



Submittal

GNLA-SERIES

HVAC EXPANSION TANKS

Models: GNLA-1000-HP to GNLA-15000-HP
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: 250 PSIG
 Temperature Range: -20°F to 240°F

*125 PSIG available

Model Number	Part Number (200PSIG)	Part Number (250PSIG)	Tank Volume (Gallons)	Tagging Information	Quantity
GNLA-1000-HP	99397676	99397699	264		
GNLA-1200-HP	99397677	99397700	317		
GNLA-1400-HP	99397678	99397701	370		
GNLA-1600-HP	99397679	99397702	422		
GNLA-2000-HP	99397680	99397703	528		
GNLA-2500-HP	99397681	99397704	660		
GNLA-3000L-HP	99397682	99397705	792		
GNLA-3000S-HP	99397683	99397706	792		
GNLA-4000-HP	99397684	99397707	1056		
GNLA-5000-HP	99397685	99397708	1320		
GNLA-7500-HP	99397686	99397709	1980		
GNLA-10000-HP	99397687	99397710	2640		
GNLA-15000-HP	99397688	99397711	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.



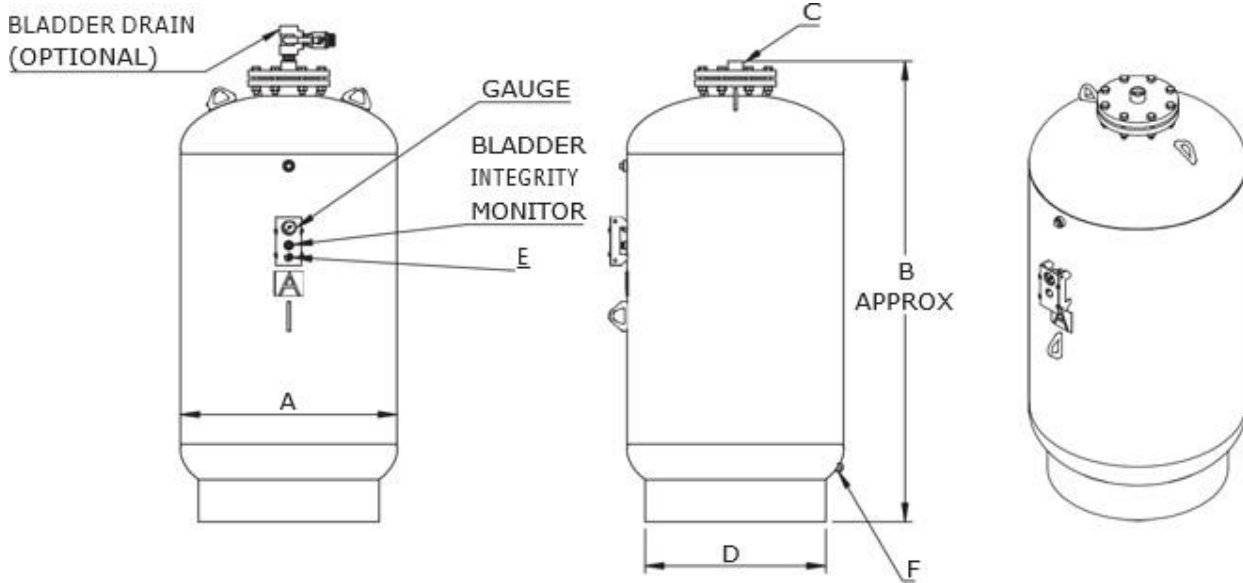
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Dimensions and Weights:

Model Number	Dimensions in Inches					Approx. Shipping Weight (lbs)				
	A	B	System Connection		Charging Valve	F	200 PSIG	250PSIG		
			C	D	E					
GNLA-1000-HP	36	76	1 1/2 NPT	30	0.302"-32NC	3/4 NPT	698	830		
GNLA-1200-HP		88					905	1118		
GNLA-1400-HP		100					1107	1330		
GNLA-1600-HP	48	74		42			1413	1713		
GNLA-2000-HP		86					1643	2026		
GNLA-2500-HP		104					1935	2352		
GNLA-3000L-HP	60	124	2 NPT	54		2198	2782			
GNLA-3000S-HP		83				2694	2965			
GNLA-4000-HP		105				3291	3736			
GNLA-5000-HP		128	3858			4485				
GNLA-7500-HP		75	131			3 NPT	66	1 NPT	5491	6583
GNLA-10000-HP			162						6796	8068
GNLA-15000-HP	233		9814	12030						

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.