



PORTAFLEX™ 1500 Portable Microbulk System

Flexible portability for quick response



Portable, High Performance
PORTAFLEX™ 1500 ZX VHP
Microbulk Storage System

Designed and built for high pressure and high flow applications, Linde’s PORTAFLEX™ 1500 ZX VHP microbulk storage system provides flexible portability to quickly respond to demanding industrial gas applications. Easily transported, the PORTAFLEX 1500 ZX VHP system is rated at flow rates up to 3000 scfh while sustaining 420-450 psig.

Accurate Pressure Control

Equipped with top and bottom fill, the PORTAFLEX 1500 ZX VHP microbulk storage system delivers accurate pressure control during delivery and features an internal ullage tank concept that allows for a ventless, single-hose fill auto shutoff when filled with the Orca microbulk delivery system.

Safe Portability

The PORTAFLEX 1500 ZX VHP system features a dedicated metal pallet with durable exterior coating for maximum corrosion resistance. To ensure safe portability, the pallet features forklift slots to protect both plumbing and tank during transportation and application use.

Features	Benefits
Quick response	Portable design makes it easy to deploy and place to meet unexpected or changing application needs
High performance	High-flow external aluminum vaporizer and pressure builder system provides up to 3000 scfh at 420 to 450 psig Dual relief valves and rupture discs with a diverter valve
Small footprint	Vessel and vaporizers are secured to a dedicated metal pallet frame for a smaller footprint
Portable flexibility	Easily transportable with a forklift Metal pallet incorporates forklift slots to protect plumbing and tank during transportation and application use

Microbulk Efficiency and Productivity

As part of the microbulk gas delivery system, the PORTAFLEX™ 1500 ZX VHP microbulk storage system is an on-site, cost-effective solution that ensures an uninterrupted gas supply to increase productivity. And the included telemetry system monitors supply levels and automatically generates orders for on-time deliveries. As a result, product outages are reduced and less time is spent managing inventory and placing orders.

Specifications

Capacity	PORTAFLEX™ 1500 ZX VHP
Liquid (gross) liters	1,550
Liquid (net) liters	1,455
Gas (LIN) ft ³	35,790
Gas (LOX) ft ³	44,220
Gas (LAR) ft ³	43,220
Performance	
NER (LIN) % per day	1.0
Gas flow (LIN/LOX/LAR)* SCFH	3,000
dimensions & pressure ratings	
diameter (cylinder) inches	48
height (cylinder) inches	91
base width (frame) inches	61.5
base depth (frame) inches	61.5
base height (frame) inches	93
tare weight (system) lbs	3,500
Relief valve setting psig	500

* At 450 psig sustained pressure.

** Higher flows can be achieved with reduced duty cycles and/or additional vaporization.

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