



Submittal

GNLA-SERIES

HVAC EXPANSION TANKS

Models: GNLA-1000 to GNLA-15000

Submittal Sheet No. - Rev. Hurley 8/22/23

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	_____
Contractor _____	_____	_____
Sales Rep. _____	_____	_____

Description:

GNLA tanks are ASME removable bladder-type pre-charged HVAC 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 full-acceptance heavy-duty butyl bladder that prevents tank corrosion and waterlogging problems. All GNLA expansion tanks can be installed vertically or horizontally.

Construction:

Shell: Carbon Steel
 Heads: Carbon Steel
 Exterior: Carbocoat 140 – Harvester Red
 Bladder: Heavy Duty Butyl Bladder

Design Parameters:

Maximum Design Pressure: 125 PSIG
 Temperature Range: -20°F to 240°F

*200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
GNLA-1000	99397653	264		
GNLA-1200	99397654	317		
GNLA-1400	99397655	370		
GNLA-1600	99397656	422		
GNLA-2000	99397657	528		
GNLA-2500	99397658	660		
GNLA-3000L	99397659	792		
GNLA-3000S	99397660	792		
GNLA-4000	99397661	1056		
GNLA-5000	99397662	1320		
GNLA-7500	99397663	1980		
GNLA-10000	99397664	2640		
GNLA-15000	99397665	3963		

Typical Specification:

Furnish and install as show on plans, gallon _____ gallon _____ "diameter X _____" (high) precharged steel HVAC expansion tank with heavy duty butyl bladder. The tank shall have multiple water side connections to eliminate the on-site charging of the tanks to meet system requirements, a pressure gauge, and bladder integrity monitor. The tank must be constructed in accordance with the most recent addendum of Section VII Division 1 of the ASME Boiler and Pressure vessel Code and rated for 125 PSIG.

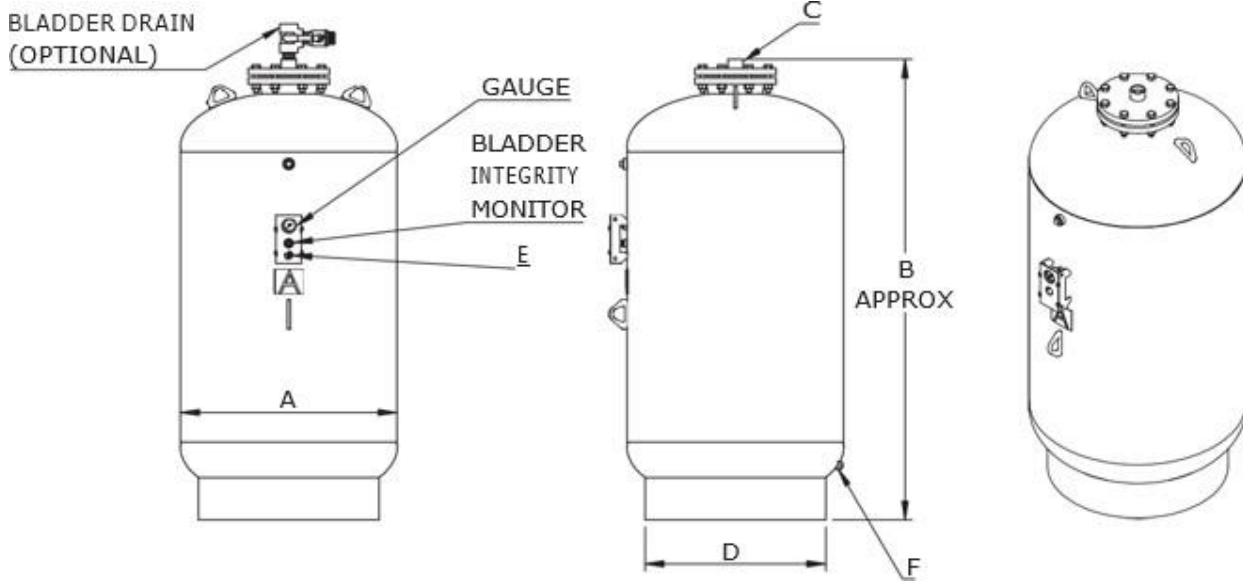
Each tank shall be model number GNLA- _____ or approved equal.

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Dimensions and Weights:

Model Number	Dimensions in Inches					Approx. Shipping Weight (lbs)
	A	B	System Connection		Charging Valve	
			C	D		
GNLA-1000	36	76	1 1/2 NPT	30	0.302"-32NC	552
GNLA-1200		88				
GNLA-1400		100				
GNLA-1600	48	74	2 NPT	42	3/4 NPT	1046
GNLA-2000		86				
GNLA-2500		104				
GNLA-3000L	60	124	3 NPT	54	1 NPT	1658
GNLA-3000S		83				
GNLA-4000		105				
GNLA-5000	75	128	3 NPT	66	1 NPT	2617
GNLA-7500		131				
GNLA-10000		162				
GNLA-15000		233				5925

Notes:

- Tanks are factory precharged at 40 PSIG and are field adjustable.
- California code sight glass is available upon request.
- Both top and bottom connections (C & D) access the bladder.
- Mounting clips are available upon request.