

Condensate Pots

CP Series

CP series condensate pots are designed to trap condensate and foreign matter that may accumulate in gaseous service lines, and prevent damage to the sensitive instrumentation components. They are also effective for providing a liquid seal on steam and corrosive line NO COMMA, widely used in refineries, power plants, chemical and petrochemical, steel plants and other process industries.

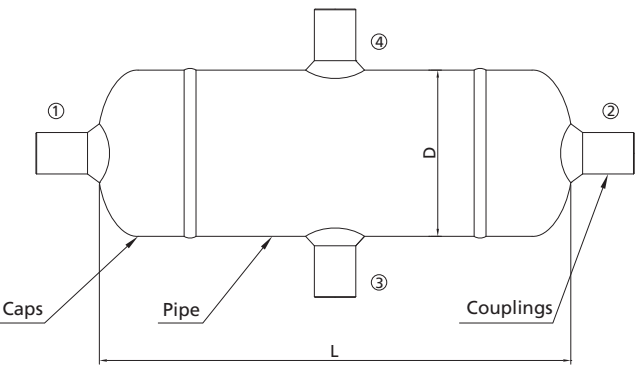
Features

- ⦿ Use as liquid or condensate traps, seal pots, vapor chambers and knockout pots.
- ⦿ All connectors are furnished with plastic plugs.
- ⦿ Chambers are made from seamless pipe and weld caps.
- ⦿ Full-penetration gas tungsten arc -weld construction to ensure great strength and leak-tight performance.
- ⦿ High and low pressure rating options.

Technical Data

- ⦿ Maximum working pressure: Class 2500
- ⦿ Socket weld connection as per ANSI B16.11
- ⦿ Butt welding ends as per ANSI B16.9
- ⦿ NPT as per ANSI B2.1 taper pipe thread
- ⦿ All chambers are factory tested fully prior to shipment
- ⦿ Standard material of construction: 316 SS, 304 SS, Carbon steel
- ⦿ Pipe schedule: 40, 80, 160, XXS seamless steel
- ⦿ Variety of end connections available

Materials of Construction



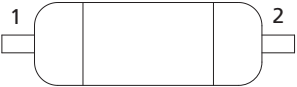
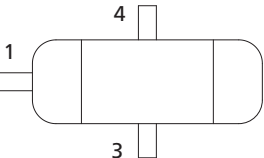
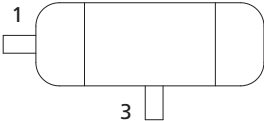
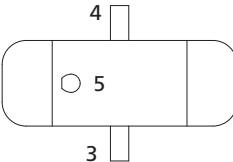
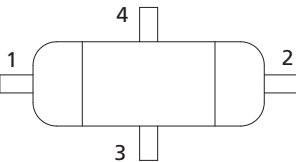
Material	Pipe	Cap
316 SS	TP316/A312	F316/A182
321 SS	TP321/A312	F321/A182
304 SS	304 SS/A312	F304/A182
CS	A106	A105
316L SS	TP316L/A312	F316L/A182
304L SS	TP304L/A312	F304L/A182
P11	P11/A335	F11/A182
P22	P22/A335	F22/A182

Dimensions

Dimensions are for reference only and are subject to change.

Pipe	Ø D (mm)	L (mm)	Capacity (L)
NPS 3	88.9	215	0.8
NPS 4	114.3	360	2.6

Configuration

Designator	Schematic	Designator	Schematic
2A		3B	
2B		3C	
3A		4A	

Part Number Description

SS – CP – 36 – 4A – FNS8 – MTS14 – MTB12 – SF2

Body Material

SS 316 SS
6L 316L SS
S4 304 SS
4L 304L SS
S1 321 SS
11 P11
22 P22
CS Carbon Steel

Series

CP

Body O.D.

3 NPS 3
4 NPS 4

ANSI Class

3 Class 300
6 Class 600
9 Class 900
15 Class 1500
25 Class 2500

Configuration

2A
2B
3A
3B
3C
4A

Connection 1 Type

FNS Female NPT
FRT Female BSPT
TS Fractional Tube Socket Weld
MTS Metric Tube Socket Weld
TB Fractional Tube Butt Weld
MTB Metric Tube Butt Weld
PS Pipe Socket Weld
PB Pipe Butt Weld
FL Fractional Tube Fitting
ML Metric Tube Fitting
FT Fractional Tube Fitting
MT Metric Tube Fitting
RB RB-Bleed Valve (normative)

Connection 1 Size

2 1/8"
4 1/4"
8 1/2" or 8 mm
10 10 mm
12 3/4" or 12 mm
14 14 mm
16 1" or 16 mm

Connection 2 to 5 Type

Same as connection 1
Specified in the same way as theconnection 1 type and size

Special Application

NO
NACE 5
MR0175

Cleaning and Packaging

FC-01
F2 FC-02

Note: "Part Number Description" is used for composition rules of FITOK product model, Not suitable for specific product part number selection, not random combinations. If in doubt, please contact FITOK company or authorized agents.