



Submittal

GNLA-SERIES

HVAC EXPANSION TANKS

Models: GNLA-35 to GNLA-800L

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-35	99397643	10		
GNLA-50	99397644	13		
GNLA-85	99397645	23		
GNLA-130	99397646	35		
GNLA-200	99397647	53		
GNLA-300	99397648	79		
GNLA-400	99397649	106		
GNLA-500	99397650	132		
GNLA-600	99397651	158		
GNLA-800L	99397652	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.



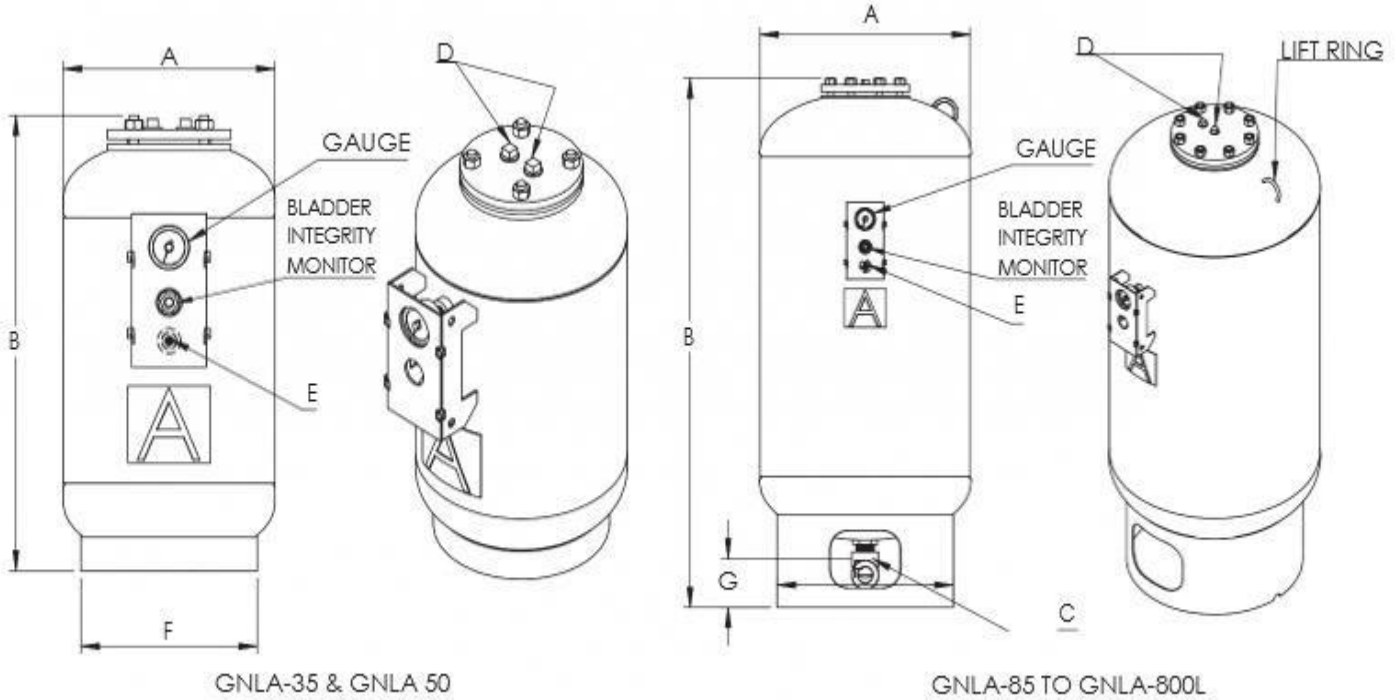
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Dimensions and Weights:

Model Number	Dimensions in Inches						Approx. Shipping Weight (lbs)	
	A	B	System Connection		Charging Valve	F		G
			C	D	E			
GNLA-35	12	23 1/2	-			10	-	40
GNLA-50	14	24				50		
GNLA-85	16	37	1 NPT	3/4 NPT	0.302"-32NC	12	5 1/2	90
GNLA-130	20					16		125
GNLA-200	24	43	1 1/2 NPT	3/4 NPT	0.302"-32NC	20	5 1/4	210
GNLA-300		55						225
GNLA-400	30	49	2 NPT	3/4 NPT	0.302"-32NC	24	5 1/4	300
GNLA-500		57						335
GNLA-600		65						360
GNLA-800L	32	76				28		475

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.