

GL-70 Series

CNG Fueling Station

The GreenLine GL-70 Series is a fully integrated CNG fueling system that delivers industry leading features, reliability and safety. The GL-70 provides up to a 70 GGE/hr. CNG fill rate, making it the perfect fit for medium fleets looking to dispense approximately 840 GGE per day. Based on the reliable and time proven LMF multi-stage compressor, the GL-70 is designed with a 100% duty cycle for rugged reliability.

Standard Features

Weatherproof Acoustic Enclosure

- Graphical status display
- Remote monitoring capability
- Wide service access doors
- Partitioned control room with EXP barrier
- Low/high pressure gas filtration
- High capacity gas intercooler
- Blow-down recovery/inlet buffer tank
- Induction and exhaust vents
- Internal explosion proof lighting

Programmable Logic Controlled (PLC) **Unattended Operation**

- Automatic start/stop with purge delay
- Temperature compensated fill
- Priority bank control
- Condensate auto drain system
- Suction shutdown valve
- Crankcase heater

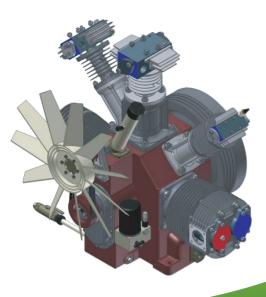
Safety Features (PLC Controlled alarms)

- Enclosure gas detection
- Discharge gas pressure/temperature
- Compressor temperature
- Stage over pressure
- Low/high inlet pressure
- Low oil level
- Cycle lockout
- **Optional Features**
- Fast-fill cascade storage
- Low pressure dryer
- Multiple fill posts/dispensers
- Skid mount duplex configuration

Technical S	pecifications
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Control Panel: Charge Rate: Gas Usage: Max Discharge Pressure: Power: Min/Max Inlet Pressure: Compressor RPM: Dimensions: Dry Weight: Noise: Number of Stages: Lubricant: Filtration: Automatice Condensate Drain Valve: Gas cooler: Interstage coolers and after coolers: **Final Pressure Switch:** Final Stage Discharge Transducer: Final Stage Head Temperature Sensor: Oil Temperature Sensor: **Block Heater:** Pressure Relief Device (PRD):

HMI Touchscreen PLC controlled 150 CFM / 71 GGE/hr. (@ 25 psig inlet) 9,000 CFH 5,800 psig 70 kW, 120 hp, 440V 3-phase 10/30 psig 1,450 RPM W 8' x H 20' x D 10' 10,615 Pounds 70 dB @ 1 meter distance (5) Stage reciprocating Synthetic oil (2) HP coalescing, 1 LP finite (1) One Industrial cooler block (4) Four (1) One (1) One (1) One (1) One (1) One (2) Two



Daily Capacity in Equivalent Gallons Based on Operating Hours							
	4 hrs	6hrs	8 hrs	10hrs	12hrs		
GGE (Gas Gallon Equivalent)	285.7	428.6	571.4	714.3	857.1		
DGE (Diesel Gallon Equivalent)	266.7	400	533.3	666.7	800		

Standards Compliance

UL & CSA | NEC Zones Class 1, Div 2, Group D | NFPA 52 (See the GL-Series Code Compliance Sheet for info) | ATEX 95