



## '718 S' Series

Crall '718 S' series vessels are designed to use 7" x 18" filter cartridges. These vessels are capable of providing flow rates to 1800 gpm. The pressure rating for the 'PSE' Series is 150 psig.

All '718 S' series vessels are designed in accordance with the ASME Boiler and Pressure Vessel Code, Section VIII, Division 1; with the 'U' stamp optional. All '718 S' series vessels feature inlet and outlet inline for ease of installation in existing lines.

### STANDARD FEATURES:

**Design:** ASME Section VIII, Div. 1

**Design Pressure:** 150 psig

**Design Temperature:** Up to 450 degrees F

#### Materials of Construction

**Vessel:** Carbon Steel

**Internals:** Carbon Steel and Aluminum

**O-Ring:** Buna 'N'

**Inlet & Outlet:** 150# RF Flange

**Exterior Finish:** Sand blast & shop enamel

**Cover Lift:** Mechanical 20" through 28", Hydraulic 36" and larger

### OPTIONAL FEATURES:

#### Materials of Construction

**Vessel:** 304 or 316 ss (wetted parts only)

304 or 316 ss (complete)

**Internals:** 304 or 316 Stainless

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

**Exterior Finish:** Special coatings on request

**Interior Finish:** Coal tar epoxy

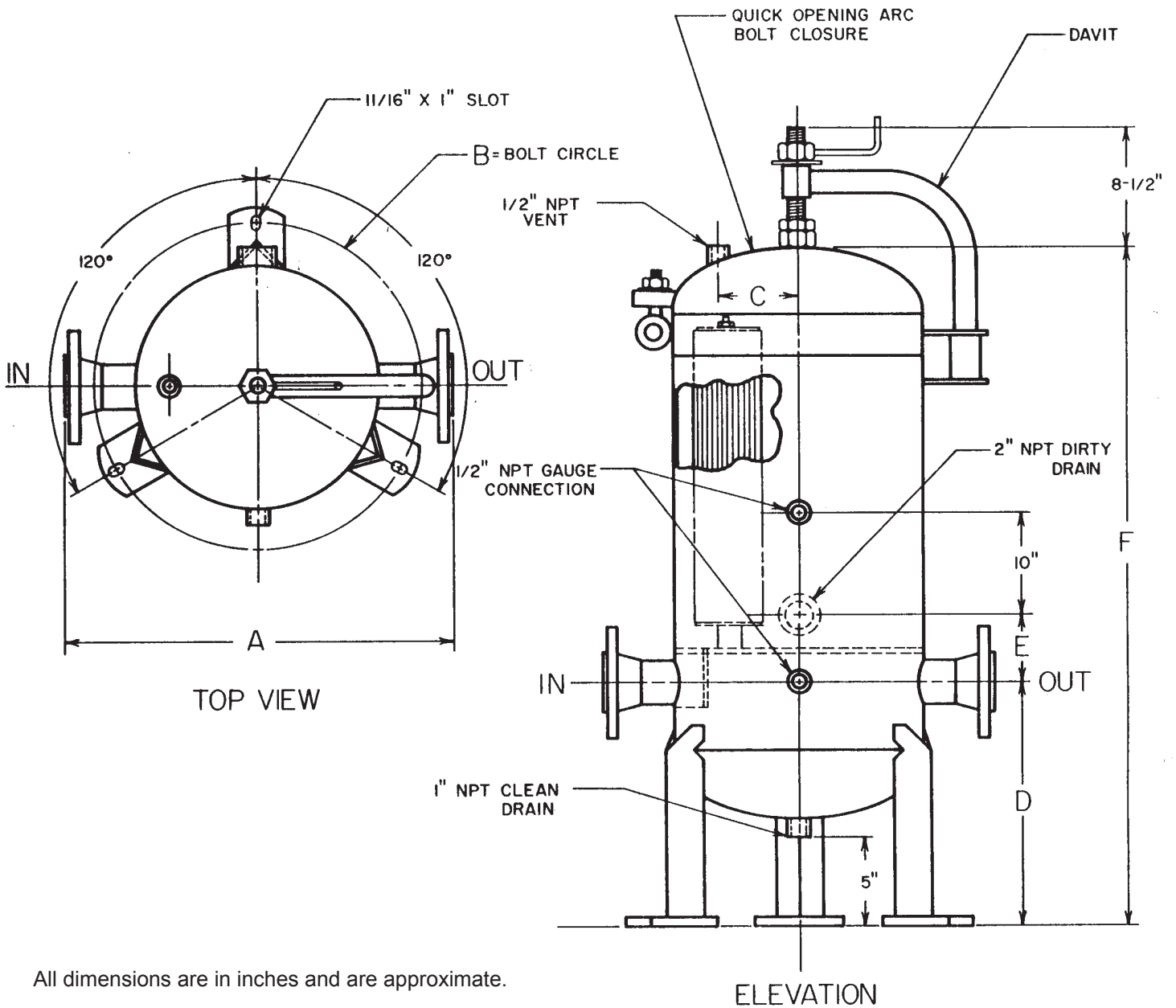
**Pressure Gauges:** Direct reading differential

**Inlet & Outlet:** FNPT connections

The '718 S' series vessels will accommodate a wide variety of 7" x 18" cartridges.

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

# '718 S' Series



All dimensions are in inches and are approximate.

MODEL #	IN / OUT SIZE	# of 718 CTG.	SHELL O.D.	A	B	C	D	E	F	Est. Weight
8-1-718 S	2	1	8-5/8"	20-5/8	14-1/8	2	14-3/4	3	39-3/8	178#
8-1-736 S	2	2	8-5/8"	20-5/8	14-1/8	2	14-3/4	3	57-3/8	220#
16-3-718 S	4	3	16	28	22	4	18-9/16	4-1/16	46-1/16	454#
16-3-736 S	4	6	16	28	22	4	18-9/16	4-1/16	64-1/16	548#
20-6-736 S	6	12	20	32	26	5	20-9/16	5-1/8	68-1/8	723#
28-12-736 S	8	24	28	40	34	6	23-13/16	6-1/8	74-3/8	1162#
36-18-736 S	10	36	36	48	43-1/2	8	27	7-3/16	80-5/8	1789#