

LCNG Mobile Fueling Solution

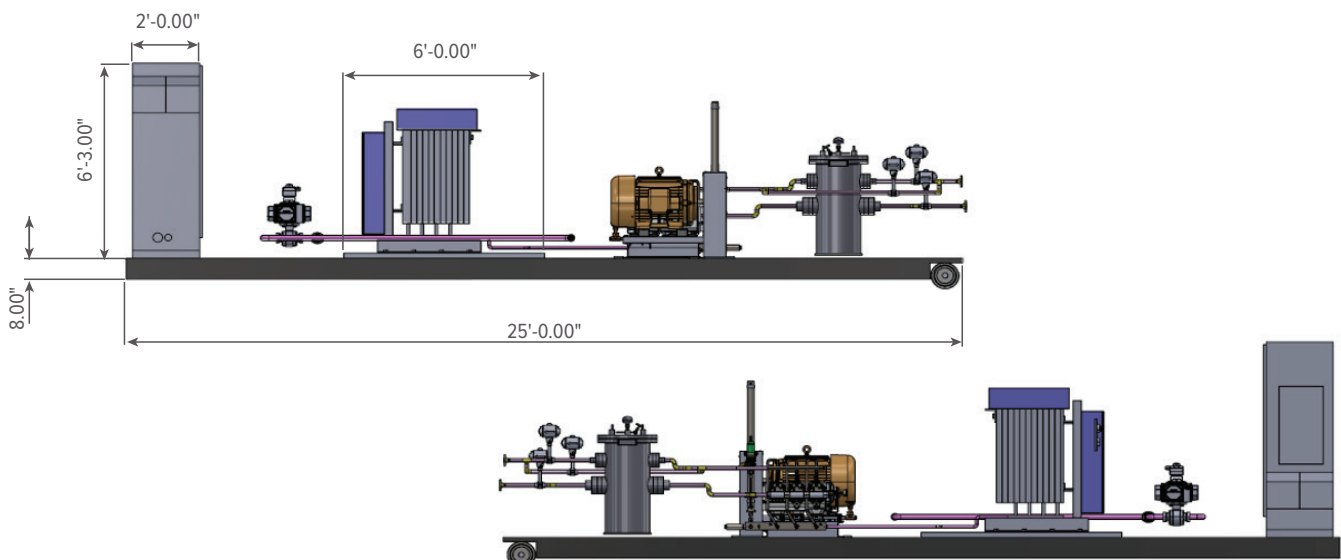
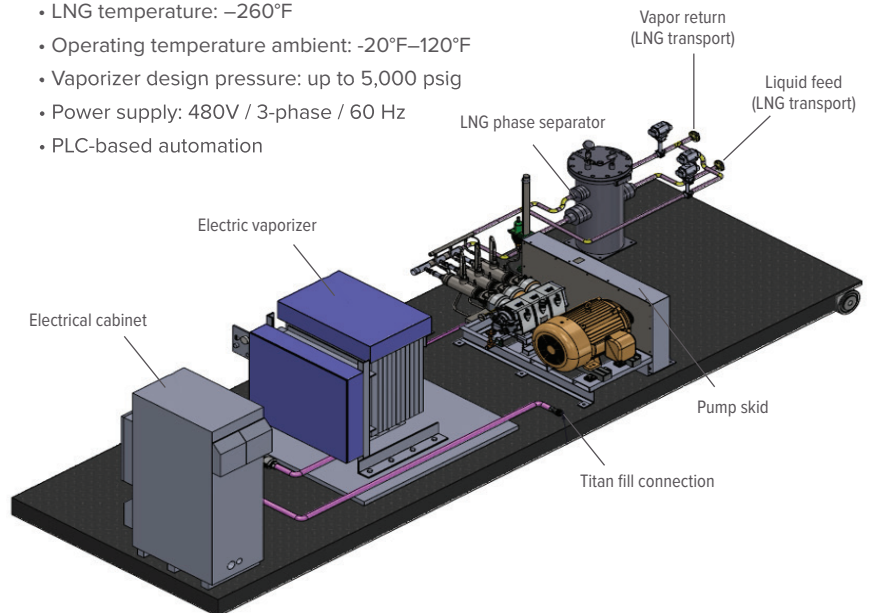
Clean Energy's mobile LCNG solution enables fleet operators and energy providers to deploy scalable, high-performance natural gas fueling anywhere, without the cost or delay of permanent infrastructure. By integrating advanced cryogenic handling, predictive maintenance, precise vaporization, and closed-loop vapor recovery, the system maximizes fuel efficiency, enhances safety, and ensures full regulatory compliance. The result is a flexible, environmentally responsible fueling platform that reduces emissions, lowers operating costs, and supports rapid growth in clean transportation.

Key features:

- Quick-connect/disconnect capability
- Optimized for liquid-to-gas conversion with minimal losses
- Phase separation and vapor return enhancing performance
- Automated control of pumps, vaporizers, and valves
- ESD systems
- Advanced control and monitoring
- Predictive maintenance
- Designed for steady CNG output for vehicle fueling for Titan/tube trailers
- For vehicle fueling, additional equipment will be required
- Skid mounted or modular design
- Supports high-demand fleet fueling
- Compliance to industry standards
 - ASME
 - API
 - NFPA
 - DOT
 - Or local regulatory codes

Specifications:

- LNG flow rate: 15 or 22 LNG gallons/min (22 GPM variant shown)
- CNG output capacity: 1,100 or 1,600+ SCFM
- Discharge pressure (CNG): 3,000–3,600 psig
- LNG temperature: -260°F
- Operating temperature ambient: -20°F – 120°F
- Vaporizer design pressure: up to 5,000 psig
- Power supply: 480V / 3-phase / 60 Hz
- PLC-based automation



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