



# EXTERNAL CHAMBER

**MODEL ECR**



## Overview

External Chambers is a self-contained cage structure used for mounting process level instruments to a vessel. The level is measured by process level instrument inserted in the external chamber. This helps to keep instrument be isolated for regular maintenance without conducting process shutdown.

Chambers generally find application when you have turbulence inside the vessel which may lead to faulty Level readings if sensors are installed directly in the Vessel. For Tanks with agitators also, it may be best advice to have external chambers installed.



## Salient features

- Chambers allow process instrument to be isolated from a vessel
- Easy for process Instrument maintenance.
- Wide selection of configuration can be possible.



## Applications

- Chemical Industry
- Oil and Natural Gas Extraction
- Petrochemical Industry
- Power Plants



## Model Selection

Model Code: ECR - **X<sub>1</sub>** **X<sub>2</sub>** **X<sub>3</sub>** **X<sub>4</sub>** **X<sub>5</sub>** **X<sub>6</sub>** **X<sub>7</sub>** **X<sub>8</sub>** **X<sub>9</sub>** **X<sub>10</sub>**

CC Line	X <sub>1</sub>
Specify CC line in Liters	XXXX

Chamber MOC	X <sub>2</sub>
SS316	
SS316L	
Carbon Steel	
Hastelloy	
Monel	
Inconel 625	
Inconel 825	
6 MO	

Process Connection Type (ASME)	X <sub>3</sub>
Weld Neck Flange	
Blind Flange	
Threaded Flange	
Slip On Flange	

Process Connection Type (Threaded)	X <sub>3</sub>
Threaded NPT-M (Male)	
Threaded NPT-F (Female)	
Socket Weld	

Process Connection Size (ASME)	X <sub>4</sub>
2"	
2½"	
3"	
4"	

Process Connection Size (EN)	X <sub>4</sub>
DN50	
DN65	
DN80	
DN100	

Side Vent Type (ASME)	X <sub>5</sub>
Weld Neck Flange	
Blind Flange	
Threaded Flange	

Side vent Connection Size (EN)	X <sub>6</sub>
DN50	
DN65	
DN80	
DN100	

Chamber Top End Type (ASME)	X <sub>7</sub>
Weld Neck Flange	
Blind Flange	
Threaded Flange	
Slip On Flange	

Chamber Top End Size (ASME)	X <sub>8</sub>
2"	
2½"	
3"	
4"	

Chamber Top End Size (EN) only for flange	X <sub>8</sub>
DN50	
DN65	
DN80	
DN100	

Chamber Bottom End Type	X <sub>9</sub>
Drain Ball Valve	
Drain Gate Valve	
Drain Needle Valve	
Drain Plug	
Drain Flange	

Chamber Bottom End Size (ASME)	X <sub>10</sub>
2"	
2½"	
3"	
4"	

Chamber Bottom End Size (EN) only for flange	X <sub>10</sub>
DN50	
DN65	
DN80	
DN100	



## How To Order

ECR -



# Why Choose Us?

With our manufacturing presence in SAIF Zone, Sharjah, UAE, we are able to offer



Variety of Graded Raw Material, sourced from Europe, Japan & North America



Intrusive Stage-wise Inspections as per Requirements



Compliance to NDE Requirements as per Project Specifications



10+ years of Experience in Operation



Instant Availability Of Spare Parts



Prompt Site Service Support within the UAE And GCC



200+ Clients Worldwide



Team of 30+ Technical Professionals





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