

# GL-5 Series

## CNG Fueling System



The GreenLine GL-5 Series is a fully integrated CNG fueling system that delivers industry leading features, reliability and safety. The GL-5 provides a 2 GGE/hr. CNG fill rate, making it the perfect fit for multi vehicle home fueling environments that are looking to dispense up to 25 GGE per day. Based on the reliable and time proven Coltri multi-stage compressor, the GL-5 features a low maintenance design and a 40,000 hour operational life.

### Standard Features

#### Weatherproof Acoustic Enclosure

#### Programmable Logic Controlled (PLC) Automatic Operation

- Automatic start/stop
- Temperature compensated fill
- Crankcase heater

#### Safety Features (PLC Controlled alarms)

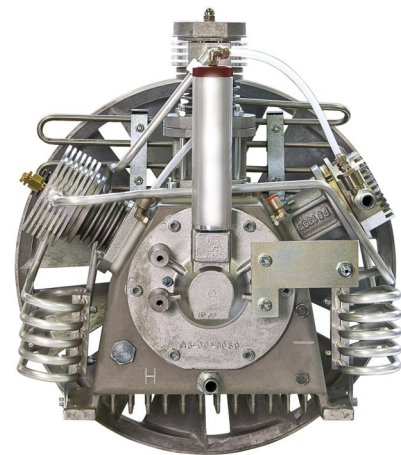
- Discharge gas pressure/temperature
- Compressor temperature
- 1st, 2nd, 3rd Stage over pressure
- Low/high inlet pressure
- Low oil level
- Cycle lockout



Shown with optional wrap

### Optional Features

- Low pressure dryer
- Multiple fill posts



GL-5 compact multi-stage compressor

# GL-5 Series Specifications



Technical Specifications	
<b>Control</b>	Automatic PLC controlled
<b>Charge Rate:</b>	4 CFM - 2 GGE/hr.
<b>Gas Usage:</b>	240 CFH / 246,480 BTU/hr.
<b>Max Discharge Pressure:</b>	4,200 psig
<b>Power:</b>	3 kW, 3 hp, 230V 1-phase XP electric motor
<b>Min/Max Inlet Pressure:</b>	1/5 psig
<b>Compressor RPM:</b>	1,240 RPM
<b>Dimensions:</b>	H 41.3" x W 27.5" x D 26.3"
<b>Dry Weight:</b>	352 Pounds
<b>Noise:</b>	65 dB @ 1 meter distance
<b>Number of Stages</b>	(3) Stage reciprocating
<b>Lubricant:</b>	(2) Quarts, Tri Ester 800 synthetic oil
<b>Filtration:</b>	(2) Molecular sieve, (1) coalescing, (1) inlet
<b>Condensate Drain Valves:</b>	(1) One
<b>Interstage coolers and after coolers:</b>	Stainless steel coolers
<b>Final Pressure Switch:</b>	(1) One
<b>Final Stage Discharge Pressure Transducer:</b>	(1) One
<b>Final Stage Head Temperature Sensor:</b>	(1) One
<b>Oil Temperature Sensor:</b>	(1) One
<b>Block Heater:</b>	(1) One
<b>Pressure Relief Device (PRD):</b>	(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
8	7	12	11	16	14	20	18	24	21

Standards Compliance
UL and CSA
NEC Zones Class 1, Division 2, Group D
NFPA 52
ATEX 95