

BULKITE® 1400

COMPACT HORIZONTAL BULK STORAGE UNIT



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 48" center to center (38-3/4" min x 57-1/4" 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



Innovation. Experience. Performance.™

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Model	Gross Capacity		Nominal Capacity		MAWP*		Flow Rate**		Width in mm	Height in mm	Length in mm	Weight***		NER %/day				
	Gal	Liters	Gal	Liters	psig	bar	SCFH	m³/hr				lbs	Kg	O ₂	Ar	N ₂		
1400	1400	5300	1320	4996	250	17.2	2000	56.6	72	1829	69	1753	187	4750	4800	2177	.28	.45

* 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

