



# CAF FLOW THROUGH EXPANSION TANKS

Submittal

JOB: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

**PRODUCT DATA**

ITEM NO. \_\_\_\_\_ LOCATION \_\_\_\_\_

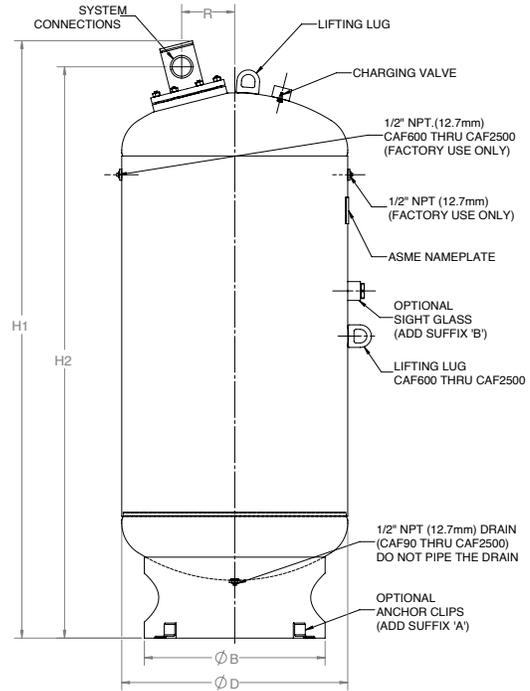
MODEL NO. \_\_\_\_\_ QUANTITY \_\_\_\_\_

PRE-CHARGE\* \_\_\_\_\_ WORKING PRESSURE \_\_\_\_\_

\* Unless otherwise specified, standard pre-charge of 40 psi (276 kPa).

**SPECIFICATIONS**

- Designed and constructed per ASME Code Section VIII, Div. 1.
- Construction: Carbon Steel with exterior red oxide primer finish
- Standard Design Pressure and Temperature: 125 psi @ 240°F (862 kPa @ 116°C) Max.
- Registered with the National Board of Pressure Vessel Manufacturers
- U-1A Data Report
- Bladder type for permanent separation of air and water.
- 2 connection design permitting flow through tank.
- Water expands into bladder, air pre-charge on shell side.
- Bladder – Heavy Duty Butyl, removable for inspection.
- System Connection Materials 304 Stainless Steel
- **Suitable for Vertical Installation**
- Models certified to NSF 372 are required to be installed on the cold water side of the hot water heater.



**OPTIONAL DESIGN PRESSURES AND TEMPERATURES**

- 150 psi @ 240°F (1034 kPa @ 116°C)
- 175 psi @ 240°F (1207 kPa @ 116°C)
- 250 psi @ 240°F (1724 kPa @ 116°C)
- 300 psi @ 240°F (2069 kPa @ 116°C)

**ADDITIONAL OPTIONS**

- [ A ] Anchor Clips
- [ B ] Bulls Eye Sight Glass



Model Number	Tank Volume		H1' HEIGHT		H2' HEIGHT		B' DIAMETER		D' DIAMETER		R' RADIUS		SHIPPING WEIGHT **		SYSTEM CONNECTION SIZE		Max Flow in Tank Rate
	GAL.	liter	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	LBS	kg	Imperial	metric	GPM
CAF90-125P	23	90	34	863.6	31 1/8	790.6	16	406	20	508	5.49	139	129	58.5	1 1/2" NPT	38.1mm	55
CAF140-125P	37	140	45	1143	42 1/8	1070	16	406	20	508	5.49	139	204	92.5	1 1/2" NPT	38.1mm	55
CAF215-125P	57	215	63 3/4	1619.3	60 7/8	1546.2	16	406	20	508	5.49	139	299	135.6	1 1/2" NPT	38.1mm	55
CAF300-125P	79	300	62 5/8	1590.7	59 1/8	1501.8	20	508	24	610	5.50	140	333	151.0	2" NPT	50.8mm	80
CAF450-125P	119	450	82 1/4	2089.2	78 3/4	2000.3	20	508	24	610	5.50	140	413	187.3	2" NPT	50.8mm	80
CAF500-125P	132	500	90 5/8	2301.9	87 1/8	2212.34	20	508	24	610	5.50	140	433	196.4	2" NPT	50.8mm	80
CAF600-125P	158	600	76 3/8	1940	73	1854.2	24	610	30	762	7.05	179	473	214.5	2" NPT	50.8mm	80
CAF700-125P	185	700	85 1/8	2162.2	81 5/8	2073.3	24	610	30	762	7.05	179	538	244	2" NPT	50.8mm	80
CAF800-125P	211	800	94 3/8	2397.2	90 7/8	2308.2	24	610	30	762	7.05	179	603	273.5	2" NPT	50.8mm	80
CAF900-125P	238	900	79 7/8	2028.8	75 1/4	1911.35	30	762	36	914	8.48	215	719	326	3" NPT	76.2mm	200
CAF1000-125P	264	1000	85 3/4	2178.1	82 1/8	2085.9	30	762	36	914	8.48	215	819	371.5	3" NPT	76.2mm	200
CAF1100-125P	291	1100	92	2336.8	87 3/8	2219.3	30	762	36	914	8.48	215	894	405.5	3" NPT	76.2mm	200
CAF1200-125P	317	1200	97 3/4	2482.9	93 1/8	2365.4	30	762	36	914	8.48	215	969	439.5	3" NPT	76.2mm	200
CAF1300-125P	344	1300	103 3/4	2635.3	99 1/8	2517.65	30	762	36	914	8.48	215	1009	457.8	3" NPT	76.2mm	200
CAF1400-125P	370	1400	109 3/4	2787.7	105 1/8	2670.2	30	762	36	914	8.48	215	1049	475.8	3" NPT	76.2mm	200
CAF1500-125P	396	1500	81 5/8	2073.3	76 3/8	1939.9	40	1016	48	1219	12.77	324	1251	567.4	3" NPT	76.2mm	200
CAF1600-125P	422	1600	84 3/4	2152.7	79 1/2	2019.3	40	1016	48	1219	12.77	324	1431	649	3" NPT	76.2mm	200
CAF1800-125P	475	1800	91 5/8	2327.3	86 3/8	2193.9	40	1016	48	1219	12.77	324	1567	710.8	3" NPT	76.2mm	200
CAF2000-125P	528	2000	98 5/8	2505.1	93 3/8	2371.7	40	1016	48	1219	12.77	324	1701	771.6	3" NPT	76.2mm	200
CAF2500-125P	660	2500	115 3/8	2930.5	110 1/8	2797.2	40	1016	48	1219	12.77	324	1881	853.2	3" NPT	76.2mm	200