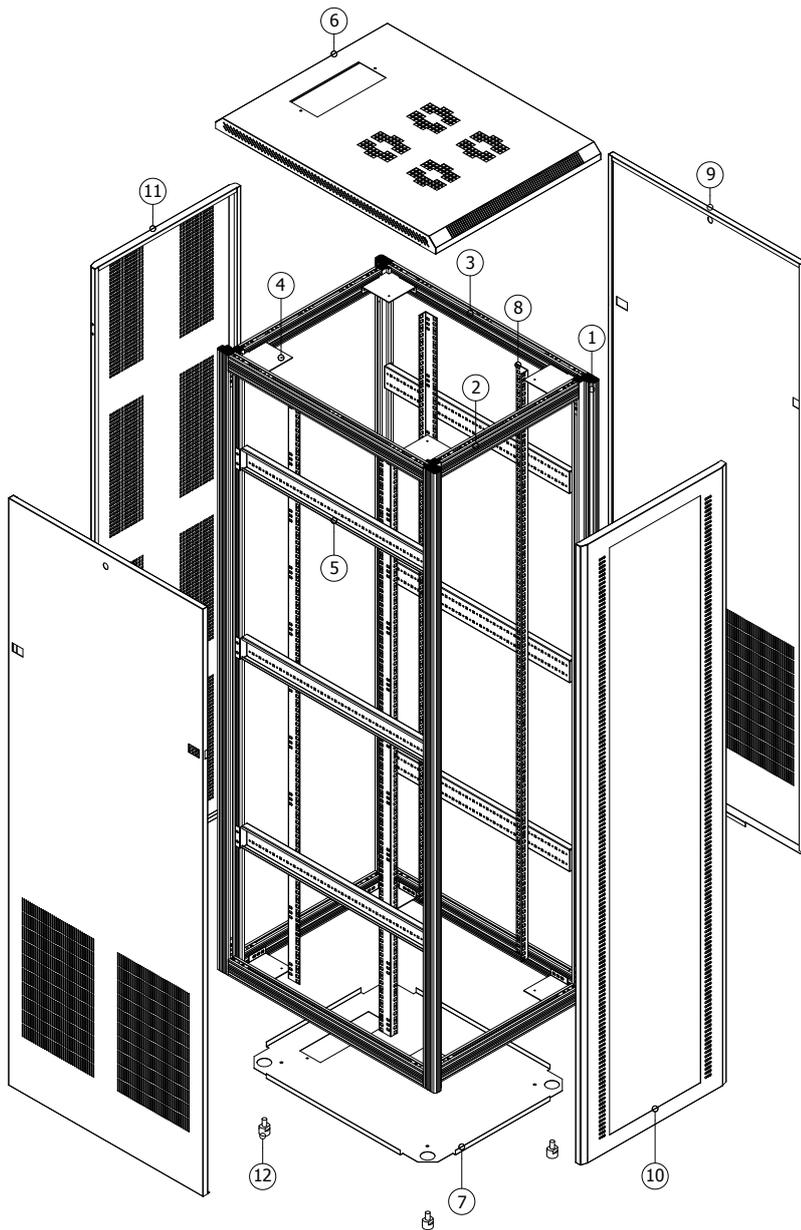


## Construction details & features



1) Aluminium extruded vertical pillar member.

2) Aluminium extruded width pillar member.

3) Aluminium extruded depth pillar member.

4) Self squaring corner brackets: Mounted at all corners these brackets further strengthen the structure from skewing under dynamic load conditions.

5) Depth support channels: Depth wise sub-division of picture frame sub-divides the load into three levels, thus equating the load evenly. Also, used for fixing the 19" equipment mounting angles at a variety of depths from the front or rear. Provided with cage-nut mounting provision as well as 5 mm. diameter holes at regular intervals, for use of M6 self-tapped screws. By using an additional pair of 19" equipment mounting angles we can further mount equipment at varied depths from the front or rear side.

6) Top cover: Ventilated on all sides along the width and depth there by enhancing exhaust of hot air. Also provided with cable entry provision comprising of a gland plate with cable entry points in 35mm round cut-outs, with edge protected by rubber grommets.

7) Bottom cover: Provided with cable entry provision comprising of a gland plate with cable entry points in 35mm round cut outs edge protected with rubber grommets.

8) 19" equipment mounting angles: Two pairs of these angles help facilitate mounting of 19" rack mountable equipment. Provided with square slots to accommodate m6 cage nuts at a universal pitch pattern as per DIN-41494 parts 1-5.

9) Side panels: Double folded at all ends with a stiffener welded all along its length for strength. Side panels are provided with ventilation slots at the lower 1/3 area to facilitate natural cooling within the rack. These panels are fitted using slam latches which allow ease of fitment. Provision for fitment of a cam lock is also provided.

10) Front door: Comprises of a one piece picture frame unlike trims at edges, wherein 4mm thick toughened tinted glass is fixed. The glass is securely protected at all edges within this frame. Doors are fitted on to the frame with spring loaded hinge pins, at the top and bottom, which allow very fast fitment and removal. Doors can be hinged left hand side or right hand side since provision for alternate hinging is also provided on the frame.

11) Rear door: Double folded at all edges with an additional degree bend all along the height maintains the flatness and the lateral strength of the door. A vertical stiffener is provided all along the height. Based on the concept of natural air flow rear doors are provide with ventilation pockets all along the height.

12) Leveling legs: These act like jack lifting feet which compensate an uneven flooring. Legs are adjustable with the help of a standard wrench.



**VALRACK**®