

AA tanks

SUBMITTAL

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

MODELS: NLA 35 TO NLA 800

Submittal Sheet No. N-3350

Date 1-95

JOB _____

AA tanks Representative _____

Unit Tag No. _____

Order No. _____ Date _____

Engineer _____

Submitted By _____ Date _____

Contractor _____

Approved By _____ Date _____

DESCRIPTION

AA tanks Type NLA 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 water is contained in the 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 Pressure: 125 PSIG*
Maximum Design Temperature: 240°F

*200 & 250 PSIG available

SCHEDULE

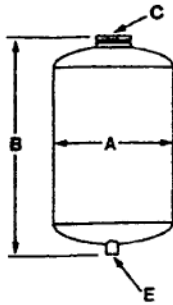
Model Number	Tank Volume Gallons	Tagging Information	Quantity
NLA 35	10		
NLA 50	13		
NLA 85	23		
NLA 130	35		
NLA 200	53		
NLA 300	79		
NLA 400	106		
NLA 500	132		
NLA 600	158		
NLA 800	211		

TYPICAL SPECIFICATIONS

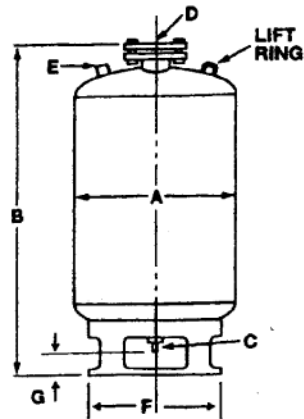
Furnish and install as shown on plans a _____ gallon _____ " diameter X _____ " (high) pre-charged steel expansion tank with a heavy duty butyl rubber bladder. The tank shall have NPT system connections and a .302" - 32 charging valve connection (standard tire valve) to facilitate the on-site charging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

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

ASME EXPANSION TANKS - PRESSURIZED



NLA 35 and NLA 50



NLA 85 thru NLA 800L

DIMENSIONS & WEIGHTS

Model Number	Dimensions in Inches							Approx. Ship Wt. (lbs)
	A	B	System Connection		Charging Valve	F	G	
			C	D				
NLA 35	12"	25"	3/4"	-	.302" -32NC	-	-	40
NLA 50	14"			-		-	90	
NLA 85	16"	37"	1"	1/2"		12"	5 1/2"	125
NLA 130	20"					16"		210
NLA 200	24"	43"	1 1/2"	3/4"		20"	5 1/4"	225
NLA 300		55"				24"		300
NLA 400	30"	49"	1 1/2"	3/4"		26"		335
NLA 500		57"						360
NLA 600		65"						475
NLA 800L	32"	76"						

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

Note: On models NLA 85 thru NLA 800L both top and bottom connections (C and D) access the bladder.

AAtanks

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