

## ASME EXPANSION TANK

- Fixed bladder
- Top connection

Calefactio type OT tanks are ASME fixed bladder type air precharged expansion tanks equipped with an ExpanView tank integrity indicator.

They are designed to absorb the expansion forces and control the pressure in heating/cooling systems.

The system's expanded water (fully compatible with water/glycol mixtures) is contained in a heavy-duty butyl fixed bladder preventing tank corrosion and waterlogging problems. OT expansion tanks reduce tank sizes up to 80%.

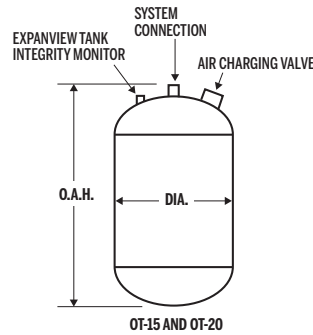
- ASME Section VIII construction and label
- Heavy-duty butyl fixed bladder
- Permanent separation of air and water
- Smaller sizes for easier handling, and saving space and installation costs
- Can be manifolded for more capacity
- Factory air precharged 12 psi and field adjustable

### Type OT expansion tanks

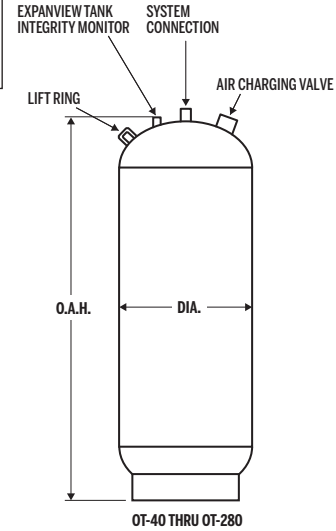
ASME fixed bladder type air precharged expansion tanks for commercial and industrial heating/cooling systems available in sizes from 7.8 gallons to 211 gallons.

**EXPANVIEW**

Equipped with ExpanView, a tank integrity indicator alerting the user of a bladder leak by changing colour



OT-15 AND OT-20



OT-40 THRU OT-280

Model	Tank volume		Acceptance volume		NPT Connection		Max operating pressure psi	Dimensions				Approx. weight	
	gal	L	gal	L	in	mm		Diameter		Height		lb	kg
								in	mm	in	mm		
OT-15	7.8	30	6.3	24	3/4	19	150	12	305	19	483	42	19
OT-20	11	42	8.8	33	3/4	19	150	12	305	25	635	52	23
OT-40	25	95	20.2	76	1	25	150	16	406	33	838	84	38
OT-60	35	132	28	106	1	25	150	16	406	45	1143	97	43
OT-80	45	170	36	136	1	25	125	20	508	38	965	148	67
OT-100	60	227	48.5	184	1	25	125	20	508	49	1245	175	79
OT-120	70	265	56.5	214	1 1/2	38	125	24	610	46	1168	259	117
OT-144	80	303	65	246	1 1/2	38	125	24	610	49	1245	268	122
OT-180	90	341	73	276	1 1/2	38	125	24	610	52	1321	283	128
OT-200	115	435	93	352	1 1/2	38	125	24	610	66	1676	325	147
OT-240	140	530	113.5	430	1 1/2	38	125	24	610	78	1981	362	164
OT-260	158	598	128	485	1 1/2	38	125	30	762	63	1600	591	268
OT-280	211	799	171	647	1 1/2	38	125	30	762	81	2032	752	341

QUANTITY: \_\_\_\_\_ MODEL: OT-\_\_\_\_\_

OPTION:  Seismic bracket – Suffix “VB” (Fits models OT-40 to OT-280)  Straps – Suffix “C”  Saddles – Suffix “FO”

Notes: \_\_\_\_\_

Project: \_\_\_\_\_ Representative: \_\_\_\_\_

Location: \_\_\_\_\_ Date submitted: \_\_\_\_\_

Engineer: \_\_\_\_\_ Approved by: \_\_\_\_\_

Contractor: \_\_\_\_\_ Date of approval: \_\_\_\_\_

**TYPICAL SPECIFICATIONS:** Furnish and install as shown on plans a \_\_\_\_\_ gallons/liters \_\_\_\_\_ in/mm diameter x \_\_\_\_\_ 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 .302”-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank must be constructed in accordance with most recent addition of Section VIII of the ASME Boiler and Pressure Vessel Code. Each tank must be Calefactio model number OT-\_\_\_\_\_ or approved equal.