

HLNG VEHICLE TANKS

LNG VEHICLE TANK SYSTEMS



LNG Vehicle Tank Systems

Chart is the world's leading producer of cryogenic cylinder tanks. The ISO 9000 certified facility in Canton, GA, USA has produced over 1,000,000 stainless steel cylinders. That experience results in a high quality, safe, reliable LNG vehicle tank that will absorb the on-the-road abuse of heavy-duty vehicles.

PRODUCT HIGHLIGHTS

- Uses less space than CNG tanks
- 100% Stainless Steel tank construction
- Longest hold times in the industry
- Vacuum/super-insulation
- Automatic pressure control
- Single hose fill design
- Patented overfill protection
- Manual fuel supply and vent valves
- Excess flow valve
- Primary and secondary relief valves
- Electronic fuel gauge
- Engine coolant LNG vaporizer
- Custom solutions on single and multiple tank systems for almost any application
- Designed, constructed and tested in accordance with ATA and NFPA standards
- TPED 99/36/EC design



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SPECIFICATIONS (EXAMPLES OF VARIOUS SIZES)								
MODEL	HLNG-52		HLNG-72		HLNG-119		HLNG-150	
Dimensions	in	mm	in	mm	in	mm	in	mm
Diameter	20	508	24	610	26	660	26	660
Length	57	1805	57	1450	76	1930	90	2285
Capacity	gal	ltr	gal	ltr	gal	ltr	gal	ltr
Net	46	177	65	245	108	410	135	511
Gross	52	196	73	275	120	450	150	468
Weight	lbs	kg	lbs	kg	lbs	kg	lbs	kg
Empty	245	110	320	145	505	230	615	280
Full*	405	185	550	250	885	400	1065	483

* Full weight calculations are based on 3.5 lb/gal (.42 kg/ltr) density LNG.

SPECIFICATIONS

- Inner & Outer Vessels - 304 Stainless Steel
- Plumbing Components - Stainless Steel & Brass
- Maximum Allowable Working Pressure (MAWP) - 230 psi
- Operating Pressure Range - 50-150 psi (Factory Set at 70 psi)
- Designed, constructed and tested to rigid industry standards including DOT, ASME or other codes

Chart designers will customize an on-board fuel system to meet your fleet vehicle needs.



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