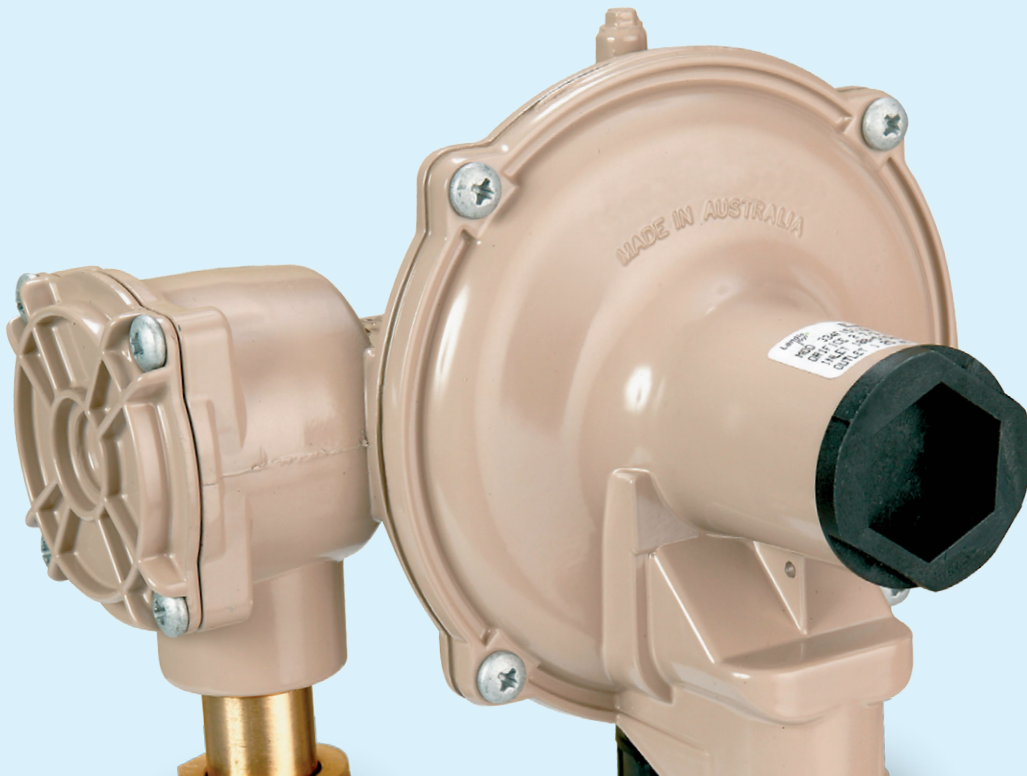


## Model 300

Gas Regulator



## Model 300

### Superior Performance and Reliability

#### Regulator Design

The Model 300 Regulator is a compact spring loaded self operating regulator with integral relief valve. It has been designed to provide reliable outlet performance over an extensive range of inlet conditions and flow rates. Suitable for internal or external installations, it is primarily used in supplying gas to residential and commercial applications. The Model 300 is optimised for use with rapid actuating instantaneous high draw appliances.

Although developed for use with natural gas distribution systems, the Model 300 Regulator may be used with most non-corrosive gases including liquefied petroleum gas (LPG), butane, propane, nitrogen, and air. For gases not listed please consult Landis+Gyr.

#### Regulator Capacity

The Model 300 Regulator offers unsurpassed flat line performance accuracy. Individual performance curves can be provided for a variety of inlet pressures, outlet pressures, relief requirements, lock-up pressures (zero flow) and required capacities.

#### Regulator Relief Characteristics

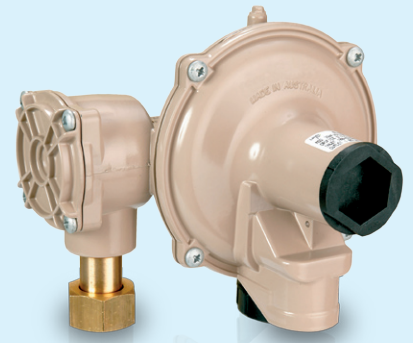
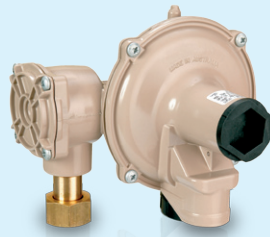
Excellent catastrophic relief performance ensures that, in the event of catastrophic regulator failure, the lowest rise in downstream pressure occurs. Relief performance curves can be provided for individual customer requirements.

#### Robust and Durable

Designed and built to withstand Australia's climate extremes, the Model 300 castings are alodine pre-treated and polyester powder coated. This ensures maximum corrosion protection and guaranteed 1000 hour accelerated Neutral Salt Spray compliance to ASTM B117 / AS 2331.3.1.

#### Quality Manufacturing

Quality is maintained and monitored throughout Landis+Gyr's manufacturing process. The Quality Management System employed at our plant is NCSI certified to ISO9001:2000 and the laboratory test system NATA Certified to ISO/IEC 17025, which includes the management requirements of ISO 9002:2000.



## Model 300 Specifications\*

### Gases

Natural gas, and most noncorrosive gasses including liquefied petroleum gas (LPG), butane, propane, nitrogen and air. For other gases please consult Landis+Gyr.

