

Submittal Data



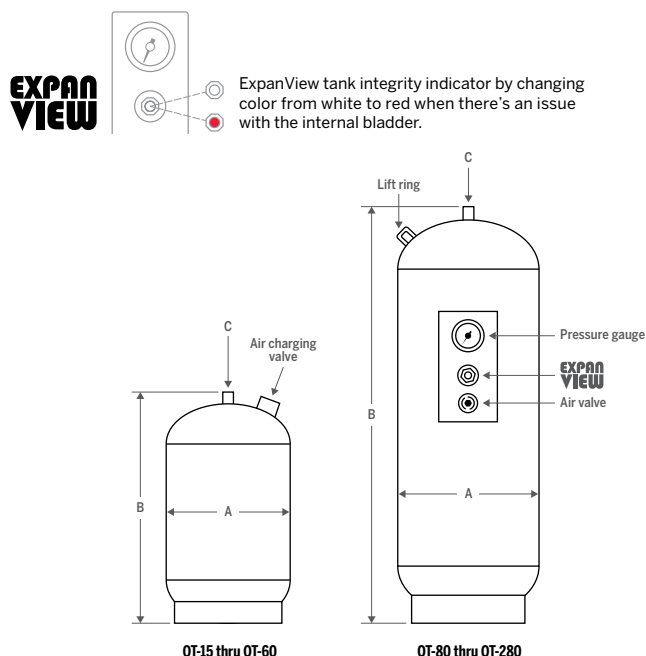
ASME EXPANSION TANK HEATING / OT SERIES

Job Name: _____
 Location: _____
 Engineer: _____
 Contractor: _____
 Sales Rep.: _____

Submitted by: _____ Date: _____
 Approved by: _____ Date: _____
 Order No.: _____ Date: _____
 Notes: _____

QUANTITY	<input type="text"/>	PRESSION MAXIMALE	<input type="checkbox"/> 125 PSI / 861 kPa
MODEL	OT- <input type="text"/>	<input type="checkbox"/> 150 PSI / 1034 kPa	<input type="checkbox"/> 175 PSI / 1207 kPa
OPTION	<input type="checkbox"/> Seismic bracket Suffix "VB" (fits models OT-40 to OT-280) <input type="checkbox"/> Straps – Suffix "C" <input type="checkbox"/> Saddles – Suffix "FO"		
<input type="checkbox"/> Other*: <input type="text"/>			

*Subject to the manufacturer's approval.



✓ **Fixed bladder** ✓ **Top Connection**

- ▶ Fixed bladder in ultra resistant EPDM
- ▶ Design conforms to ASME, section VIII
- ▶ Air precharged at factory; pressure adjustable on site
- ▶ Water remains permanently separated from air for the duration of the useful life of the installation

TECHNICAL SPECIFICATIONS

- ▶ Exterior finish in painted primer
- ▶ Maximum temperature of 240°F (115°C) at the tank level
- ▶ Air precharged at factory at 12 PSI (83 kPa)
- ▶ Service pressure
 - OT-15 thru OT-60 : 150 PSI (1034 kPa)
 - OT-80 thru OT-280 : 125 PSI (862 kPa)
- ▶ Maximum pressure of 175, 250 and 300 PSI also available

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a _____ gallons/liters _____ in/mm diameter × _____ in/mm high air precharged steel expansion tank with a heavy-duty butyl fixed bladder. The tank shall be equipped with a tank integrity indicator (ExpanView), a _____ inches NPT top system connection and a 0.302"-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank shall be fitted with lifting rings and basing or angle legs for vertical installation. The tank must be constructed in accordance with most recent addition of Section VIII of the ASME Boiler and Pressure Vessel Code and stamped _____ PSI working pressure. Each tank must be Calefactio model number OT- _____ or approved equal.

Model#	Tank Volume		Acceptance Volume		Max. Operating Pressure	Dimensions				NPT Connect.		Weight	
						A		B		C			
	gal	L	gal	L		PSI	in	mm	in	mm	in	mm	lb
OT-15	7.8	30	6.3	24	150	12	305	21.5	533	¾	19	36	16
OT-20	11	42	8.8	33	150	12	305	26.5	660	¾	19	40	18
OT-40	25	95	20.2	76	150	16	406	35	889	1	25	68	31
OT-60	35	132	28	106	150	16	406	46	1165	1	25	83	38
OT-80	45	170	36	136	125	20	508	38	965	1	25	148	67
OT-100	60	227	48.5	184	125	20	508	49	1245	1	25	175	79
OT-120	70	265	56.5	214	125	24	610	46	1168	1½	38	259	117
OT-144	80	303	65	246	125	24	610	49	1245	1½	38	268	122
OT-180	90	341	73	276	125	24	610	52	1321	1½	38	283	128
OT-200	115	435	93	352	125	24	610	66	1676	1½	38	325	147
OT-240	140	530	113.5	430	125	24	610	78	1981	1½	38	362	164
OT-260	158	598	128	485	125	30	762	63	1600	1½	38	591	268
OT-280	211	799	171	647	125	30	762	81	2032	1½	38	752	341

To obtain a tank of higher capacity and greater pressure, contact the manufacturer.