



BelGAS[™]
A DIVISION OF MARSH BELLOFRAM

BelGAS Generator Solutions Guide

BelGAS Generator Regulators

At BelGAS, we provide a wide array of regulator options for both gas and propane generators. Our selection ranges from residential standby units to commercial backup systems for critical facilities like hospitals and schools. Our regulators are designed to fit within any application, ensuring everything runs smoothly and efficiently.

Why Choose Natural Gas or Propane Generators?

Natural Gas Generators provide a seamless, eco-friendly, and cost-effective alternative to traditional gasoline or diesel generators. They deliver a continuous fuel supply, and in areas where natural gas isn't available, propane makes a reliable substitute in most generators.

With a BelGAS regulator, you can trust that your generator will receive the precise fuel pressure and capacity needed for optimal performance and maximum efficiency. We're here to make sure you get the most out of your investment.

Using BelGAS Regulators with Your Generators

Generators come in a wide range of sizes designed to fit the application. From compact residential standby generators to expansive industrial setups, BelGAS regulators are designed to meet a broad spectrum of power generation needs.

Generator Applications

Portable Natural Gas/Propane Generator

- 4kW - 15kW
- Residential Natural Gas Supply or Propane Tank

Residential Standby Generator

- 7.5kW - 26kW
- Residential Natural Gas Supply or Propane Tank

Commercial Emergency Generator

- 24kW - 150kW
- Commercial Natural Gas or Propane Supply

Large Commercial Emergency / Industrial Power Generation

- 150kW - 2,500kW
- Commercial Natural Gas or Propane Supply

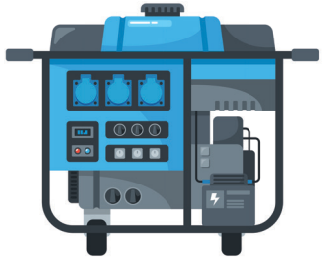
Sizing BelGAS Regulators for Your Generators

To accurately select the right regulator for your generator application, first calculate the BTU/SCFH requirements of your generator. Then, consult the BelGAS regulator spec sheet (available on our website) to match the required capacity with the inlet and outlet pressures of your application.

Portable Generators

Residential Generators

Portable Generators: 4kW - 15kW



Ideal for residential backup power or recreational use (i.e. RVs or camping), these units connect seamlessly to your home's natural gas line or a propane tank.

- 2 or 5 PSIG Natural Gas Supply usually regulated to 7"-14" W.C. to fuel generator
- 278,000 BTU (268 SCFH) for 15kW Full Load

BelGAS Portable Generator Regulators:

- PG103 3" Diaphragm Line Pressure Regulator (Indoor Installation Only)
- PG105 5" Diaphragm Line Pressure Regulator (Indoor Installation Only)
- P140 Gas Pressure Regulator



PG103 SPECIFICATIONS

Features:

- Die-cast Aluminum Housing
- Vent Limiter

Options:

- 3" Diaphragm Line Pressure Regulator
- Certified to ANSI Z21.80 CSA 6.22
- Certified to ANSI Z21.18 CSA 6.3

Outlet

2"-6" W.C., 5"-9" W.C., 7"-11" W.C.

Port Sizes (Inches)

1/2"

Connections

NPT



PG105 SPECIFICATIONS

Features:

- Die-cast Aluminum Housing
- Vent Limiter

Options:

- 5" Diaphragm Line Pressure Regulator
- Certified to ANSI Z21.80 CSA 6.22
- Certified to ANSI Z21.18 CSA 6.3

Outlet

7"-11" W.C.

Port Sizes (Inches)

3/4", 1"

Connections

NPT

Residential Generators: 7.5kW - 26kW



Designed for residential standby backup power that automatically kicks in when power outages strike, seamlessly supplied by your home's natural gas or propane supply.

