Chart’s horizontal LNG storage vessels offer a range of sizes for storage applications requiring Maximum Allowable Working Pressures of 50 psig (3.45 barg) or more. Our proprietary composite insulation system gives a competitive edge with high thermal performance, extended hold times, low life-cycle costs and lightweight construction to reduce operational and installation costs. Chart leads the industry in cryogenic vessels designed for performance, durability and low maintenance.

**PRODUCT ADVANTAGES**

- When compared to site-erected storage vessels, these shop-fabricated vessels offer:
  - Manufacturing in a controlled environment
  - Quicker turnaround time for production and deliveries to job site
  - More accurate and comprehensive testing abilities
- Vacuum insulation technology achieves a higher level of thermal performance
- World class engineering coupled with Chart’s long history of advanced technology and real-world expertise help make reliable, efficient and smart storage solutions a reality

**OPTIONAL EQUIPMENT**

- LNG Offload System
- Vacuum Insulated Piping
- LNG Transport Trailers and Regasification Systems
- Start-up & Commissioning Support and Training Services

NFPA 59A Compliant
## SPECIFICATIONS

<table>
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<tr>
<th>Model</th>
<th>Water Capacity</th>
<th>Net Capacity</th>
<th>MAWP*</th>
<th>Length</th>
<th>Diameter</th>
<th>Weight** (Empty)</th>
<th>NER%/day</th>
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<td>Gal</td>
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<td>Gal</td>
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</table>

*MAWP = Maximum Allowable Working Pressure. **Weights are for ASME design. NER = Nominal Evaporation Rate

** Design and Manufacturing by Chart Ferox.

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**SPECIFICATION DETAILS**

- Outer Jacket Material: A36 per CGA341, Optional: SA-516 GR 70N
- Inner Vessel Material: SA-240 T304/L
- Seismic design per ACSE 7-05 w/ Supplement No. 2, IBC 2006/2009, CBC 2007/2010
- Evacuated multi-layer Super Insulation
- Piping per ASME B31.3
- Inner Vessel Design Temperature: -320°F to +120°F
- Outer Jacket Design Temperature: -20°F to +300°F
- ASME Section VIII, Division 1 Pressure Vessel (Type C) current edition
- NBIC (National Board Inspection Code) Registered Inner Vessel
- Painted with 2-coat (Epoxy, Polyurethane) Hentzen Coating System