



## Solenoid Valves For Dust and Odor Control

GC Valves has a wide range of solenoid valve products for Dust and Odor Control equipment. GC Valves offers low-pressure diaphragm valves for water inlets, as well as high pressure valves for zone control and draining. DEMA, the parent company of GC Valves, manufactures low pressure valves that maintain high flow rates and utilize integrated y-strainers. GC's high pressure valves can handle pressures up to 2400 PSI and precisely control which lines are active. GC also offers high pressure drain valves that control the release of water from pressurized lines to prevent bacterial growth. Whether it's odor control for commercial cannabis or dust control at the job site, GC Valves can help.

### Valve Design Features

- Body materials include brass, stainless steel, and nylon.
- Normally Open and Normally Closed options
- Pipe sizes ranging from 1/8" to 2" NPT.
- Pressure ratings up to 2400 PSI for water/air and 150 PSI for steam
- NSF/ANSI/CAN 61 options available
- UL, CSA, and CE approved coil options
- Seal materials include Viton, Nitrile, EPR, Rulon, Santoprene, and more.
- Conduit, Explosion Proof, DIN, and Junction Box housing options



# CUSTOM SOLUTIONS



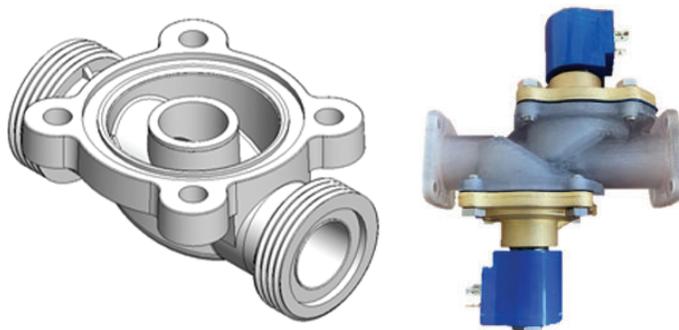
We produce over 1.5 million solenoid valves annually. GC Valves has a history of tailoring solutions for OEMs with demanding applications. Whether you need to design around temperature, pressure, chemical compatibility, flow, or reliability, GC Valves can provide a fluid control solution to meet your needs.

Our world-class engineering team and product portfolio allow for custom solutions in a wide variety of applications. The valves shown here are a small portion of our offering and just a hint of what we can provide with regards to custom valves. Our long history of collaborating with OEMs gives us the experience and comfort level needed to solve difficult design challenges. We pride ourselves on making cost-effective custom solutions, understanding the demands of manufacturers, and providing our products on time, tested, and of the highest quality.

## ENGINEERING CAPABILITIES

### 3D Modeling and 3D Printing - Rapid Prototypes

- STEP files
- Solidworks part
- ACIS
- Pro/E and Creo part
- Parasolid files
- IGES files and more!
- Quick delivery time
- Multiple materials
- Fitment check
- Low-pressure fluid testing
- Tangible design



### Sales Drawings

- Basic views
- Overall dimensions
- Specifications

### Test Reports

- Professional reports
- Certified results
- Data-driven decisions

### Testing Capabilities

- Burst testing
- Noise
- Flow
- Torque
- Water hammer
- Life cycle
- Heat Rise and
- Hi-Pot (High Potential)
- Maximum operating pressure differential
- Minimum opening pressure
- Chemical compatibility
- Internal and External leakage



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