

Ventilator for Servers

Integrated base plinth ensures working load of 1300lbs.

A 600 W cabinet give a 28mm wide cable reducing channel whereas 800 W cabinets gives a 125mm wide cable reducing channel.

The Fan Housing Unit is easily accessible, and is separable from the main unit, which is very essential of easy maintenance and servicing.

Front door boasts of the latest 'honey comb' perforation design, which is perforated to maximum proportion. Its a unique and innovation design. Ensuring it retains its physical shape, we have further enhanced its strength by passing it through a cold roll forming process, wherein this 1.6mm thick perforated sheet is given 3/5 corrugated ridges (3 in 600W; 5 in 800W) all along the height and then, finally curved. This adds to the strength and the aesthetics of the door.

STANDARD FORM OF SUPPLY

- Robust Aluminum extruded frame structure.
- Side Panels with slam latches and locking facility with 1/3rd ventilation.
- Full Vented Top Cover with cable entry provision and gland plate.
- Bottom Cover with cable entry provision and gland plate.
- Depth Support channel.
- Reducing cable channels in 800mm width.
- 19-inch equipment mounting angles.
- Integrated base plinth.
- Front door with lock.
- Rear mesh door with 3 point lock.
- Fan housing unit.

STANDARD FINISH

- Powder Coated.
- Frame Structure, Panels, Front door RAL 9017.
- Optional color of RAL 7016 also available.

BLACK FINISH

- Total Structure RAL 9017.

*** All side panels, top and bottom covers are made in 1.2mm thick CRCA sheet.**

U	H*	h*	W*	D*	d*
36U	1847.20	1600.20	600/800	1000	879
37U	1891.65	1644.65	600/800	1000	879
42U	2113.90	1866.90	600/800	1000	879
46U	2291.70	2044.70	600/800	1000	879

* All units are given in mm.

H ~ Overall height
h ~ Usable height
D ~ Overall depth
d ~ Usable depth
W ~ Width

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ModuCAB™ Serv

Compatible to all Rack Mount Servers

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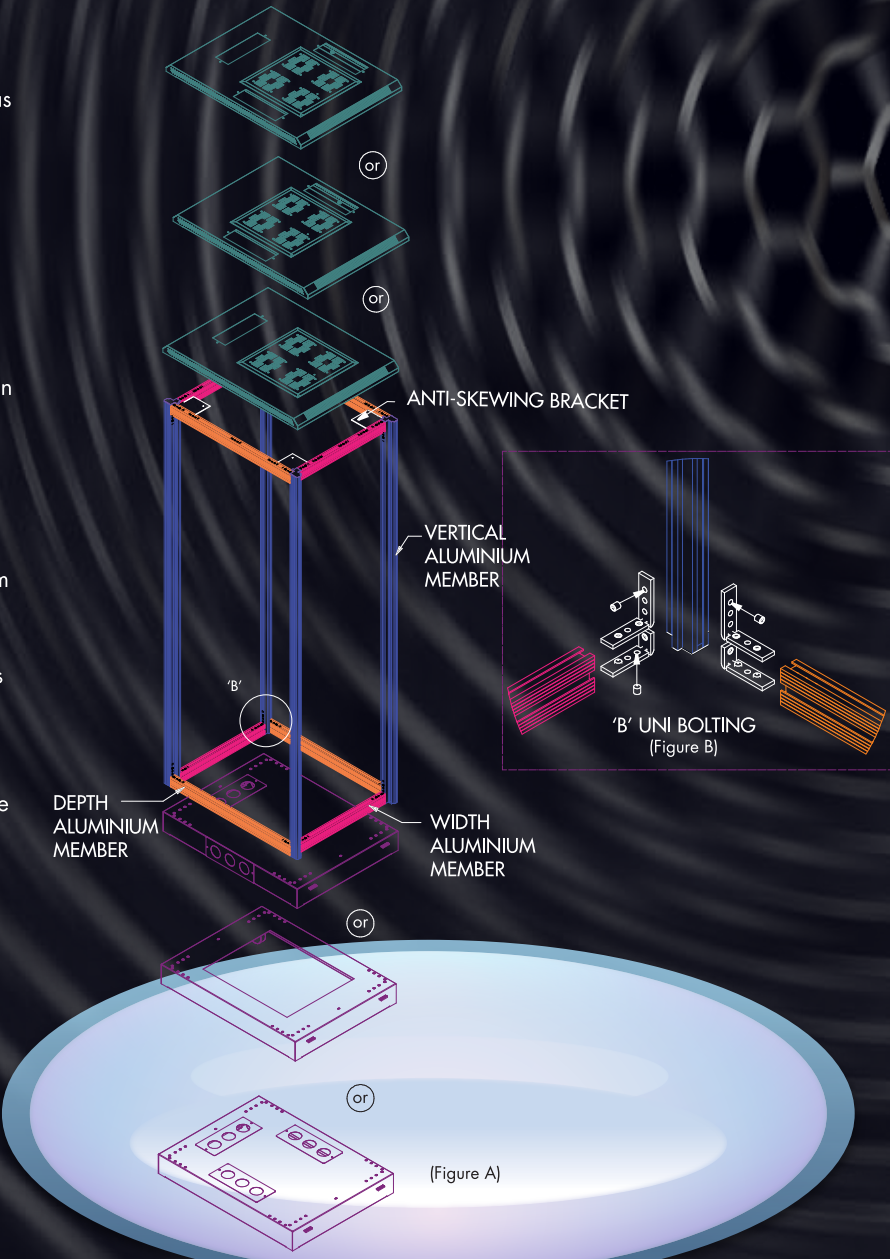
A premium product for Network & IT Managers-developed to meet the ever increasing demands and needs for networking equipment which are located within a cabinet. Moducab is designed to be sturdy, lightweight and to cater different applications like cabling racks & server/active equipments racks across various industries.

