

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 Specifications

Control Panel:	HMI Touchscreen PLC controlled
Charge Rate:	150 CFM / 71 GGE/hr. (@ 25 psig inlet)
Gas Usage:	9,000 CFH
Max Discharge Pressure:	5,800 psig
Power:	70 kW, 120 hp, 440V 3-phase
Min/Max Inlet Pressure:	10/30 psig
Compressor RPM:	1,450 RPM
Dimensions:	W 8' x H 20' x D 10'
Dry Weight:	10,615 Pounds
Noise:	70 dB @ 1 meter distance
Number of Stages:	(5) Stage reciprocating
Lubricant:	Synthetic oil
Filtration:	(2) HP coalescing, 1 LP finite
Automatic Condensate Drain Valve:	(1) One
Gas cooler:	Industrial cooler block
Interstage coolers and after coolers:	(4) Four
Final Pressure Switch:	(1) One
Final Stage Discharge Transducer:	(1) One
Final Stage Head Temperature Sensor:	(1) One
Oil Temperature Sensor:	(1) One
Block Heater:	(1) One
Pressure Relief Device (PRD):	(2) Two

## Daily Capacity in Equivalent Gallons Based on Operating Hours

	4 hrs	6hrs	8 hrs	10hrs	12hrs
<b>GGE (Gas Gallon Equivalent)</b>	285.7	428.6	571.4	714.3	857.1
<b>DGE (Diesel Gallon Equivalent)</b>	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

