

LVG

Gas Limiting Orifice Valve

LVG-1
Edition 4-14



- Designed to allow precise setting of high fire gas flow
- Precision machined internal components
- Straight through valve design
- Pressure rated to 15 psig (1034 mbar)
- Designed for use with any commercial fuel gas
- Fine flow adjustment
- Maintenance free operation
- Vibration proof flow settings

Advantages of the LVG Series Valve

- Precise Flow Adjustment
- Maintenance Free Operation
- Vibration Proof Flow Setting

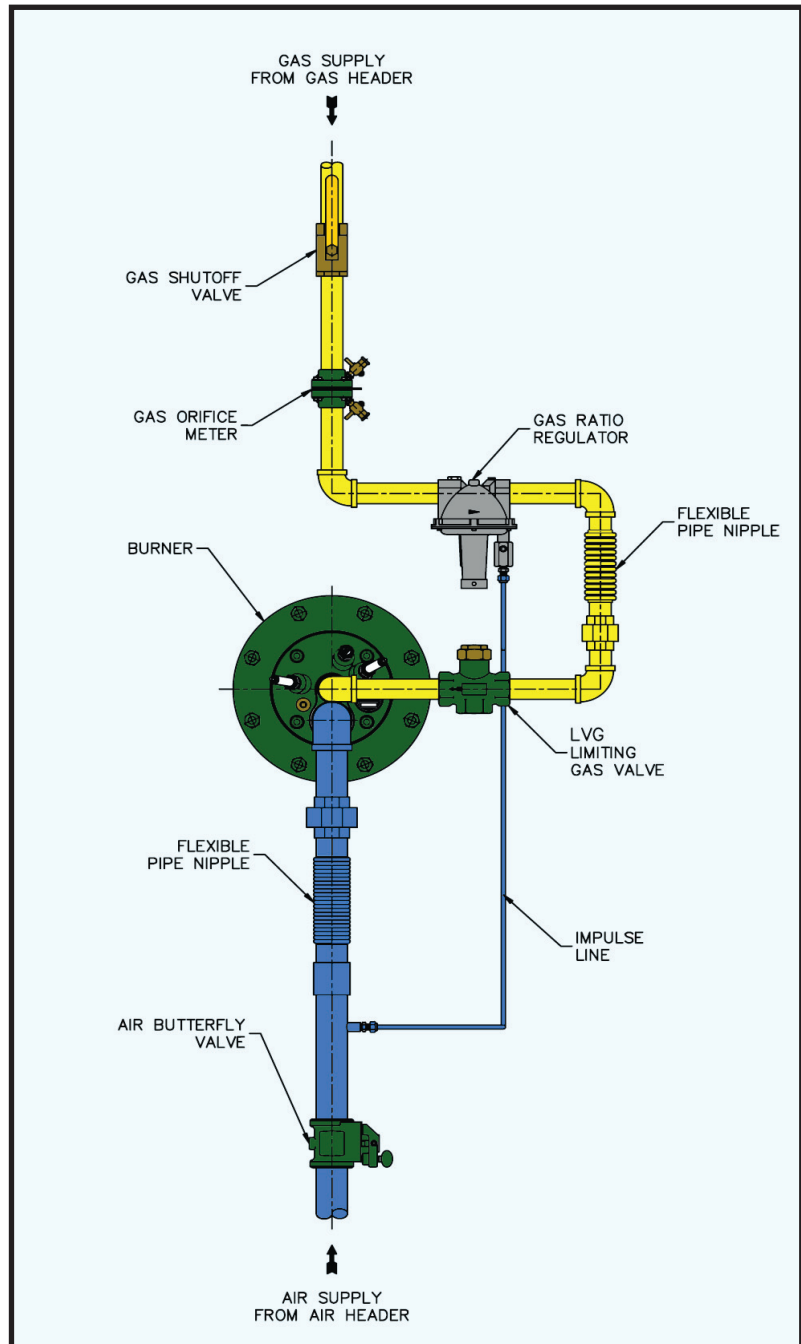
The Hauck LVG Series Limiting Orifice Gas Valves are designed to allow precise setting of high fire gas flow. They are used for single or multiple burner systems. These valves are designed for use with any commercial fuel gas.

There are nine LVG valve sizes from 1/2 NPT to 4" ANSI flange. Capacities for natural gas range from 760 to 24,640 scfh (20 to 660 nm³/hr) at a pressure drop of 6.9" wc (17.2 mbar)

LVG series valves are designed for use as straight through type valves to set high fire on single or multiple burner systems.

Installation must be made as close to the burner as possible to minimize burner response time to changes in gas flow, and downstream of a shutoff valve. Though the valves are designed to provide minimal leakage flow when fully closed, they are not to be used as shutoff valves.

Precise adjustment is accomplished by rotating the adjusting screw to increase or decrease the gas flow through the valve. After the valve is properly adjusted, the hex screw cap must be replaced to protect the setting. The seal design of the cartridge stem permits operating pressures up to 15 psig (1,034 mbar).



**Typical LVG Valve location
in burner control system**

For additional information on this product, visit our website at:

www.hauckburner.com

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