



Series HV426, HV427, HV285, & HV298

Low Temperature Stainless Steel Gas Shutoff Valves

Applications

- Oil Batteries
- Tank Heaters
- Line Heaters
- Incinerators
- Flare Stacks



Features & Benefits

- **Low power (Peak & Hold):**
The new Peak & Hold construction significantly reduces the energy consumption to 0.5–1.4 watt (hold), allowing our valves to be installed in remote locations where power is critical
- **Low ambient operating temperature range:**
New valves can be installed in frigid environments (as low as -40 °F/°C locations)
- **Zero minimum differential pressure:**
The 0 PSI differential pressure allows the installation of new products at locations with low supply pressure
- **Superior performance:**
The new valve design with large pilot orifice provides consistent and reliable operation compared to the competition
- **Expanded product offering:**
Wide range of pipe sizes (1/4" to 1") and voltages (AC & DC) allows users to select the right valve for their application
- **Explosion proof:**
Class I Div. 1 operator allows valves to be used in hazardous locations
- **Agency approvals:**
 - Certified by CSA for the following:
 - Approved for Hazardous Locations
 - Meets Automatic Gas Valves Z21.21, CSA 6.5 C/I Safety Shutoff Standard
 - Complies with ANSI/ISA-12.27.01.2003 single seal requirements
 - Meets the metallurgical requirements of NACE MR-0175 (except AC constructions)
 - CRN registration pending
 - UL Listed Explosion Proof Solenoid

Specifications

| Product Family | | Pipe Sizes (in) | Gas Capacity* (Million BTU/hr) | Max OPD (psi) | Ambient Temperature °C (°F) | Voltage (Volts/Hz) |
|-------------------------------|----------|-----------------|--------------------------------------|---------------|---------------------------------|--|
| AC | HV427480 | 1/4 & 3/8 | 837,000 | 50 | -40 to 52 °C (-40 to 125 °F) | 24/60, 120/60, 110/50, 240/60, 220/50, 230/50 |
| | HV427481 | 1/2 & 3/4 | 3,529,000 (1/2") 3,693,000 (3/4") | | | |
| | HV427482 | 1 | 8,483,000 | 35 | | |
| DC | HV426716 | 1/4 & 3/8 | 410,000 (1/4") | 50 | -40 to 52 °C (-40 to 125 °F) | 12V & 24V |
| | | | 527,000 (3/8") | 35 | | |
| | HV426780 | 1/2 & 3/4 | 3,529,000 (1/2") 3,693,000 (3/4") | 50 | | |
| | HV285926 | 1 | 8,268,480 | 35 | | |
| Low Power (Peak & Hold DC) | HV427246 | 1/4 & 3/8 | 410,000 (1/4") | 50 | -40 to 52 °C (-40 to 125 °F) | 12V & 24V |
| | | | 527,000 (3/8") | 35 | | |
| | HV427371 | 1/2 & 3/4 | 3,529,000 (1/2") 3,693,000 (3/4") | 50 | | |
| | HV298568 | 1 | 8,268,480 | 35 | | |