- 2 or 5 PSIG Natural Gas Supply usually regulated to 7"-14" W.C. to fuel generator
- 333,000 BTU (322 SCFH) for 26kW Full Load

BelGAS Residential Generator Regulators:

- P140 Gas Pressure Regulator
- P143 Relieving Gas Pressure Regulator



P140 SPECIFICATIONS

Features:

- Compact Design

Options:

- Relieving or Non-Relieving
- Straight Body or Angle Body
- ANSI B109.4 Compliant

Outlet

3" W.C. to 5 PSIG

Port Sizes (Inches)

1/2", 1/2" x 1/2", 3/4", 3/4" x 1", 1", 1 1/4"

Connections

NPT



P143 SPECIFICATIONS

Features:

- Compact Design

Options:

- Low Pressure Cut Off
- Internal Monitor Configurations
- ANSI B109.4 Compliant

Outlet

3.5" W.C. to 6 PSIG

Port Sizes (Inches)

3/4", 1", 1 1/4"

Connections

NPT

Commercial Generators

Industrial Generators

Small Commercial Generators: 24kW - 150kW



Perfect for providing reliable emergency backup for commercial spaces and critical healthcare facilities, ensuring operations continue smoothly during power outages.

- Commercial Natural Gas Supply usually regulated to 7"-11" W.C. to fuel generator
- 2,030,000 BTU (1,965 SCFH) for 150kW Full Load

BelGAS Commercial Generator Regulators:

- P300 Gas Pressure Regulator
- P200 Gas Pressure Regulator



P300 SPECIFICATIONS

Features:

- Wide Pressure Ranges

Options:

- Internal or External Registration
- Relieving or Non-Relieving
- ANSI B109.4 Compliant

Outlet

3" W.C. to 8 PSIG

Port Sizes (Inches)

3/4", 1", 1 1/4", 1 1/2", 2"

Connections

NPT, 125FF, 150RF, Socket Weld



P200 SPECIFICATIONS

Features:

- Wide Pressure Ranges

Options:

- Internal or External Registration
- Relieving or Non-Relieving

Outlet

2" W.C. to 10 PSIG

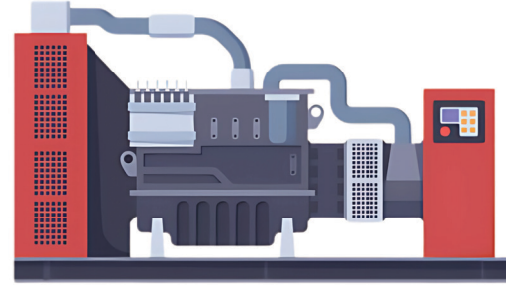
Port Sizes (Inches)

1 1/4", 1 1/2", 2"

Connections

NPT, 125FF, 150RF, Socket Weld

Large Commercial / Industrial Generators: 150kW - 2,500kW



Designed to support large-scale commercial or industrial needs, whether for emergency power backup or power generation in areas without power grid access.

- Commercial/Industrial Natural Gas Supply usually regulated to 7"-11" W.C. to fuel generator
- 24,000,000 BTU (23,300 SCFH) for 2,500kW Full Load

BelGAS Commercial/Industrial Generator Regulators:

- P200 Gas Pressure Regulator
- P133 Gas Pressure Reducing Regulator
- P99 Gas Pressure Reducing Regulator



P133 SPECIFICATIONS

Features:

- Balanced Supply Valve
- Wide Pressure Ranges

Options:

- Internal or External Registration
- Temperature Rating of -40°F to 200°F

Outlet

2" W.C. to 60 PSIG

Port Sizes (Inches)

2"

Connections

NPT, 125FF, 150RF



P99 SPECIFICATIONS

Features:

- Inline Maintenance
- External Registration
- Loading Pressure Bleeds Downstream (No Atmospheric Relief)

Outlet

3" W.C. to 100 PSIG

Port Sizes (Inches)

2", Flanged

Connections

NPT, 150RF, 300RF

Distributed by:
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