



Condensate Pots

The primary use of condensate pots is to increase the accuracy of flow measurement in steam pipelines. They provide an interface between the vapour and condensed phases of the fluid in the impulse lines.

The condensate pots are available in a range of materials and sizes and are designed in accordance with ASME VIII Div 1 and produced in ASME coded workshops. All condensate pots are CE* marked to PED 2014/68/EU for use with Group 2 Gases. (Condensate pots with internal volumes under 1 litre are not CE marked as they fall under SEP)

Installation can be either vertical or horizontal lines between the primary (Flow Meter) and the secondary (transmitter/gauge) to act as a barrier to the line fluid permitting direct sensing of the flow conditions. Units should be mounted at the same level minimising possible error that could arise due to unequal head of fluid in the connecting pressure lines.

Typical industry applications include: Refineries, Power plants, Chemical and Petrochemical, Steel plants and other process industries.

STCP-02

FEATURES

- CE* marked to PED 2014/68/EU
- High/Low Pressure Rating options
- Available in 0.5 to 5.0L
- Range of exotic materials
- ASME VIII U stamping and TR CU certification available

ORDERING INFORMATION

Part number format is as follows; **PRESSURE-VOLUME-CONNECTIONS-MTL**

Pressure	LP = Low Pressure, HP = High Pressure									
Volume (Litres)	0.5, 1.0, 1.5, 2.0, 3.0, 5.0 (custom sizes upon request)									
Connections	N1 & N2		N3		N4		N5		N6	
	1	¼" NPTF	1	¼" NPTF	1	¼" NPTF	1	¼" NPTF	1	¼" NPTF
	2	½" NPTF	2	½" NPTF	2	½" NPTF	2	½" NPTF	2	½" NPTF
	3	1" NPTF	3	1" NPTF	3	1" NPTF	3	1" NPTF	3	1" NPTF
	4	¼" BSPT	4	¼" BSPT	4	¼" BSPT	4	¼" BSPT	4	¼" BSPT
	5	½" BSPT	5	½" BSPT	5	½" BSPT	5	½" BSPT	5	½" BSPT
	6	Custom	6	Custom	6	Custom	6	Custom	6	Custom
	0		0	Not required	0	Not required	0	Not required	0	Not required
MTL	CS = Carbon Steel			316 = 316 St. Steel			304 = 304 St. Steel			
	D = Duplex			SD = Super Duplex			M = Monel			

WORKED EXAMPLES

STCP-LP-1.0-1-1-1-0-0-316	Low Pressure 1.0 L condensate pot with N1 to N4 conns 1/4" NPTF in 316 St. Steel
STCP-LP-3.0-2-2-2-2-2-CS	Low Pressure 3.0 L condensate pot with N1 to N6 conns 1/2" NPTF in C. Steel

*For condensate pots with internal volumes of 1 litre or less, a CE mark is not permitted as they are covered by a manufacturers declaration under SEP