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In addition to GE Power & Water's Distributed Power service locations, our global service network is set up with more than 100 authorized sales and service providers worldwide. Find your local support online: [www.ge-distributedpower.com](http://www.ge-distributedpower.com)

Further information about GE Power & Water’s Distributed Power solutions:

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  - Houston, TX 77027, USA
  - T +1 713 803 0900
- **Jenbach, Austria**
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  - 6200 Jenbach, Austria
  - T +43 5244 600 0
- **Lima, Peru**
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  - San Isidro Lima 27 Peru
  - T +51 1 514 4331
- **Shanghai, China**
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  - Zhang Jiang Hi-Tech Park
  - Shanghai 201203, China
  - T +86 21 3877 7888
- **Moscow, Russia**
  - 278/3 Moscowskaya ul.
  - Moscow 107023, Russian Federation
  - T +7 495 981 1313
- **Nairobi, Kenya**
  - The Courtyard,
  - General Mathenge Drive Westlands
  - Nairobi, Kenya
  - T +25 42 0421 5133
- **Riyadh, Saudi Arabia**
  - 5th Floor Tatweer Towers Building No. 1744
  - Al-Faisaliah District
  - Riyadh, 11433, Saudi Arabia
  - T +966 11 207 3838
- **Shanghai, China**
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No matter how you assess performance, the 275GL+ challenges convention

GE’s Waukesha 275GL+ represents the most advanced generation of high-horsepower engines in the gas compression segment. A unique combination of robust construction and innovative technology, the 275GL+ lean-burn engine delivers excellence in fuel flexibility, efficiency, power output and emissions for unmatched performance. For maximum uptime and profitability, you can depend on the 275GL+ to get the job done year after year.

We’re raising expectations for low emissions
When it comes to controlling emissions, the 275GL+ leads the way. It meets the EPA’s 2010 Spark Ignited New Source Performance Standard (SNPS) for NOx, CO and VOC without aftertreatment. The 275GL+ is capable of achieving the lowest level of emissions available:
- 0.5 g/bhp-hr NOx
- 1.7 g/bhp-hr CO
- 0.7 g/bhp-hr NMHC

In addition, the 275GL+ has lower greenhouse gas emissions and a smaller carbon footprint than competitive engines. Greenhouse gases (CO₂) are about more than greenhouse gas emissions and its fuel efficiency advantage is twice the level of emissions available: the 275GL+ is an engine without trade-offs.

Variable fuels, one constant — the 275GL+ has you covered
Because field gases vary greatly and can change over time, the 275GL+ was built to maintain full power on a wide range of fuels, without the added cost of a fuel treatment skid. The 275GL+ can run on fuel with up to 1000 ppm H₂S without treatment and operates on a wide range of fuels from 600 Btu/ft³ to 2300 Btu/ft³. This engine is built to give you the kind of flexibility you’ll need for more options and better profits.

The easy choice for harsh environments
Gas compression sites are found in some of the most hostile environments. The 275GL+ was built to work effectively even in challenging locations, delivering full power up to 4000 feet—twice the capability of competitive engines—making it an ideal choice for high-altitude applications.

<table>
<thead>
<tr>
<th>275GL+ Performance</th>
<th>12V 275GL+</th>
<th>16V 275GL+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (bhp)</td>
<td>3625</td>
<td>4835</td>
</tr>
<tr>
<td>BSFC (BTU/bhp-hr; +5% LHV)</td>
<td>6539</td>
<td>6499</td>
</tr>
<tr>
<td>Altitude w/o Derate, 100°F</td>
<td>4000</td>
<td>3000</td>
</tr>
<tr>
<td>Fuel Derate Begins at:</td>
<td>70 (kW)</td>
<td>70 (kW)</td>
</tr>
<tr>
<td>Allowable Fuel Range—Top</td>
<td>910 Btu/ft³</td>
<td>1210 Btu/ft³</td>
</tr>
<tr>
<td>Allowable Fuel Range—Bottom</td>
<td>620 Btu/ft³</td>
<td>620 Btu/ft³</td>
</tr>
<tr>
<td>NMHC (g/bhp-hr)</td>
<td>0.7</td>
<td>0.7</td>
</tr>
<tr>
<td>NOx (g/bhp-hr)</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td>CO (g/bhp-hr)</td>
<td>1.7</td>
<td>1.6</td>
</tr>
<tr>
<td>CO₂ (g/bhp-hr)</td>
<td>507</td>
<td>498</td>
</tr>
</tbody>
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Leading performance in:
- Fuel Flexibility
- Efficiency
- Power Output
- Emissions

Ecomagination is GE’s commitment to building innovative solutions for today’s environmental challenges while driving economic growth. The Waukesha 275GL+ meets this commitment by offering industry-leading emissions levels and efficiency without sacrificing power or application flexibility. With a smaller carbon footprint, lower fuel costs and more gas compressed, the 275GL+ is an engine without trade-offs.

No compromise — the 275GL+ excels in all evaluation criteria. There’s no comparing between power and emissions, or between fuel efficiency and fuel flexibility. With the 275GL+, there are no trade-offs.
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<td>0.7</td>
</tr>
<tr>
<td>CO (g/bhp-hr)</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td>CO₂ (g/bhp-hr)</td>
<td>2.7</td>
<td>2.7</td>
</tr>
<tr>
<td>WKI</td>
<td>74</td>
<td>71</td>
</tr>
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A product of Ecomagination

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Leading performance in:
- Fuel flexibility
- Efficiency
- Power output
- Emissions

The 275GL+ represents the most advanced generation of high-horsepower lean-burn engines, leading the industry across a broad spectrum of evaluation criteria.

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**275GL+**

**control**

Proven ESM control system

Factory-mounted, calibrated and tested on all 275GL+ engines, the Engine System Manager (ESM) dramatically reduces on-site setup time and requirements. With a single, closed-loop control system integrating all engine functionality, starting and loading the engine takes only a few minutes. Once running, an HMI panel provides an easy-to-read display of engine operating parameters. Unlimited, free downloads ensure you always have the most current software to control the engine.

**power**

The power you need when it counts the most

It’s the most-recognized equation in gas compression: **Power = Throughput = Profits**

The 275GL+ delivers superior power output and efficiency that directly impacts the bottom line. The 16-cylinder model is rated 4835 bhp (3605 kWb), with the 12-cylinder version rated 3625 bhp (2720 kWb). These higher power ratings maximize throughput and profits, while lower fuel consumption provides a cost savings over other engines. Whatever your requirements, the 275GL+ ensures you have the reliable power you need to maximize profits.

**ease of use**

Simplified packaging and service

The 275GL+ is easy to package. By minimizing the number of connections required, valuable time and money are saved on the shop floor. Factory-mounted lube oil system and cooling system thermostats are included on the engine. In addition, the pre-lube pump is fully integrated and engine-mounted. Quick disconnects on the ignition coils and thermocouples mean easy removal and servicing. Placing the turbochargers at the front end of the engine reduces piping requirements, and eliminates interference during cylinder-head maintenance.
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Purchasing an engine is only the beginning of a relationship. We’re in it for the long haul, supporting you with ongoing service, quality parts and our distribution network to ensure your engine delivers everything you need and more.
GE Power & Water
Distributed Power

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GE imagination at work