



VITA
International Inc.

Mobile Nitrogen Converter

Model VDF740K-10 SCFH

Operational Features

- ◇ Low & high flow abilities, 400 to 12,300 scfm
- ◇ Redundant vaporizer controls, automated and manual control capabilities
- ◇ Vaporizer equipped with dual ignition system to ensure quick and sure vaporizer ignition
- ◇ Several operational safety features including adjustable over-pressure & discharge temperature shutdown
- ◇ Remote monitoring and control capabilities of Gn2 discharge pressure at "customer remote valve"
- ◇ Ultra hot Gn2 discharge up to 500 °F at ~2500 scfm
- ◇ Ultra Cold Gn2 discharge for cool-down industrial applications
- ◇ Best in class on fuel consumption, approx. 25% less than other vaporizers in the same class
- ◇ Vaporizer emissions are classified as "best available control technology" by California Air Quality Board
- ◇ Data acquisition system, recording pressure & rate performance
- ◇ Capable of communicating pressure & rate to a remote station
- ◇ Equipped with winter heating package for cold environment operations
- ◇ OSHA approved engine service platform



Self-contained liquid nitrogen pumping and vaporization system equipped with (17) Million BTU/h fired vaporizer, capable of flow rates up to 740,000 SCFH and working pressures up to 10,000 psi. The unit is designed efficiently to perform well servicing, industrial and pipeline applications. The trailer-mounted system conforms to US DOT regulations in terms of weight distribution, roading dimensions, and cryogenic tank construction.



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