494
- Adjustable mounting rails
- Earthing provision for doors and frame
- Powder coated / plating finish
- Adjustable 19" L angles at front and rear
- Compatible with standard 19" accessories kit
- Panel baying option side by side and back to back

MATERIAL AND FINISH:
- Frames with GI or CRCA powder coated with Revan black SG finish or as per requirement

ORDERING INFORMATION:

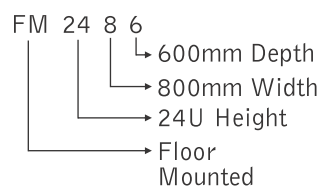| HEIGHT	WIDTH	DEPTH	
		600	800
24U	600	FM1-2466	FM1-2468
	800	FM1-2486	FM1-2488
30U	600	FM1-3066	FM1-3068
	800	FM1-3086	FM1-3088
36U	600	FM1-3666	FM1-3668
	800	FM1-3686	FM1-3688
42U	600	FM1-4266	FM1-4268
	800	FM1-4286	FM1-4288
45U	600	FM1-4566	FM1-4568
	800	FM1-4586	FM1-4588

* All dimensions in mm

SCOPE OF SUPPLY:
- Enclosure frame assembly
- Front & rear plain door with three point locking system
- Top with cutout & cover plate fitted with 4 eye bolts
- Bottom GI gland plate
- 19" Mounting angles with U-Graduations
- Vertical cable trough (for 800w racks)

OPTIONAL ACCESSORIES:
- Side panels
- Fixed, sliding & cantilever shelves
- Cable management systems
- Power distribution units
- Castor wheels and levelling feet
- Blank plates
- Earthing kits
- Fan tray units
- Mounting hardware
- Plinth - C type

NOMENCLATURE

FM 24 8 6
↳ 600mm Depth
→ 800mm Width
→ 24U Height
→ Floor Mounted

V-RACK

FM-2 series racks are ETSI Standard designed for Telecommunications Type Enclosures. This Supports mounting ETSI Standard equipment. Racks are manufactured with welded Steel or aluminum extrusion Frame.

PRODUCT SALIENT FEATURES:
• Conforms to DIN 41494 and ETSI Specifications
• Adjustable depth rails
• Earthing provision for doors and frame
• Powder coated / plating finish
• Adjustable L angles at front and rear

MATERIAL AND FINISH:
CRCA Frame Powder Coated with Revan Black SG finish and other parts RAL 7035 SG finish or as per requirement.
GI, SS options available

SCOPE OF SUPPLY:
• Enclosure frame assembly
• Front & rear plain door with three point locking top cover with perforated sheet
• Bottom GI gland plate
• Mounting angles with Zinc plating
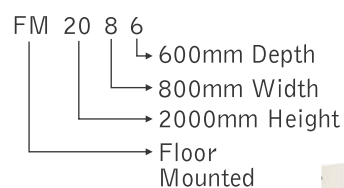• Vertical cable trough (for 800w racks)

OPTIONAL ACCESSORIES:
• Side panels
• Fixed, sliding & cantilever shelves
• Cable management systems
• Power distribution units
• Castor wheels and levelling feet
• Blank plates
• Earthing kits
• Fan tray units
• Mounting hardware
• Plinth - C type

ORDERING INFORMATION:

HEIGHT	WIDTH	DEPTH	
		600	800
1800	600	FM2-1866	FM2-1868
	800	FM2-1886	FM2-1888
2000	600	FM2-2066	FM2-2068
	800	FM2-2086	FM2-2088
2200	600	FM2-2266	FM2-2268
	800	FM2-2286	FM2-2288

* All dimensions in mm

NOMENCLATURE

FM 20 8 6
↳ 600mm Depth
→ 800mm Width
→ 2000mm Height
→ Floor Mounted

V-RACK

FM - 3 Series racks are used for IP rated and Network application. Racks are suitable for outdoor application. We produce IP54 & IP55 range cabinets.

