SINCE 1908

wessels company

SUBMITTAL

TYPE: NLA-SERIES ASME PRESSURIZED EXPANSION TANKS FOR HEATING & COOLING SYSTEMS

MODELS: NLA-2500 TO NLA-15000
Submittal Sheet No. NLAHP-3350 Date: 11-03

JOB

Wessels Representative _____

_____

_____

Unit Tag No. _____ Order No. _____ Date _____

Engineer _____ Submitted By _____ Date _____

Contractor _____ Approved By _____ Date _____

DESCRIPTION

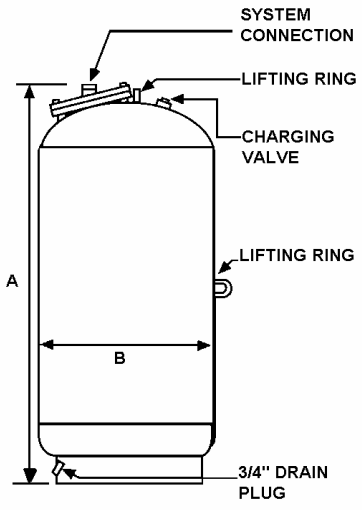
Wessels Type NLA-Series Tanks are ASME removable bladder type pre-charged expansion tanks. They are designed to absorb the expansion forces and control the pressure in heating/cooling systems. The system's expanded water (fully compatible with water/glycol mixtures) is contained in a heavy-duty bladder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

CONSTRUCTION

Shell: Carbon Steel
Bladder: Heavy duty butyl

PERFORMANCE LIMITATIONS

Maximum Design Temperature: 240ºF
Maximum Design Pressure: 125 PSIG
200 PSIG
250 PSIG



SCHEDULE

Model	Volume Gal.	"B" Dia.	"A" Height	Syst. Conn.	Shipping Weight 125 PSI (Lbs.)	Shipping Weight 200 PSI (Lbs.)	Shipping Weight 250 PSI (Lbs.)
NLA-2500	660	48"	102"	2"	1435	1847	2425
NLA-3000L	792	48"	122"	2"	1550	2152	2831
NLA-3000S	792	60"	80"	2"	2169	2477	2780
NLA-4000	1056	60"	102"	2"	2638	2850	3146
NLA-5000	1320	60"	125"	2"	3246	3430	3913
NLA-7500	1980	72"	127"	3"	4005	4413	5468
NLA-10000	2640	72"	159"	3"	4845	5439	6755
NLA-15000	3963	72"	233"	3"	5925	7810	9731

Notes: **Tanks are factory pre-charged at 12 PSI and field adjustable.**
Charging valve is .302"-32NC

TYPICAL SPECIFICATION

Furnish and install as shown on plans a _____ gallon _____" diameter X _____" (high) pre-charged steel expansion tank with heavy-duty butyl rubber bladder. 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 NLA-_____ or approved equal.

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