

# External Chamber for Radar - ECR

Used for external mounting of Radar on pressure vessels, where -

- 1) Space is limiting factor or limitations due to installation of stirrer / heater within the tanks
- 2) The effect of liquid boiling or splashing due to turbulence on level measurement has to be minimized

## Salient Features :

- Designed to ASME B 31.3 / IBR 1950 standard
- Welding as per ASME section IX & IBR
- Welders qualified as per ASME Sec IX & IBR
- Certification as per EN 102043.1B
- Full penetration circumferential welds to increase integrity
- Radiography on butt weld joints
- Available in Carbon Steel & Stainless Steel MOC, other material on demand
- Wide range of materials available SS304 / SS304L, SS316 / SS316L
- Carbon Steel Duplex and many others
- Industry preferred Weld Neck flanges
- Pressure rating upto 1500 #
- Variety of process connections / Vent, Drain options
- Hydrostatic test at 1.5 x rated pressure
- Option of NACE / PMI / PWHT / Radiography certification
- Choice of mounting style

### Specifications :

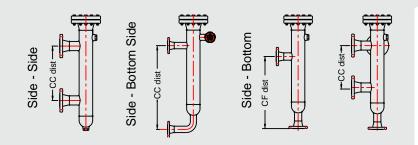
Chamber Pipe

ASTM A 312 TP SS304/SS304L/
SS316/SS316L/SS321/CS (A-106)
2"/ 2"//" ND

Chamber Pipe Size	: 2"/ 3"/4" NB
Process Connection	: ASTM A 182 F SS304/SS304L/SS316
MOC	/SS316L / SS321 / CS (A-105)
Process Conn. Type	: Flanged (RF / RTJ)
Vent / Drain	: Plug or Ball / Globe valve
Max Test Pressure	: upto 1500 #
Max Temperature	: 300°C - High Pressure & Temp. on
	demand

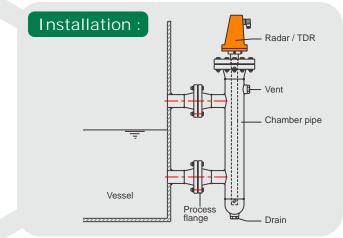
Certification (option) : NACE / PMI, PWHT & Radiography

### Mounting Style :



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## Model Identification :

ECR-				صاغt ا
Mounting Types   Side-Side   Side-Bottom   Side-Bottom Side   Others   Others   Chamber x   Process Connection MOC   CS (A-106) x CS (A-105)   SS304 x SS304   SS316 x SS316   Others   Chamber pipe Size   2"NB   3"NB   4"NB   Others   Process Connection Size   25NB   40NB   50NB   Others	N S 0			× CC × CC
Process Connection Type Flanged ————————————————————————————————————		- 1		
Vent x Drain 1/2"Plugs 1/2"Plug x 1/2" Valve 1/2"Valve x 1/2" Valve Others Approval Non IBR IBR (Metallic)			1 2 3 0 W B	

## Ordering information :

Model No x CC dist x Liquid & its Density and Operating Temp & Pressure



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#### CAT/0093/REV 00/12-13