

ST95 Seal Pot

Seal fluid supply tank K-TEK Products



Features

- High visibility, magnetically coupled barrier fluid level indication
- Magnetically coupled high/low level switches available
- All stainless steel construction available
- Designed for barrier fluid specific gravity requirements

Options

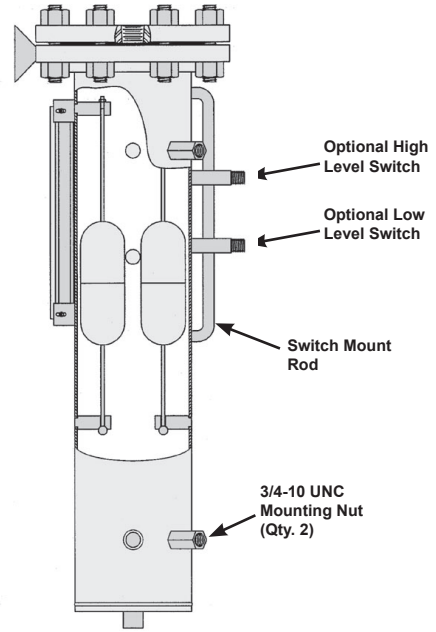
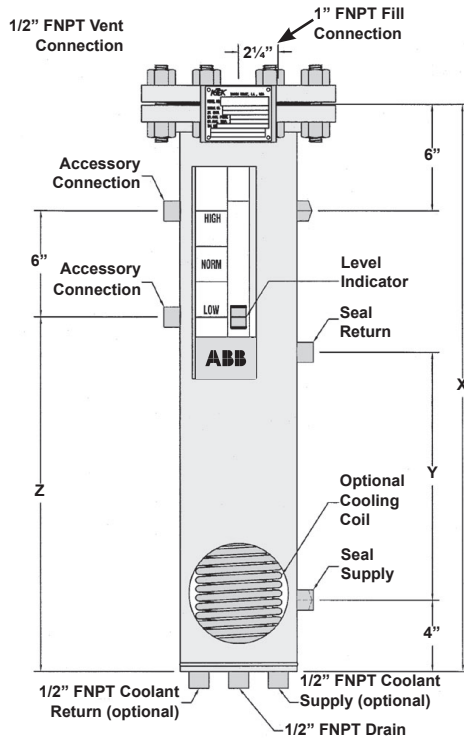
- Switches for high and/or low level
- AT200 or AT600 Magnetostrictive Level Transmitter
- Cooling coil
- Fill, vent and drain valves
- ASME code stamp and PED certification available

DIMENSIONS

Dim	2 Gal.	3 Gal.	4 Gal.	5 Gal.
X	24.0"	32.0"	40.0"	48.0"
Y	6.0"	14.0"	22.0"	30.0"
Z	12.0"	20.0"	28.0"	36.0"

NOTES:

1. Cooling coil not available on 2 Gallon Size.
2. Drain coupling is provided when cooling coil option is ordered. Units with no cooling coil option will have the drain connection machined into the bottom closure.
3. If the seal & accessory connections are flanged they will have same rating as top closure flange.



ORDERING INFORMATION

ST95/a/b/c/d/e/f/g/h/i/j/k/l/m/n/o:

/a Capacity

2 = 2 Gallon 3 = 3 Gallon 4 = 4 Gallon 5 = 5 Gallon

/b Material of Construction

6 = 316/L Stainless Steel 6C = 316/L Stainless Steel w/ Carbon Steel Flanges

4 = 304/L Stainless Steel 4C = 304/L Stainless Steel w/ Carbon Steel Flanges

/c Shell Schedule

1W = Schedule 10 Welded 4W = Schedule 40 Welded

1S = Schedule 10 Seamless 4S = Schedule 40 Seamless

/d Flange Class

1 = 150# 6 = 600#

3 = 300# X = Welded Head

/e Fill, Vent & Drain

T = Threaded S = Socket Weld F = Flanged

/f Seal Connections

5T = 1/2" Threaded (Std) 7T = 3/4" Threaded

5S = 1/2" Socket Weld 7S = 3/4" Socket Weld

5F = 1/2" Flanged 7F = 3/4" Flanged

/g Accessory Connections

X = None

5T = 1/2" Threaded (Std) 7T = 3/4" Threaded

5S = 1/2" Socket Weld 7S = 3/4" Socket Weld

5F = 1/2" Flanged 7F = 3/4" Flanged

/h Construction

S = Pneumatic Test @ 150 psig

A = ASME Code Stamped (Specify "U" or "UM")

H = Hydrostatic Test @ 1.5 x Maximum Working Pressure

Note: Specify if PED Certificate is required.



/i Switch Options

X = None L = Low Level Switch

H = High Level Switch HL = High & Low Level

/j Switch Type

X = None

3 = MS30/RD 2 = MS41/RD

3E = MS30/EX/RD 2E = MS41/EX/RD

/k Transmitter Options

X = None

A2 = AT200 Magnetostrictive (Bottom Connected Only)

A6 = AT600 Magnetostrictive (Bottom Connected Only)

/l Other Options

X = None C = Cooling Coil

/m Maximum Pressure

State Maximum Working Pressure in psig or bar

/n Maximum Temperature

State Maximum Working Temperature in °F or °C

/o Specific Gravity

State Specific Gravity of Seal Fluid

Maximum Allowable Working Pressure Rating						
Flange Class	Shell Type	100°F 38°C	200°F 93°C	300°F 149°C	400°F 204°C	Notes
150#	Sch. 10 316/L SS Welded or Seamless	275	235	215	195	3
150#	Sch. 10 304/L SS Welded or Seamless	275	230	205	190	3
300#	Sch. 10 316/L SS Welded	585	585	560	515	3
300#	Sch. 10 304/L SS Welded	565	585	540	495	3
300#	Sch. 10 316/L SS Seamless	715	620	560	515	3
300#	Sch. 10 304/L SS Seamless	715	600	540	495	3
600#	Sch. 40 316/L SS Welded or Seamless	1250	1240	1120	1025	1,3
600#	Sch. 40 304/L SS Welded or Seamless	1250	1200	1055	995	1,3
600#	Sch. 40 316/L SS Welded	1290	1240	1120	1025	2,3
600#	Sch. 40 304/L SS Welded	1290	1200	1080	995	2,3
600#	Sch. 40 316/L SS Seamless	1440	1240	1120	1025	2,3
600#	Sch. 40 304/L SS Seamless	1440	1200	1080	995	2,3
Note 1:	With standard half couplings for seal & accessory connections.					
Note 2:	With Soc-o-lets for seal & accessory connections.					
Note 3:	All Flanges are Dual Grade Materials					

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