

Diatrol Shock Suppressors

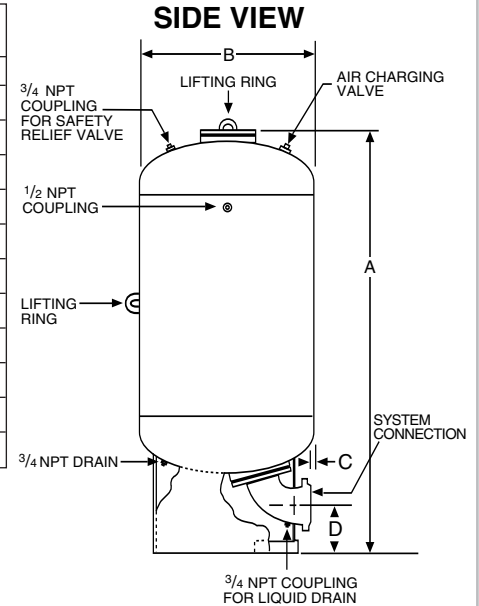
"D" Series (ASME) For Potable Water Service

250 PSIG Working Pressure

ASME Models

Model No.	Tank Vol.		A Height		B Diameter		Sys. Conn.	C	D	E	Ship Wt.	
	Lit.	Gal.	mm	ins.	mm	ins.					ins.	ins.
D-7	200	53	1245	48 ⁷ / ₈	610	24	4	1 ⁹ / ₁₆	8 ³ / ₁₆	28	178	390
D-11	300	80	1600	62 ⁷ / ₈	610	24	4	1 ⁹ / ₁₆	8 ³ / ₁₆	28	230	505
D-14	400	106	1956	76 ⁷ / ₈	610	24	4	1 ⁹ / ₁₆	8 ³ / ₁₆	28	282	618
D-18	500	132	2311	90 ⁷ / ₈	610	24	4	1 ⁹ / ₁₆	8 ³ / ₁₆	28	333	731
D-21	600	158	1893	74 ¹¹ / ₁₆	762	30	4	1 ³ / ₈	7 ¹ / ₄	28	433	950
D-28	800	211	2365	93 ¹ / ₈	762	30	4	1 ³ / ₈	7 ¹ / ₄	28	513	1125
D-35	1000	264	2086	82 ¹ / ₈	914	36	6	3 ¹ / ₄	7 ¹ / ₂	34	693	1520
D-42	1200	317	2465	94 ¹ / ₂	914	36	6	3 ¹ / ₄	7 ¹ / ₂	34	784	1720
D-50	1400	370	2781	109 ¹ / ₂	914	36	6	3 ¹ / ₄	7 ¹ / ₂	34	866	1900
D-56	1600	422	2178	85 ³ / ₄	1220	48	8	1 ³ / ₄	10 ⁷ / ₈	46	1049	2300
D-70	2000	528	2528	99 ³ / ₈	1220	48	8	1 ³ / ₄	10 ⁷ / ₈	46	1231	2700

Note: Allow 18" (460mm) minimum clearance.



Maximum Operating Conditions

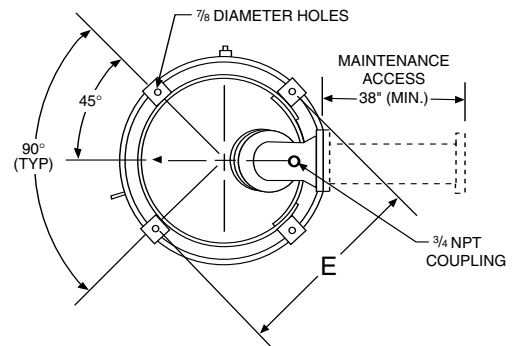
Operating Temperature	200° F (115° C)
Working Pressure	250 PSIG ASME (17.6 kg/cm ²)

Specifications

Description	Standard Construction
Shell	Steel
Bladder	Heavy Duty Butyl ANSI/NSF 61
Bladder Thickness	.100 Minimum
System Connection	Steel - 150# ANSI Flange
Coating	Red Oxide Primer
Factory Precharge	40 PSIG (2.8 kg/cm ²)

Constructed per ASME Code Section VIII, Division 1.

BOTTOM VIEW



All dimensions and weights are approximate.

Job Name _____

Contractor _____

Location _____

Contractor P.O. No. _____

Sales Representative _____

Model No. Ordered _____

Engineer _____

ASME CERTIFICATION REQUIRED YES NO