The new BulkLite® 1400 Horizontal Storage Unit is designed for economical turnkey installations. The tank can be installed on a precast concrete foundation, asphalt pad or class 5 gravel bed, if code permits. The integrated forklift channels provide for easy mobility without a crane, further reducing the installation costs. The low profile and low cost installation is ideal for accounts that specify a height restriction and/or pad restriction due to property constraints. The BulkLite unit is also a good solution for temporary installations. The plumbing is conveniently located on one end of the vessel for easy access in tight locations and it can be filled from a standard transport or an Orca delivery system. Note, not designed to be moved with cryogenic product.

**Product Highlights**

- Compact, horizontal low profile: 69” H x 72” W x 187” L
- Integrated large forklift channels provide for easy mobility and secure mounting for an economical installation
- Forklift channels are 44" center to center (34-3/4” min x 53-1/4” max) and provide a stable and secure mounting base without the need for a concrete pad
- NFPA* requires a “firm concrete or masonry foundation”
- On-board high-efficiency gas use vaporizer provides up to 2000 SCFH
- Integrated high-efficiency pressure builder supports gas use flows up to 8000 SCFH
- Integrated flat fin pressure builder with PCV-1 (combo regulator) with single pressure adjusting screw for easy changes to the pressure builder and economizer settings
- Durable, ergonomic plumbing with isolation valves for long service life, easy operation and field maintenance
- Low NER is ideal for low usage accounts with longer delivery cycles for low distribution costs
- Liquid withdrawal package option available: 1” vacuum-insulated female bayonet, vent connected back pressure regulator and low-range PCV-1 spring for low liquid loss and accurate tank pressure control

*National Fire Protection Agency
**BULKLITE® 1400**

COMPACT HORIZONTAL BULK STORAGE UNIT

<table>
<thead>
<tr>
<th>Model</th>
<th>Gross Capacity</th>
<th>Nominal Capacity</th>
<th>MAWP*</th>
<th>Flow Rate**</th>
<th>Width</th>
<th>Height</th>
<th>Length</th>
<th>Weight***</th>
<th>NER %/day</th>
</tr>
</thead>
<tbody>
<tr>
<td>1400</td>
<td>1380</td>
<td>1330</td>
<td>250</td>
<td>2000</td>
<td>72</td>
<td>1829</td>
<td>189</td>
<td>4800</td>
<td>.28</td>
</tr>
</tbody>
</table>

* MAWP - Maximum Allowable Working Pressure, Section VIII Div. 1 ASME code. ** Eight hours continuous flow @ 80% duty cycle in room temp. w/ LN₂. *** Weights are for ASME design. (NER) = Nominal Evaporation Rate

![Diagram of Customer Station Flow Diagram](image)