A modern and advance range of cabinets, available in pre-configured sizes to accommodate the most state-of-the-art server requirements. These cabinets come equipped with a full range of accessories, loaded with a full security system to prevent unauthorised access to vital equipments within the cabinet.

- Assorted heights with 600mm Wide, 1000mm depth give the user the flexibility needed to protect the servers and effectively make optimal usage of the floor space provided.
- **Extra-wide Moducab™** provides mass storage space for servers starting from tower models to extended desktops. In tandem with the rack mount version, all contained within the same enclosure has resulted in the design of a combo-rugged frame construction which offers highest stability as well as load bearing capability in this extra wide server.
- **Compatibility to all rack mount servers. 800W**, and is available in heights of 30U, 36U, 42U and 46U and with depths of 1000mm to accommodate rack mount servers.

Following principles of modularity, the product has the following features:

- All Aluminium frame structure with a unique Uni-joint™ bolting mechanism across the X, Y and Z axes (See given Figure A & B). This secures the vertical, horizontal and depth pillar members, with a strength that exceeds a welding joint (welded joint only skin deep). This corner joint is further strengthened with an anti-skewing bracket to ensure stability of the frame.
- Strength - Uni-struct bolting mechanism using rolled steel locking keys, 8mm Allen screws and antiskewing bracket at all corners in 3mm thick steel.
- Multi-hollow design of aluminum alloy profiles with a 1.5 times safety factor.
- M8/M6 threaded inserts available all along the height, width and depth profiles for infinite mounting options.
- Joint strengthening technique - Heavy links measuring 110mm in length tied to the horizontal profiles all along the depth and width.
- By providing, selective ventilation patterns on the front, rear, sides, top and bottom panels, various cooling methods of forced cooling concept stimulating the chimney effect is possible.



ModuCAB™ Serv

- 1 All Aluminium Frame Structure
- 2 Top Cover with Ventilation Slot
- 3 Roof Mounted Fan Housing Units
- 4 Double Folded Rear Door with Mesh
- 5 Fully Ventilated Honey Comb Mesh Front Door with Lock
- 6 Side Panel with all Length Stiffener
- 7 19" Mounting Recess
- 8 Standard Plain Shelf
- 9 19" Rotatory Keyboard Slide Out Tray
- 10 Side Panel with Ventilation Provision and Slam Latch
- 11 Standard Ventilated Shelf
- 12 Slide Out Ventilated Shelf
- 13 Base with Castor Provision and Leveling Legs



Accessories

Cooling Fans: Cooling fans of 90CFM are fitted to the FHU for dispersion of hot air.

Power Distribution: Horizontal 19-inch rack mountable power distribution box in 1U/2U heights or vertically at the rear.

Shelves: a. Heavy duty ventilated shelves for equipment up to 75kgs.
b. Cantilever shelf - available in 1U & 2U.
c. Slide out shelves - For equipment which need to be serviced at regular intervals.

Castors and leveling legs

Horizontal Cable management panel: A combination of a pair of semi circular bobbins mounted on a 19-inch panel in 1U/2U height provides very effective cable path without sharp bends.

Wire storage shelf: A combination of a 19-inch mountable shelf with a set of four nos of wire rungs proves effective for coiling on extra length of cables.

Window supports: Used on the reducing cable channel is very effective in open cable management system.

Cable channel: 100mm width is used generally for data cables. 50mm width is used for power cables mounted at the rear side. Cable basket are available in 200mm wide, 42U in length fitted to the side of the cabinets for dressing of UTP cables.

PVC cable channel: These are meant to be fitted vertically on the front side of reducing channels.

PVC cable manager: These are available in 1U & 2U.

Earthing kit: Copper earthing bars and braids are provided.

Brush Panels: Brush panels are available in 1U size.