

L Series - Pre-Charged (ASME) Expansion Tank

SUBMITTAL

JOB: _____	REPRESENTATIVE: _____	
_____	ORDER NO: _____	DATE: _____
ENGINEER: _____	SUBMITTED BY: _____	DATE: _____
CONTRACTOR: _____	APPROVED BY: _____	DATE: _____

MODEL NO. ORDERED: _____ QTY.: _____
 TAG NO.: _____
 OPTIONAL CALIFORNIA SIGHT-GLASS: YES NO
 CHARGE PRESSURE: _____ psi/kPa
Standard factory charge is 12 psi (83 kPa) unless otherwise specified.

- **Not for Domestic Potable Water Systems.**
- **Designed and constructed per ASME, Section VIII, Division 1.**
- **California Code Sight-glass available as an option.**
- **Allow a minimum of 18" (457 mm) clearance for system piping.**

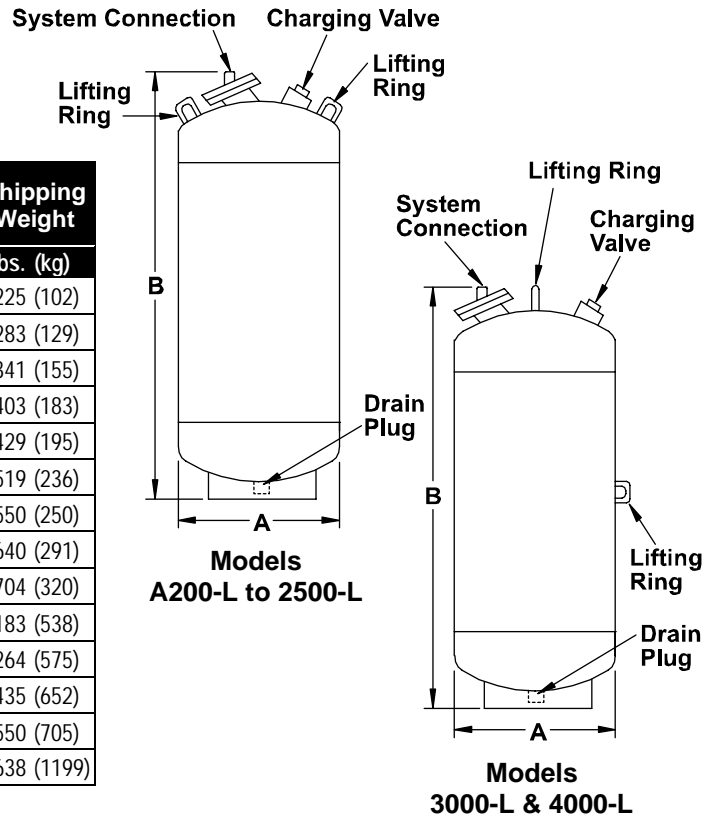
OPERATING CONDITIONS	
Temperature Range	35°F - 240°F (1.7°C - 115°C)
Max. Pressure	125 psi (862 kPa)

TYPICAL SPECIFICATION

Furnish and install, as shown on the plans, Armstrong Model _____-L ASME pre-charged Bladder Expansion Tank, stamped for 125 psi (862 kPa) working pressure. Each tank will be supplied with a heavy duty butyl replaceable bladder. Tank shall be supplied with a ring base, lifting rings, and NPT system connection. An air charging valve connection (standard tire valve) shall be provided to facilitate adjusting pre-charge pressure to meet actual system conditions.

MATERIALS OF CONSTRUCTION	
Shell	Carbon Steel
Bladder	Heavy Duty Butyl

Model	Tank Volume	A	B	System Conn. NPT	Drain Plug	Shipping Weight
	gal. (L)					
A200-L	53 (200)	24 (610)	40.375 (1026)	1.5 (38)	0.75 (19)	225 (102)
A300-L	80 (300)	24 (610)	53.875 (1368)	1.5 (38)	0.75 (19)	283 (129)
A400-L	106 (400)	24 (610)	67.375 (1711)	1.5 (38)	0.75 (19)	341 (155)
A500-L	132 (500)	24 (610)	81.750 (2076)	1.5 (38)	0.75 (19)	403 (183)
A600-L	158 (600)	30 (762)	65.500 (1664)	1.5 (38)	0.75 (19)	429 (195)
A800-L	211 (800)	30 (762)	83.000 (2108)	1.5 (38)	0.75 (19)	519 (236)
A1000-L	264 (1000)	36 (914)	75.500 (1918)	1.5 (38)	0.75 (19)	550 (250)
A1200-L	317 (1200)	36 (914)	86.000 (2184)	1.5 (38)	0.75 (19)	640 (291)
A1400-L	370 (1400)	36 (914)	96.000 (2438)	1.5 (38)	0.75 (19)	704 (320)
1600-L	422 (1600)	48 (1219)	71.000 (1803)	1.5 (38)	0.75 (19)	1183 (538)
2000-L	528 (2000)	48 (1219)	85.000 (2159)	1.5 (38)	0.75 (19)	1264 (575)
2500-L	660 (2495)	48 (1219)	102.000 (2591)	2.0 (51)	0.75 (19)	1435 (652)
3000-L	792 (2994)	48 (1219)	122.000 (3099)	2.0 (51)	0.75 (19)	1550 (705)
4000-L	1056 (3992)	60 (1524)	102.000 (2591)	2.0 (51)	0.75 (19)	2638 (1199)



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