PRODUCT SALIENT FEATURES:
• Conforms to DIN 41494
• Powder coated / plating finish
• Adjustable L angles at front and rear

MATERIAL AND FINISH:
CRCA frame powder coated with Revan Black SG finish and other parts RAL 7035 SG finish or as per requirement.
GI, SS options available

ORDERING INFORMATION:

HEIGHT	WIDTH	DEPTH	
		600	800
24U	600	FM3-2466	FM3-2468
	800	FM3-2486	FM3-2488
30U	600	FM3-3066	FM3-3068
	800	FM3-3086	FM3-3088
36U	600	FM3-3666	FM3-3668
	800	FM3-3686	FM3-3688
42U	600	FM3-4266	FM3-4268
	800	FM3-4286	FM3-4288

SCOPE OF SUPPLY:
• Enclosure frame assembly
• Front & rear plain door with three point locking
• Top plain with rain canopy
• Bottom gland plate
• Mounting angles, powder coated
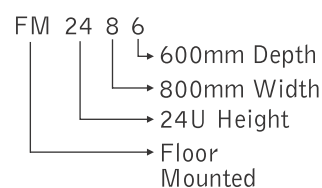• Vertical cable trough (for 800w racks)

OPTIONAL ACCESSORIES:
• Side panels
• Fixed shelves
• Cable management systems
• Power distribution units
• Castor wheels and levelling feet
• Blank plates
• Earthing kits
• Fan tray units
• Mounting hardware
• Plinth - C type
• Smoke alarm sensor

NOMENCLATURE

FM 24 8 6
↳ 600mm Depth
→ 800mm Width
→ 24U Height
→ Floor Mounted

* All dimensions in mm

V-RACK

FM - 4 Series rack are economical solution for network and server applications. Racks are manufactured with welded steel frame which offers good strength and support for 19" Equipment's.

PRODUCT SALIENT FEATURES:
• Conforms to DIN 41494
• Adjustable mounting rails
• Powder coated / plating finish
• Adjustable 19" L angles at front and rear
• Compatible with standard 19" accessories kit

MATERIAL AND FINISH:
GI frame powder coated Revan Black SG
finish and other parts RAL 7035 SG finish or as
per requirement.
GI, SS options available

ORDERING INFORMATION:

HEIGHT	WIDTH	DEPTH	
		600	800
24U	600	FM4-2466	FM4-2468
	800	FM4-2486	FM4-2488
30U	600	FM4-3066	FM4-3068
	800	FM4-3086	FM4-3088
36U	600	FM4-3666	FM4-3668
	800	FM4-3686	FM4-3688
42U	600	FM4-4266	FM4-4268
	800	FM4-4286	FM4-4288
45U	600	FM4-4566	FM4-4568
	800	FM4-4586	FM4-4588

* All dimensions in mm

SCOPE OF SUPPLY:
• Enclosure frame assembly
• Front curved door with three point locking
• Rear plain door with three point locking
• Top with cutout & cover plate fitted with 4 eye bolts
• Bottom GI gland plate
• 19" mounting angles with Zinc plating
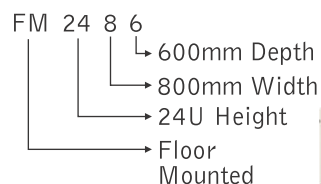• Vertical cable trough (for 800w racks)

OPTIONAL ACCESSORIES:
• Side panels
• Fixed, sliding & cantilever shelves
• Cable management systems
• Power distribution units
• Castor wheels and levelling feet
• Blank plates
• Earthing kits
• Fan tray units
• Mounting hardware
• Plinth - C type
• Door limit switch and thermostat sensor

