



Submittal

# GNLA-SERIES

## HVAC EXPANSION TANKS

**Models:** GNLA-35-HP to GNLA-800L-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 (250 PSIG)	Tank Volume (Gallons)	Tagging Information	Quantity
GNLA-35-HP	99397666	99397689	10		
GNLA-50-HP	99397667	99397690	13		
GNLA-85-HP	99397668	99397691	23		
GNLA-130-HP	99397669	99397692	35		
GNLA-200-HP	99397670	99397693	53		
GNLA-300-HP	99397671	99397694	79		
GNLA-400-HP	99397672	99397695	106		
GNLA-500-HP	99397673	99397696	132		
GNLA-600-HP	99397674	99397697	158		
GNLA-800L-HP	99397675	99397698	211		

### 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.

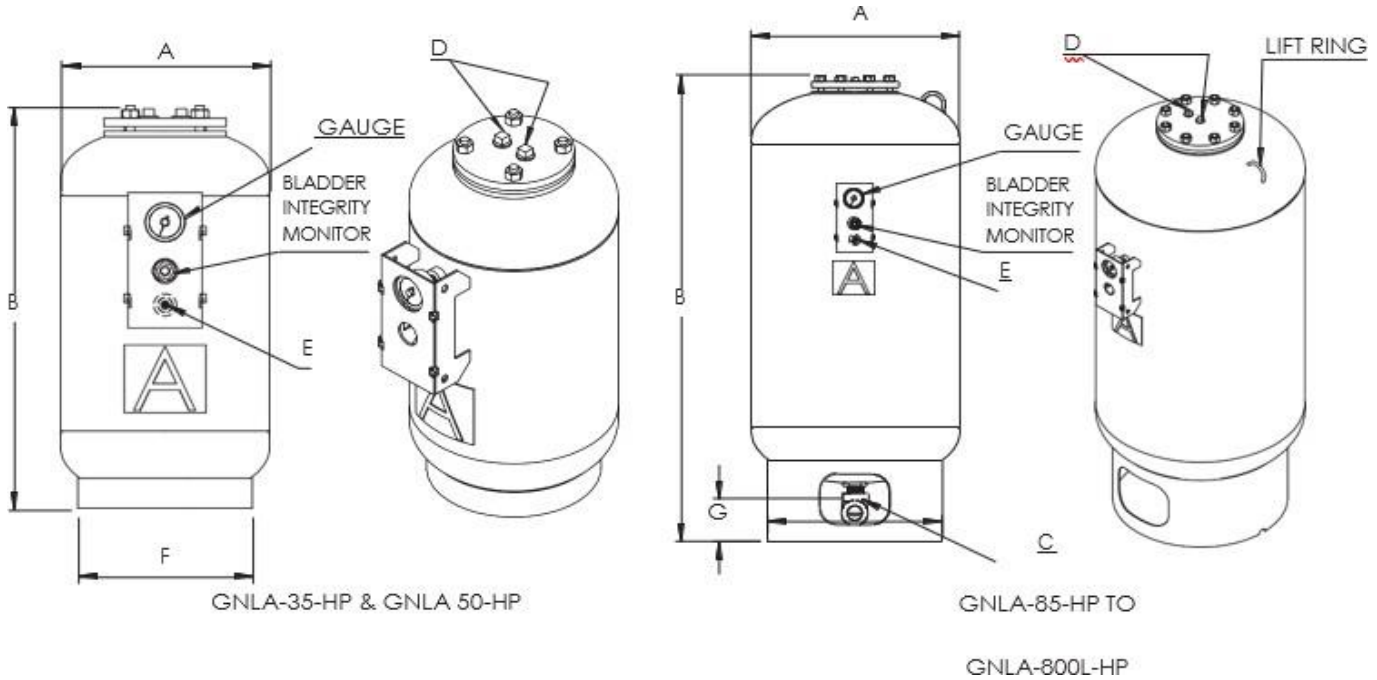
Each tank shall be model number GNLA- \_\_\_\_\_ or approved equal.

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### Dimensions and Weights:

Model Number	Dimensions in Inches						Approx. Shipping Weight (lbs)		
	A	B	System Connection		Charging Valve	F	G		
			C	D	E			200PSIG	250PSIG
GNLA-35-HP	12	23 1/2	-	3/4 NPT	0.302"-32NC	10	-	52	53
GNLA-50-HP	14	24						59	65
GNLA-85-HP	16	37	1 NPT			12	5	95	105
GNLA-130-HP	20					16	1/2	127	141
GNLA-200-HP	24	43	1 1/2 NPT			20	5	194	220
GNLA-300-HP		55						252	282
GNLA-400-HP	30	49	2 NPT			24	1/4	336	410
GNLA-500-HP		57						400	512
GNLA-600-HP		65		419	569				
GNLA-800L-HP	32	76		28		592	711		

### 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.