### Connection

Body connections female BSP  $\frac{1}{2}$ " x  $\frac{3}{4}$ ",  $\frac{1}{2}$ " x 1",  $\frac{3}{4}$ " x  $\frac{3}{4}$ ", and  $\frac{3}{4}$ " x 1". A variety of inlet and outlet connections are available to suit individual customer needs.

### Outlet Pressure

1.0 to 6.0 kPa, depending on selected spring. Fully adjustable and interchangeable.

### Capacity

Up to 26 m<sup>3</sup>/h, depending on operating conditions, spring and selected orifice. A variety of orifices are available for specific flow and relief requirements.

### Inlet Pressure Range

Up to 515 kPa, depending on the selected orifice, main spring, the spring setting and the desired performance requirements.

### Inlet Pressure Resistance

Up to 1,050 kPa

### Temperature Range

-10 °C to + 65 °C

### Corrosion Protection

Alodine pre-treatment of aluminium castings, followed by baked polyester powder coat for maximum corrosion protection.

### Integral Filter

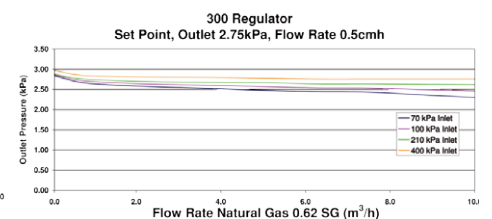
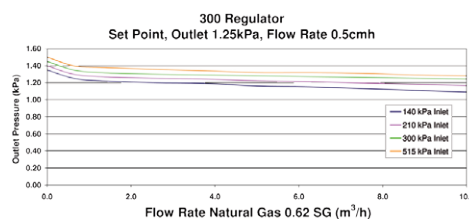
A replaceable polyurethane foam filter cartridge is fitted as an integral part of the regulator.

### Orifices

Aluminium or Brass 2.6 to 7.0mm depending on individual performance requirements.

### Pressure Tapping Points

Outlet tapping point standard on all versions, inlet tapping point is optional.



\* Continuing product improvement is Landis+Gyr policy, specifications are subject to change without notice.

# Model 300

Designed for accuracy,  
dependability, safety and long life

## Product features:

Outlet Pressure Ranges 1.0-6.0 kPa

Rugged Compact Construction

Vertically Orientated Diaphragm

Cap Colour Identification

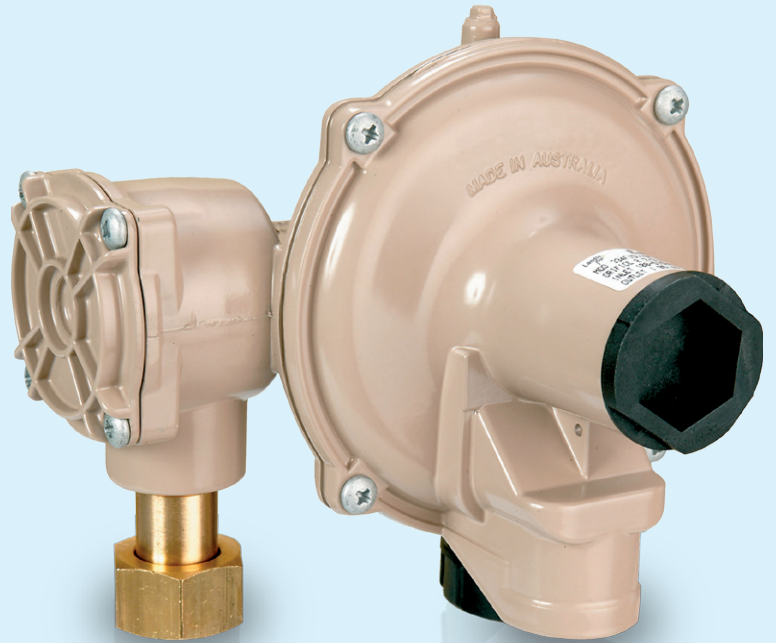
Interchangeable Orifices

Factory Set Pressure Adjustment

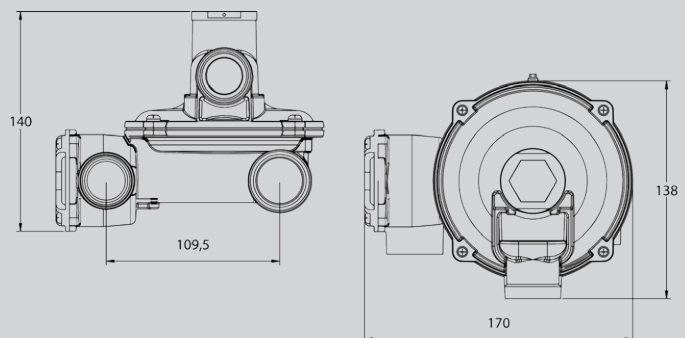
Flat Line Accuracy Performance

Proven Corrosion Resistance

Inlet Pressure Resistant to 1,050 kPa



## Model 300 Wireframe



### Contacts:

Melbourne +61 3 8368 1600

Sydney +61 2 9690 7409

Brisbane +61 7 3265 4344

Perth +61 8 9244 3523

### Customer Service Toll Free

Australia 1800 337 957

### New Zealand

Auckland +64 9 579 1155

[www.landisgyr.com](http://www.landisgyr.com)