

SINCE 1908
wessels
 company

SUBMITTAL

TYPE: NTA ASME EXPANSION TANKS FOR HEATING & COOLING SYSTEMS

MODELS: NTA-15 TO NTA-280

Submittal Sheet No. A-3360A

Date: 1-04

JOB _____ Unit Tag No. _____ Engineer _____ Contractor _____	Wessels Representative _____ _____ _____ Order No. _____ Date _____ Submitted By _____ Date _____ Approved By _____ Date _____
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DESCRIPTION

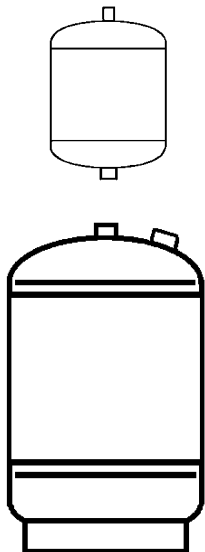
Wessels Type NTA Tanks are ASME fixed diaphragm type pre-charged expansion tanks. They are designed to absorb the expansion forces and control the pressure in heating/cooling systems. The system's expanded water (fully compatible with water/glycol mixtures) is contained in a heavy-duty bladder preventing tank corrosion and waterlogging problems. NTA expansion tanks reduce tank sizes up to 80%.

CONSTRUCTION

Shell: Carbon Steel
 Diaphragm: Heavy duty butyl

PERFORMANCE LIMITATIONS

Maximum Design Temperature: 240°F
 Maximum Design Pressure: 125 PSIG



Model	Gal.	Accept.	Dia.	Ht.	Syst. Conn.	Wt. (Lbs.)
NTA-15	7.8	4.8	12	19	3/4	44
NTA-20	10.9	4.8	12	26	3/4	47

NTA-40	25.0	10.5	16	33	1	90
NTA-60	35.0	10.5	16	45	1	111
NTA-80	45.0	21.0	20	38	1	147
NTA-100	60.0	21.0	20	49	1	167
NTA-120	70.0	52.5	24	46	1 1/2	225
NTA-144	80.0	52.5	24	49	1 1/2	245
NTA-180	90.0	52.5	24	52	1 1/2	265
NTA-200	115.0	52.5	24	66	1 1/2	295
NTA-240	140.0	52.5	24	78	1 1/2	425
NTA-260	158.0	79.0	30	61	1 1/2	475
NTA-280	211.0	84.0	30	79	1 1/2	645

TYPICAL SPECIFICATION

Furnish and install as shown on plans a _____ gallon _____" diameter X _____" (high) pre-charged steel expansion tank with heavy-duty butyl rubber diaphragm. The tank shall have NPT system connections 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 shall be Wessels model number NTA _____ or approved equal.