

SINCE 1908
wessels
company

SUBMITTAL

TYPE: NLAP ASME PRESSURIZED EXPANSION TANKS
FOR HEATING & COOLING SYSTEMS

MODELS: NLAP 40 THRU NLAP 1100

Submittal Sheet No. N-3355

Date: 9-00

JOB

Wessels Representative _____

Unit Tag No. _____

Order No. _____ Date _____

Engineer _____

Submitted By _____ Date _____

Contractor _____

Approved By _____ Date _____

DESCRIPTION

Wessels Type NLAP Tanks are ASME removable bladder type pre-charge expansion tanks. They are designed to absorb the expansion forces and control the pressures in heating/cooling systems. The water is contained in the one-piece molded heavy-duty butyl bladder preventing tank corrosion and waterlogging problems. NLAP expansion tanks reduce tank sizes up to 80%.

CONSTRUCTION

Shell: Carbon Steel
Bladder: Heavy Duty Butyl

PERFORMANCE LIMITATIONS

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

*200 & 250 PSIG available

SCHEDULE

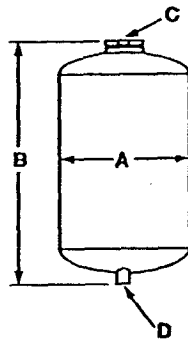
Model Number	Tank Volume Gallons	Tagging Information	Quantity
NLAP 40	11		
NLAP 60	15		
NLAP 100	25		
NLAP 150	39		
NLAP 220	58		
NLAP 325	85		
NLAP 400	104		
NLAP 560	147		
NLAP 600	158		
NLAP 700	185		
NLAP 815	215		
NLAP 950	250		
NLAP 1100	290		

TYPICAL SPECIFICATIONS

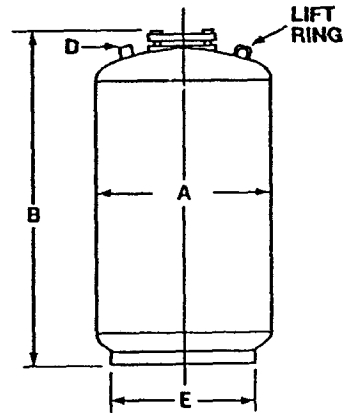
Furnish and install as shown on the plans a _____ gallon _____" diameter X _____" (high) pre-charged steel expansion tank with a one piece molded heavy duty butyl bladder. The tank shall have NPT system connections and a .302" - 32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code.

Each tank shall be Wessels model number NLAP _____ or approved equal.

ASME EXPANSION TANKS - PRESSURIZED



NLAP 40 and NLAP 60

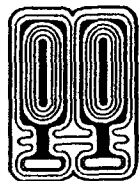


NLAP 100 thru NLAP 1100

DIMENSIONS & WEIGHTS

Model Number	Dimensions in Inches					Approx. Ship Wt. (lbs)
	Dia. A	Height B	System Connection C	Charging Valve D	E	
NLAP 40	12"	26.5"	3/4"	.302" -32NC	~	42
NLAP 60	14"	26.1"			~	52
NLAP 100	16"	32.1"	1"		12"	77
NLAP 150		48.5"				115
NLAP 220	20"	48.5"	1 1/2"		16"	170
NLAP 325	24"	50.5"			20"	225
NLAP 400		57.5"				250
NLAP 560	30"	53.0"			24"	325
NLAP 600		58.0"				350
NLAP 700		66.0"				400
NLAP 815	36"	58.0"			30"	475
NLAP 950		66.0"				540
NLAP 1100		75.0"				625

Note: Tanks are factory pre-charged at 12 psi and field adjustable
California code-sight glass available on request



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