



'PSE' Series

Crall 'PSE' series vessels are designed to use 10", 20", 30" and 40" filter cartridges. These vessels are capable of providing flow rates to 1575 gpm. The pressure rating for the 'PSE' Series is up to 1440 psig. Larger vessels available.

All 'PSE' series vessels are designed in accordance with the ASME Boiler and Pressure Vessel Code, Section VIII, Division 1; with the 'U' stamp optional. All 'PSE' series vessels feature inlet and outlet inline for ease of installation in existing lines.

STANDARD FEATURES:

Design: ASME Section VIII, Div. 1

Design Pressure: 300 psig

Design Temperature: Up to 450 degrees F

Materials of Construction

Vessel: Carbon Steel

Internals: 304 Stainless Steel

O-Ring: 304 ss

Inlet & Outlet: 300# RF Flange

Exterior Finish: Sand blast & shop enamel

Cover Lift: Mechanical 18" through 24", Hydraulic 30" and larger

OPTIONAL FEATURES:

Materials of Construction

Vessel: 304 or 316 ss (wetted parts only)

Internals: 316 Stainless, Brass

O-Ring: Viton*, Teflon* encapsulated silicone, neoprene, others on special request

Exterior Finish: Special coatings on request

Interior Finish: Coal tar epoxy

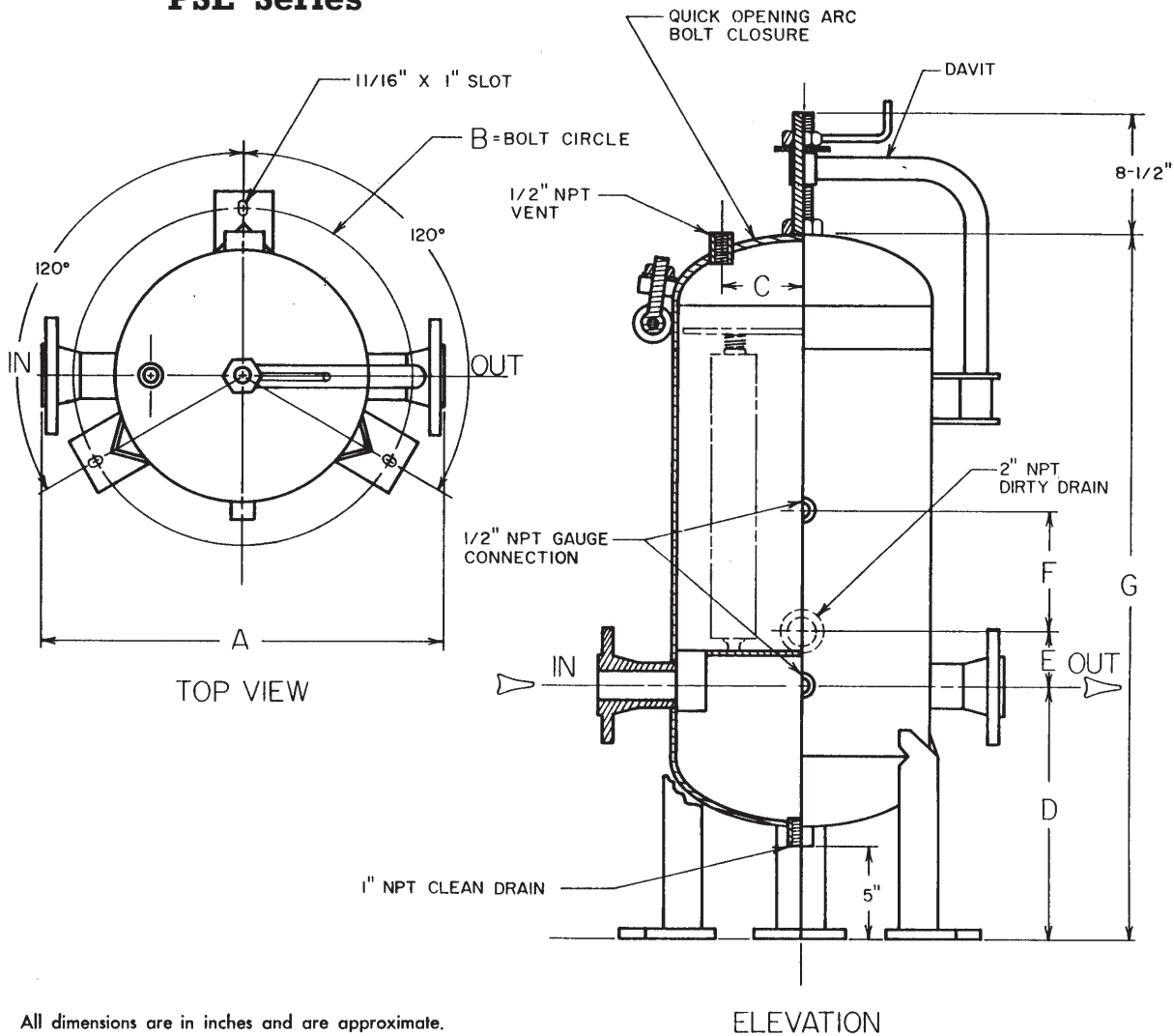
Pressure Gauges: Direct reading differential

Inlet & Outlet: FNPT connections, Flanges

The 'PSE' series vessels will accommodate a wide variety of 2 1/2" diameter cartridges including: string wound, resin impregnated, and pleated paper.

*A trademark of E.I. DuPont de Nemours Co.

'PSE' Series



All dimensions are in inches and are approximate.

All dimensions are in inches and are approximate.

MODEL #	IN / OUT SIZE	# of 10" CTG	SHELL O.D.	A	B	C	D	E	F	G	Est. Weight
6-2-6 PSE	2	6	6-5/8"	18-5/8	12-1/8	2	14-7/16	2-7/8	10	53-3/16	181#
8-5-15 PSE	2	15	8-5/8	20-5/8	14-1/8	2	14-15/16	2-7/8	10	54-3/16	254#
10-7-21 PSE	2	21	10-3/4	22-3/4	16-1/4	2	15-15/16	2-7/8	10	55-11/16	355#
12-11-33 PSE	3	33	12-3/4	22-3/4	18-1/4	2	17-5/16	3-7/16	10	58-1/8	440#
14-14-42 PSE	3	42	14	26	20	3	17-5/8	3-7/16	10	58-3/4	480#
16-18-54 PSE	3	54	16	28	22	4	18-1/8	3-7/16	10	59-3/4	615#
18-24-72 PSE	3	72	18	30	24	5	18-5/8	3-7/16	10	60-3/4	704#
20-30-90 PSE	4	90	0	32	26	5	20	3-15/16	10	63-1/8	796#
24-50-150 PSE	4	150	24	36	30	5	21	4-1/16	10	65-1/4	1012#
30-70-210 PSE	6	210	30	42	37-1/2	5	23-3/4	5-1/8	10	70-9/16	1533#
32-84-252 PSE	6	252	32	44	39-1/2	5	22-1/4	5-1/8	10	71-9/16	1657#
36-105-315 PSE	6	315	36	48	43-1/2	5	25-1/4	5-1/8	10	73-9/16	1944#