

GL-24 Series CNG Fueling System



The GreenLine GL-24 Series is a fully integrated CNG fueling system that delivers industry leading features, reliability and code compliance. The GL-24 provides an 11.4 GGE/hr. CNG fill rate, making it the perfect fit for small to medium fleets looking to dispense up 150 GGE per day. Based on the reliable and time proven Coltri multi-stage compressor, the GL-24 features a low maintenance design and a 40,000 hour operational life.



Shown with optional wrap

Standard Features

Weatherproof Acoustic Enclosure with HMI Touchscreen User Interface

- Graphical status display
- Remote monitoring capability

Programmable Logic Controlled (PLC) Automatic Operation

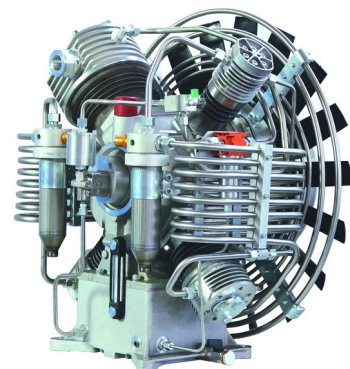
- Automatic start/stop
- Temperature compensated fill
- Condensate auto drain system
- Vapor recovery
- Crankcase heater

Safety Features (PLC monitored)

- Discharge gas pressure/temperature
- Compressor temperature
- 1st, 2nd, 3rd Stage over pressure
- Low/high inlet pressure
- Low oil level
- Cycle lockout

Optional Features

- Fast-fill buffer storage
- Low pressure dryer
- Multiple fill posts
- Metered dispensing
- Skid mount duplex configuration



GL-24 multi-stage compressor

GL-24 Series Specifications



Technical Specifications	
Control Panel:	HMI Touchscreen PLC controlled
Charge Rate:	24 CFM / 11.4 GGE/hr.
Gas Usage:	1,440 CFH / 1,478,880 BTU/hr.
Max Discharge Pressure:	5,000 psig
Power:	9 KW, 12.5 hp, 230V 3-phase
Min/Max Inlet Pressure:	2/7 psig
Compressor RPM:	1,550 RPM
Dimensions:	H 70" x W 32" x D 52"
Dry Weight:	925 Pounds
Noise:	70 dB @ 1 meter distance
Number of Stages	(4) Stage reciprocating
Lubricant:	(5) Quarts, Tri Ester 800 synthetic oil
Filtration:	(2) Molecular sieve, (2) coalescing, (1) inlet
Automatic Condensate Drain Valves:	(1) One
Interstage coolers and after coolers:	Stainless steel coolers
Interstage Safety Pressure Switch:	(3) Three
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 Hours		6 Hours		8 Hours		10 Hours		12 Hours	
GGE	DGE	GGE	DGE	GGE	DGE	GGE	DGE	GGE	DGE
45.6	41.6	68.4	62.4	91.2	83.2	114	104	136.8	124.8

Standards Compliance
UL and CSA
NEC Zones Class 1, Division 2, Group D
NFPA 52 (See the GL-Series Code Compliance Sheet for detailed information)
ATEX 95