

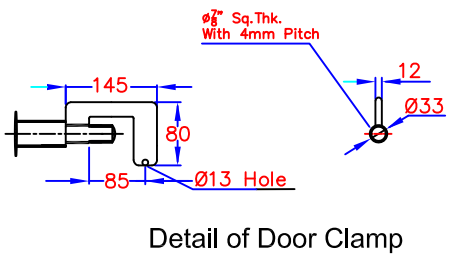
**NOTES :-**

- # All Dimentions Are in mm Unless Otherwise Specified
- # Nozzle Flanges As Per ASA # 150
- # 150 Lts SS316 Receiver (OPTIONAL)
- # 3sq. m Shell & Tube Heat Exchanger Tube side SS316 Shell Side SS304 (OPTIONAL)
- # 48 Trays of Size 800 x 400mm x 16 swg (OPTIONAL)
- # IN GMP Model With All Contact Parts in SS316 & Non - Contact Parts Made Or Cladded With SS304 Quality.
- # All Internal Surfaces Minnor Polished Without Shaep Corner
- # Insulation Glasswool (50mm Thk.)

**DESIGN SPECIFICATION:-**

- DESIGN CODE - GEP/GMP
- DDOR - VACUUM - TIGHT DDOR
- CAPACITY - TO HOLD 48 TRAYS
- HEATING AREA
- No of HEATING PLATES - 12 + 1 DUMMY ON TOP
- SIZE OF HEATING PLATES - SS316
- No of Trays per Heating Plate - 4
- M.O.C. OF HEATING PLATES - SS316
- WORKING PRESSURE IN HEATING PLATES - 3kg/sq.cm
- TEST PRESSURE IN HEATING PLATES - 5kg/sq.cm
- CIRCULATION - STEAM / WATER
- M.O.C.
- CHAMBER - 5mm Thk. SS316
- DDOR - 10mm Thk. SS316
- STIFFENERS ON BODY - M.S. FLATES 50 x 12MM Thk.
- WORKING PRESSURE IN CHAMBER - FULL VACUUM
- DDOR GASKET - SILICON RUBBER

No.	DESCRIPTION	QTY	MATERIAL
12	HEATING PLATE BUFFLES	-	20 X 20 SQ. BAR SS304
11	SIGHT GLASS	2	Ø100MM
10	HEAT EXCHANGER 3 SQ. M	1	
9	RECEIVER 150 LTS CAPACITY	1	SS316
8	HEATING PLATE SUPPRT	52	SS316 Ø25 PINS
7	DDOR SEALING GASKET	-	5/8" SQ. SILICON RUBBER
6	DDOR TIGHTING KNOBS	20	SS304 Ø25 (SEE DETAIL)
5	HEATING PLATES	13	1625 X 825 X 825 HT SS316
4	BOTTOM SUPPORTS	4	Ø200 X 250 LQ.
3	EXTERNAL STIFFENERS	-	MS 50 X 12 THK.
2	DDOR WITH STIFFENERS	1	10MM THK. SS316
1	VACUUM CHAMBER	1	8MM THK. SS316



Detail of Door Clamp

No	QTY	SIZE	SERVICE
N14	3	1" NB	CONDENSOR UTILITY OUTLET
N13	1	1" NB	CONDENSOR UTILITY INLET
N12	1	1" NB	DRAIN WITH VALVE
N11	1	1" NB	VACUUM LINE
N10	1	1/2" NB	RECEIVER VENT
N9	1	1/2" NB	PT 100 SENSOR
N8	1	1" NB	HOT WATER OUTLET
N7	1	1" NB	HOT WATER INLET
N6	1	100mm	LIGHT GLASS
N5	1	100mm	SIGHT GLASS
N4	1	1" NB	CHAMBER DRAIN
N3	1	1/2" NB	VACUUM BREAKING
N2	1	1/2" NB	VACUUM GAUGE
N1	1	4" NB	VAPOUR LINE WITH

Layout of Trays Per Shelf