NOMENCLATURE
FM 24 8 6
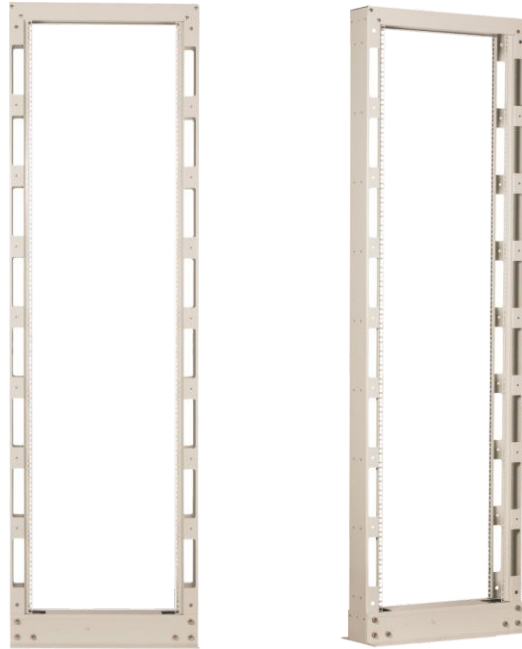→ 600mm Depth
→ 800mm Width
→ 24U Height
→ Floor Mounted

V-RACK

FM - 5 Series rack are open series frame made out of Steel, designed for 19" Equipment's. This rack offers all round accessibility.

PRODUCT SALIENT FEATURES:
• Offers bolted design
• Provision for cable routing
• Available in different heights

MATERIAL AND FINISH:
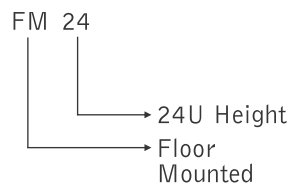• Steel frame powder coated with RAL 7035 Tex/Finish
  or as per requirement

SCOPE OF SUPPLY:
Consists of steel vertical equipment mounting channels connected by a cross member at the top and heavy gauge steel angles at the base.

OPTIONAL ACCESSORIES:
• Horizontal cable manager
• Cantilever shelf
• PDU

NOMENCLATURE

FM 24
→ 24U Height
→ Floor Mounted

ORDERING INFORMATION:

HEIGHT	WIDTH	CODE
24U	19"	FM5-24
30U	19"	FM5-30
36U	19"	FM5-36
42U	19"	FM5-42
45U	19"	FM5-45

V-RACK

We offer a complete range of accessories that are suitable for the racks. Below is the list of accessories as given:

FIXED SHELF:
VOE-FS001

Fixed shelves are used to mount monitors, tower units, and other equipment into the rack environment

CANTILEVER SHELF:
VOE-CS001

A cantilever shelf is a shelf that's only supported on one side. In other words, cantilever shelves are braced in the back, but not in the front, so they overhang.

SLIDING SHELF:
VOE-SS001

Sliding shelves are used to draw out equipment for maintenance and wiring. Telescopic slides are used to mount the shelves.

POWER DISTRIBUTION UNITS

PDUS comes with switches, sockets, fuse & fuse holder & Cable for connecting to the power source. Intelligent PDUS options available.

V-RACK

CABLE MANAGEMENT SYSTEMS:
VOE-CMS001

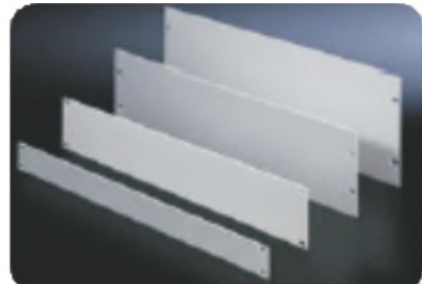It comes with a blanking plate and cable trough mounted on top of it for easy cabling purpose.

DOOR LIMIT SWITCH:
VOE-LS001

Racks are provided with suitable light system with door limit switches

BLANKING PLATES:
1U - VOE-BP001
2U - VOE-BP002

19" blanking plates are provided to fill the unused U in the racks.

FAN TRAY:
VOE-FT001

Fan trays are suitable for racks and available in 1U & 2U for mounting of 2,4 and 6 Nos of 90CFM capacity.

EARTHING ACCESSORIES:
VOE-EA001

Racks are provided with Earthing Stud on Door and can be earthed to frames by Earthing cables.

