

External Chamber for Radar - ECR

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

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

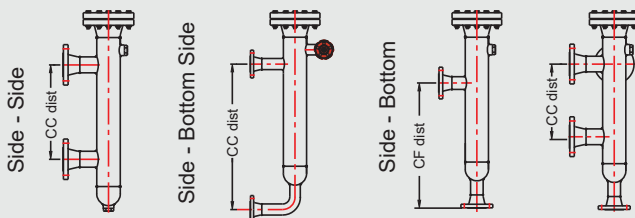
Salient Features :

- 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 10204.1B
- 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

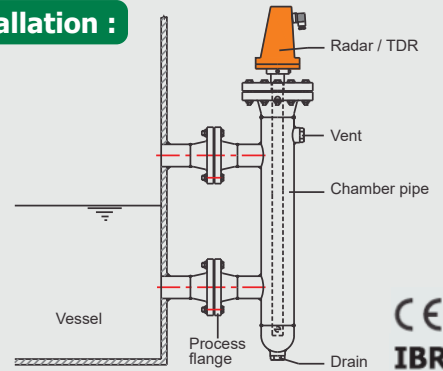
Specifications :

Chamber Pipe	: ASTM A 312 TP SS304/SS304L/SS316/SS316L/SS321/CS (A-106)
Chamber Pipe Size	: 2"/ 3"/4" NB
Process Connection MOC	: ASTM A 182 F SS304/SS304L/SS316 /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 :



Installation :



Model Identification :

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

x CC dist (mm)

Ordering information :

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