

External Chambers for Side Mounted Switches with IBR option - ECS

Used for external mounting of Level Switches on tanks or pressure vessels, where

- 1) Space availability in the tank is limited, due to stirrer / heater installed within the tank.
- 2) The effect of liquid boiling or splashing due to turbulence on level measurement has to be minimized.

A wide range of external chambers are available with variety of MOC's, process connections, orientation & sizes, to suit process liquid & conditions.

Specifications :

Chamber / Side Arm MOC : CS/CS (A-106) / SS304 / SS316 / PP
(Rubber /FRP /PTFE lined chambers on demand)

Chamber Size : 4"/ 6" (PP)

Process Connection MOC : CS / CS (A-105)/SS304 / SS316 or PP

Process Connection Type : Flanged, Screwed, Socket weld or Bare pipe

Vent / Drain : Plug or Ball / Globe valve

Max Test Pressure : 10Kg/cm² / 2Kg/cm²
(PP / Lined chamber)

Max Temperature : 100°C / 70°C (PP / Lined chamber)
High Pressure & Temp. on demand

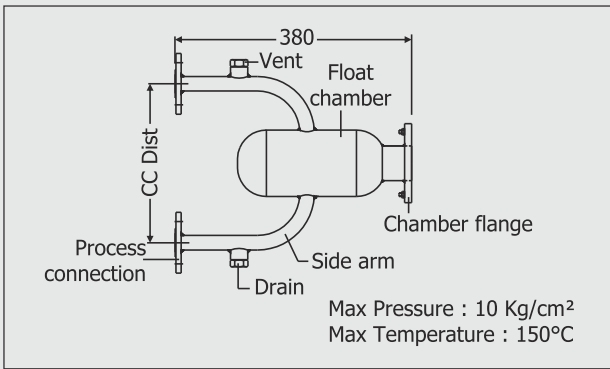
Option : IBR Certification



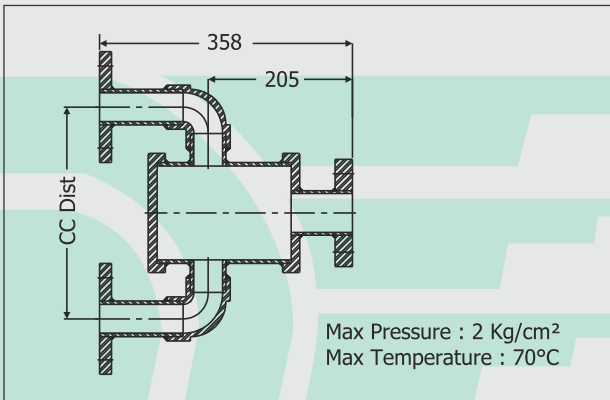
Mounting Types :

Type - A			Type - B			Type - C		
Socket Weld	Screwed	Bare Pipe	Socket Weld	Screwed	Bare Pipe	Socket Weld	Screwed	Bare Pipe
Type - D			Type - E			Type - F		
Socket Weld	Screwed	Bare Pipe	Socket Weld	Screwed	Bare Pipe	Socket Weld	Screwed	Bare Pipe

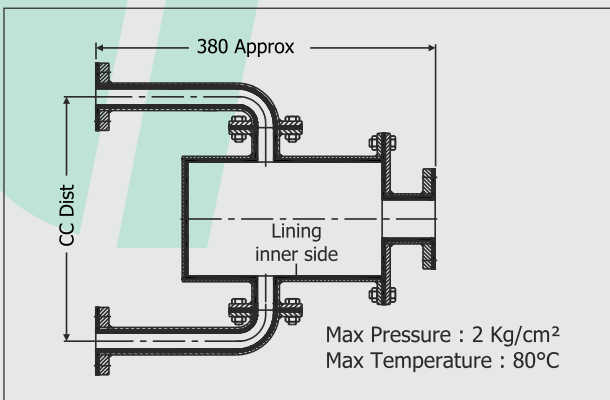
Construction (Metallic) :



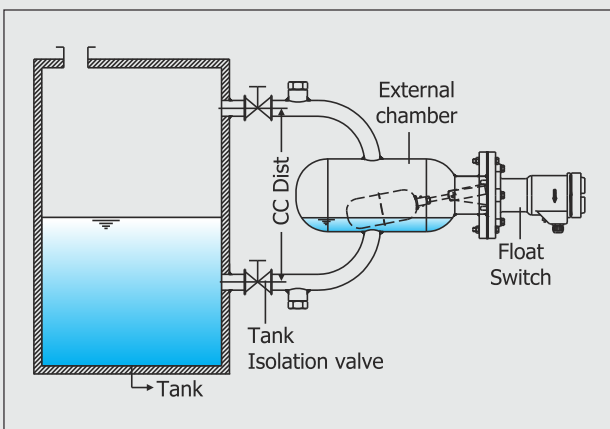
Construction (PP) :



Construction (Rubber, FRP, PTFE lined) :



Installation :



Model Identification :

ECS									
Mounting Types									
Rear-Rear	A								
Right-Right	B								
Left-Left	C								
Top-Rear	D								
Rear-Bottom	E								
Top-Bottom	F								
Others	O								
Chamber x Process connection MOC									
CS x CS	M								
CS (A-106) x CS (A-105)	C								
SS304 x SS304	N								
SS316 x SS316	S								
PP x PP	P								
Others	O								
Chamber Flange Size									
Ø120 x 92 PCD		1							
50NB		2							
65NB		3							
80NB		4							
Others		O							
Process Connection Size									
25NB			1						
40NB			2						
Others			O						
Process Connection Type									
Flanged				1					
Screwed				2					
Weldable socket				3					
Bare pipe end				4					
Vent x Drain									
1/2"Plugs					1				
1/2"Plug x 1/2" Valve					2				
1/2"Valve x 1/2" Valve					3				
Others					O				
Approval									
Non IBR									W
IBR (Metallic)									B

Ordering Information :

Specify Model No x CC dist x Liquid Name and its density, Operating Temperature & Pressure.

All dimensions in mm except specified

