VACUUM CHAMBER
And
PLUMBING LINE
ASSEMBLY
VACUUM CHAMBER ISOMETRIC VIEW
VACUUM CHAMBER DIMENSIONS

HEIGHT  : 1105mm  
WIDTH   : 910mm  
DEPTH   : 800mm  
WALL THICKNESS : 30mm  
VOLUME  : 0.8m³
VC TOP PLATE OUTSIDE VIEW
VC Top plate Flange (Custom Design)
VACUUM CHAMBER BOTTOM WALL OUTSIDE DIMENSIONS

M8 x 1.25 - 15 DEEP

M10 x 1.5 - 15 DEEP

Dimensions:
- 280
- 270
- 285
- 475
- 830
- 425
- 120
- 85
- 85
- 120
- 970
- 30
VC LEFT SIDE PLATE
Vacuum Chamber Leftside wall INSIDE Dimensions

M10 x 1.5 - 15 DEEP x 4

M10 x 1.5 - 15 DEEP x 3

M10 x 1.5 - 15 DEEP x 13

ALL DIMENSIONS ARE IN MM
VC RIGHT SIDE PLATE
Vacuum Chamber RightSide Wall INSIDE Dimensions

ALL DIMENSIONS ARE IN MM
VACUUM CHAMBER BACK SIDE PLATE
VCAUUM CHAMBER BACK SIDE DIMENSIONS

Dimensions in mm:
- Width: 970 mm
- Height: 1105 mm
- Depth: 350 mm
- Hole diameters: Ø248 mm, Ø60.2 mm, Ø40.5 mm, Ø24 mm
- Other dimensions as indicated in the diagram.
VC DOOR BACK VIEW
Specifications:-
Tube width = 40mm
Depth = 10mm
Sheet thickness = 2mm
40mm gap to be maintained from Edges.
Threaded Bolt Push in connectors
For inlet and outlet ports
Vacuum Chamber Plumbing Details
Vacuum Chamber Flanges & Ports
Vacuum Chamber Plumbing Line Details

- VAT HV GATE VALVE
- Pfeiffer Hi pace 2300 Turbo Molecular Pump
- Pfeiffer Okta250 Roots Pump
- VAT HV GATE VALVE
- Pfeiffer Duo65 Rotary Pump
Vacuum Chamber Plumbing Line Details

- Pirani Gauge
- ISO F DN 63 Gate Valve
- Residual Gas Analyzer Instrument
- ISO-F DN 63 Plumbing line
- Pirani gauge for backing.
- Penning gauge
- Pfeiffer Inline Valve KF40
Vacuum Chamber Plumbing Line Details

- Pfeiffer Inline valve KF40
- ISO F DN 63 Gate Valve
- KF40 Flexible bellow line
Vacuum Chamber Plumbing Line Isometric view
Vacuum Chamber Plumbing Line side view
Vacuum Chamber Plumbing Line Isometric view
Vacuum Chamber Plumbing Line Isometric view