



Submission Data Information CA-125 Expansion Tanks

401-083

EFFECTIVE: NOVEMBER 19, 2008

SUPERSEDES: JULY 18, 2008

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

QUANTITY	ITEM NO.	MODEL NO.	PRE-CHARGE*	WORKING PRESSURE
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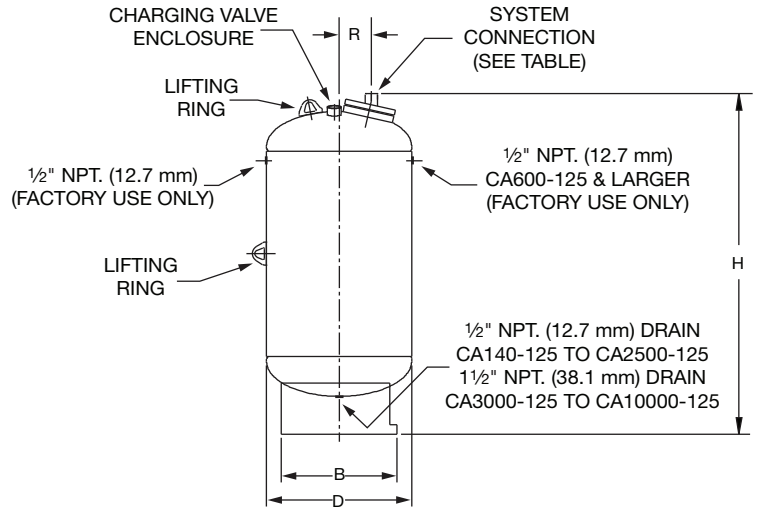
* Unless otherwise specified, standard pre-charge of 12 psi (83 kPa).

CONSTRUCTION

- Bladder type for permanent separation of air and water.
- Water expands into bladder, air pre-charge on shell side.

SPECIFICATIONS

- Shell – Fabricated Steel designed and constructed per ASME Section VIII, Div. 1.
- Bladder – Heavy Duty Butyl, removable for inspection.
- Working Pressure – 125 psi (862 kPa). Optional 150, 175 & 250 psi.
- Operating Temperature – 240°F (116°C) Max.
- All wetted components of FDA approved materials.



MODEL NUMBER	TANK VOLUME		H HEIGHT		B DIAMETER		D DIAMETER		R RADIUS		SHIPPING WEIGHT		SYSTEM CONNECTION SIZE
	GAL.	LITER	INCH	MM	INCH	MM	INCH	MM	INCH	MM	LBS.	KG.	
CA90-125	23	90	29 ¹ / ₈	740	16	406	20	508	4 ¹ / ₄	108	120	55	1" NPT (25.4mm)
CA140-125	37	140	40 ¹ / ₈	1019	16	406	20	508	4 ¹ / ₂	114	195	88	1" NPT (25.4mm)
CA215-125	57	215	58 ⁷ / ₈	1495	16	406	20	508	4 ¹ / ₂	114	290	132	1" NPT (25.4mm)
CA300-125	79	300	57 ³ / ₄	1467	20	508	24	610	5	127	320	145	1 ¹ / ₂ " NPT (38.1mm)
CA450-125	119	450	77 ³ / ₈	1965	20	508	24	610	5	127	400	181	1 ¹ / ₂ " NPT (38.1mm)
CA500-125	132	500	85 ³ / ₄	2178	20	508	24	610	5	127	420	191	1 ¹ / ₂ " NPT (38.1mm)
CA600-125	158	600	71 ⁷ / ₈	1826	24	610	30	762	6 ¹ / ₄	159	460	209	1 ¹ / ₂ " NPT (38.1mm)
CA700-125	185	700	80 ⁵ / ₈	2048	24	610	30	762	6 ¹ / ₄	159	525	238	1 ¹ / ₂ " NPT (38.1mm)
CA800-125	211	800	89 ⁷ / ₈	2283	24	610	30	762	6 ¹ / ₄	159	590	268	1 ¹ / ₂ " NPT (38.1mm)
CA900-125	238	900	73 ¹ / ₈	1857	30	762	36	914	7 ⁷ / ₁₆	189	690	313	1 ¹ / ₂ " NPT (38.1mm)
CA1000-125	264	1000	79	2007	30	762	36	914	7 ⁷ / ₁₆	189	790	358	1 ¹ / ₂ " NPT (38.1mm)
CA1100-125	291	1100	85 ¹ / ₄	2165	30	762	36	914	7 ⁷ / ₁₆	189	865	392	1 ¹ / ₂ " NPT (38.1mm)
CA1200-125	317	1200	91	2311	30	762	36	914	7 ⁷ / ₁₆	189	940	426	1 ¹ / ₂ " NPT (38.1mm)
CA1300-125	344	1300	97	2464	30	762	36	914	7 ⁷ / ₁₆	189	980	445	1 ¹ / ₂ " NPT (38.1mm)
CA1400-125	370	1400	103	2616	30	762	36	914	7 ⁷ / ₁₆	189	1020	463	1 ¹ / ₂ " NPT (38.1mm)
CA1500-125	396	1500	73 ³ / ₈	1864	40	1016	48	1219	10 ¹⁵ / ₁₆	278	1200	544	1 ¹ / ₂ " NPT (38.1mm)
CA1600-125	422	1600	76 ⁵ / ₈	1946	40	1016	48	1219	10 ¹⁵ / ₁₆	278	1380	626	1 ¹ / ₂ " NPT (38.1mm)
CA1800-125	475	1800	83 ¹ / ₂	2121	40	1016	48	1219	10 ¹⁵ / ₁₆	278	1515	687	1 ¹ / ₂ " NPT (38.1mm)
CA2000-125	528	2000	90 ³ / ₈	2296	40	1016	48	1219	10 ¹⁵ / ₁₆	278	1650	748	1 ¹ / ₂ " NPT (38.1mm)
CA2500-125	660	2500	107 ¹ / ₈	2721	40	1016	48	1219	10 ¹⁵ / ₁₆	278	1838	834	1 ¹ / ₂ " NPT (38.1mm)
CA3000-125	792	3000	94 ¹ / ₈	2391	44	1118	54	1372	11 ⁷ / ₁₆	291	2025	919	2" NPT (50.8mm)
CA4000-125	1056	4000	120 ³ / ₄	3067	44	1118	54	1372	11 ⁷ / ₁₆	291	2400	1089	2" NPT (50.8mm)
CA5000-125	1320	5000	150 ¹ / ₄	3816	44	1118	54	1372	11 ⁷ / ₁₆	291	3100	1406	2" NPT (50.8mm)
CA7500-125	1980	7500	128 ³ / ₄	3270	62	1575	72	1829	11 ¹ / ₂	292	3850	1746	3" NPT (76.2mm)
CA10000-125	2640	10000	158 ¹ / ₄	4020	62	1575	72	1829	11 ¹ / ₂	292	4500	2041	3" NPT (76.2mm)

Note: Weight shown is for 125 psi models only. Consult factory for shipping weight of higher design pressure models.
Allow 18" minimum clearance above tank for piping system connection.

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