

19" Floor Standing AV rack



Available Model - 12U, 18U, 24U, 27U, 32U, 42U

1. General Characteristics

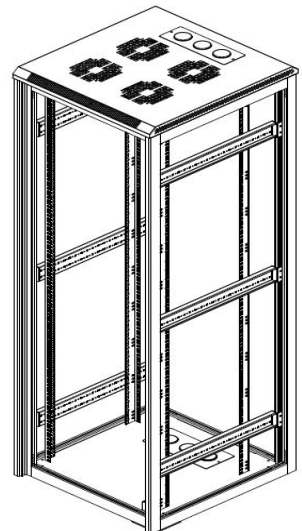
Genus 19" floor standing cabinets are intended for digital infrastructures. Genus floor standing cabinets are made up of aluminium extruded frame structure and provide IP20-IPK08 protection. Genus floor standing cabinets comes in 2 range of colors, **range 1**- combination of RAL 7037 & 7035. **range 2**- fully RAL 9005(customized).

Moducab floor standing cabinets can be equipped with the base plinth to station the rack at the desired location. Equipment and accessories for thermal and cable management such as Front door, Rear door, Plinths, Cable manager, Castor, Earthing strip, Fan kit, Support Angle and the 19" equipment such as Sliding drawer, Monitor tray, Keyboard tray, Blank panel, Power distribution unit to complete the range.

1.1 Presentation

The main parts of Genus 19" floor standing cabinets are:

- 2 aluminium extruded frameworks consisting of 4 vertical and 4 horizontal sections bolted together with 4 depth sections with the help of I links to form a basic structure.
- 1 Top Cover and 1 Bottom Cover with cover plate with provision for cable entry provisions.
- 4 19" Uprights.
- 2 pairs of support channel for up to 32U and 3 pairs of support channel for above 32U height.
- 2 pairs of Reducing cable channel.(only for 800W).
- 8 Corner Brackets.
- 2 Side panels fitted with slam latch and cam lock.



1. General Characteristics(continued)

1.2 Standards

Genius Floor standing cabinets comply with following standards:

STANDARDS	
IEC 60529 EN 60529	(NF C 20-010) Degrees of protection provided by enclosures (IP code)
IEC 62262 EN 62262	(NF EN 50102, NF C 20-015) Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

2. Range

Width 600 Glass Door



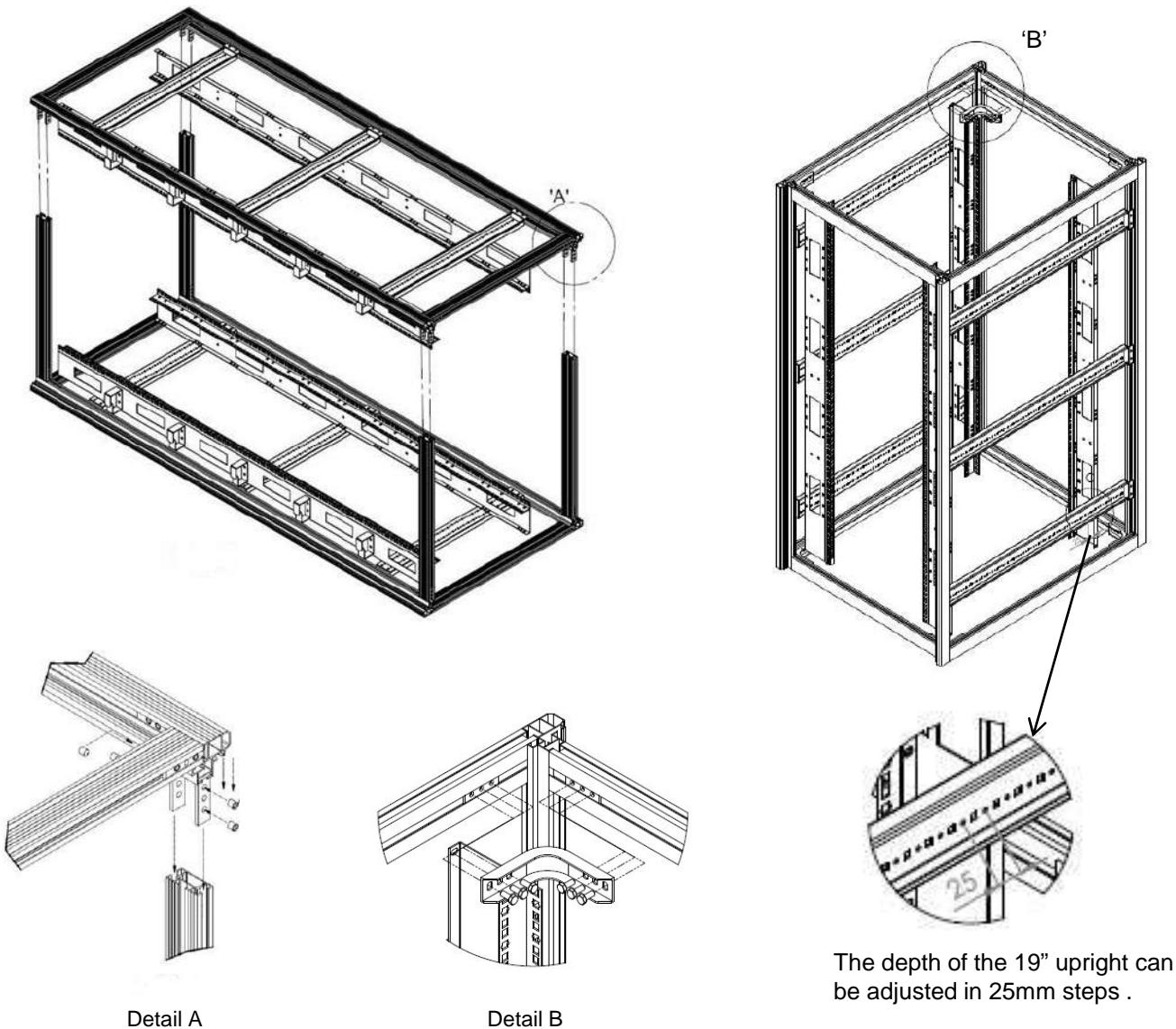
Width 800 Perforated Door



Range of Intellitech racks are classified by their Capacity, Width and Depth

1. General Characteristics

1.1 Presentation



The depth of the 19" upright can be adjusted in 25mm steps .

The basic structure of rack is made up of 4 vertical aluminum extruded members bolted with 4 horizontal aluminum extruded members which forms 2 frame works which are joined together by 4 depth sections with I links as shown in Detail A.

The structure of the frame are strengthened by using a corner Bracket as shown in the Detail B thus giving stability at adverse loading Conditions.

The top and bottom cover comprises of cover plate with cable entry points of 56mm round cut out edge protected with rubber grommets. The top cover has fan punching pattern for air flow through the fan.

Depth support channels are fitted along the depth to equate the load evenly and to fit the 19" equipment mounting angle.

19" Equipment mounting angle facilitate in mounting the 19" equipment. The mounting distance is in accordance with the standard DIN 41494.

Reducing channels are mounted only on 800W racks for 2 purposes i. More space for cable management, ii. Maintain 19" for equipment mounting.