V-RACK

CASTOR WHEELS WITH AND WITHOUT BRAKES:
WITH BRAKE - VOE-CW001
WITHOUT BRAKE - VOE-CW002

Castor wheels are provided to move the racks.

Supplied in sets of 2. One set swivel with brakes and one set fixed.

The size and materials of the wheel depends on the load bearing capacity of the rack.

LEVELLING FEET:
VOE-LF001

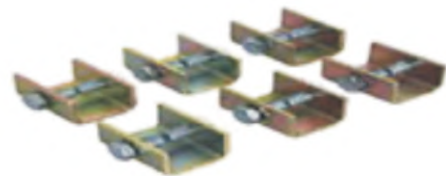Levelling feet and level the rack on uneven floors.

MOUNTING HARDWARE:
VOE-MH001

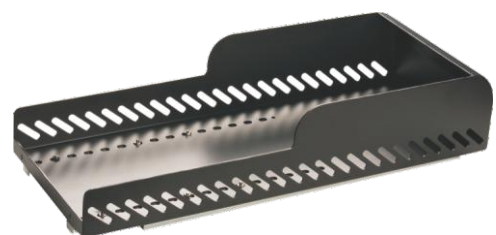Trays and blanking plates are fixed on the 19" angles.

BAYING KIT:
VOE-BK001

Baying kits are provided when two panels are to be bayed together. Baying Fasteners and gaskets are provided for coupling

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CPU TRAY:
VOE-CP001

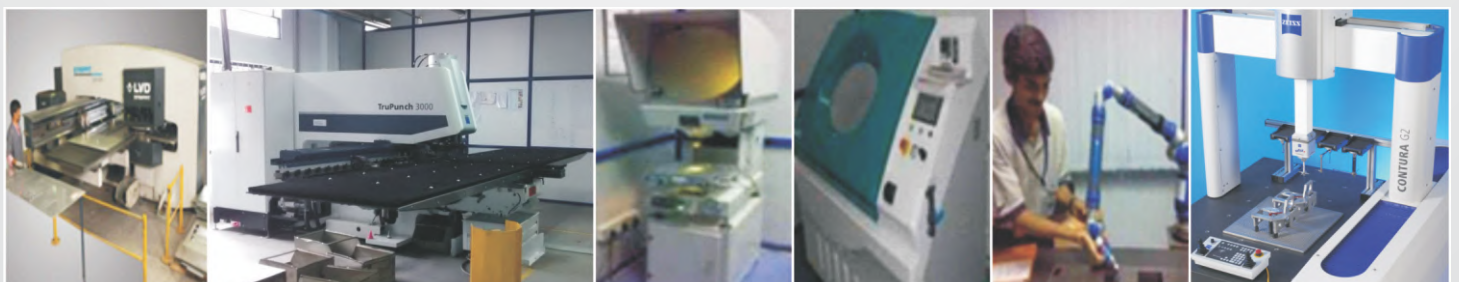Provides convenient mounting of CPU

Our Group Manufacturing Facilities includes:

• Array of CNC - Turret Punch Presses
• Array of CNC - Press Brakes
• Array of Stamping Presses up to 400T
• CNC Shearing Machines
• Array of CNC 4 & 5 Axis machining Centre
• CNC - Laser Cutting Machines
• CNC - Turning Centre
• CNC - CMM Measuring Machine
• CNC - SPM Poly Urethane Gasket Laying Machine
• Array of TIG/MIG/Projection/Stud/Laser Welding Machines
• Automated Conveyor Pre-Treatment & Powder coating Plant
• Tool Room Facility
• Dedicated Assembly Line
• Warehousing
• Third Party Warehouse in Europe and North America.

The products are manufactured in world class State-of-Art Manufacturing facilities with robust system, guaranteed reliability, repeatability, interchangeability, the group Accreditations are

• ISO 9001:2008
• OSHAS 18001:2007
• ISO/TS16949:2009
• EN15085-2
• ISO 14001

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