



Model 4351, Model 50A and Model 61A Series, Model 55F-679 Manual Control Valves



Model 4351 Series Diaphragm Valve

Model 4351 Manual Diaphragm Valve

Description

The Model 4351 Manual Diaphragm Control Valve has been specifically designed for use with gases supplied in high pressure cylinders (3000 psig maximum). The diaphragm type construction affords high purity delivery of product. These valves function as on/off valves and are rough controls for dispensing gas products from cylinders. They do not control pressure or back-pressure in a gas delivery system. If greater accuracy is required for the application, Matheson recommends the use of the appropriate regulator listed in the Regulator Section. The Model 4351 Manual Diaphragm Control Valve is compatible with gases that are non-corrosive.

Specifications

| | |
|-------------|---------------------|
| Body: | Nickel Plated Brass |
| Seat: | PCTFE |
| Diaphragms: | 316 Stainless Steel |



Model 50A and 61A Series Packed Stem Valve

Model 50A and Model 61A Series Manual Packed Stem Valves

Description

The Model 50A and Model 61A Series Manual Packed Stem Control Valves have been specifically designed for use with gases supplied in high pressure cylinders (3000 psig maximum). These valves function as metering valves and are rough controls for dispensing gas products from cylinders. They do not control pressure or back-pressure in a gas delivery system. If greater accuracy is required for the application, Matheson recommends the use of the appropriate regulator listed in the Regulator Section. The Model 50A/61A Series Packed Stem Manual Control Valves should be used with gases compatible with the valves' materials of construction.

Specifications

| Model | Body | Stem |
|--------------------|---------------------|---------------------|
| 50A Series: | Nickel Plated Brass | 303 Stainless Steel |
| 52A Series: | Nickel Plated Brass | 303 Stainless Steel |
| 55A Series | Monel | Monel |
| 61A Series: | 303 Stainless Steel | 303 Stainless Steel |

Packing: Teflon
Shipping Weight: 2 lbs



Model 55F-679 Fluorine Service Valve

Model 55F-679 Manual Fluorine Service Valve

Description

This needle valve has a body constructed of Monel with Teflon packing. The valve has a 1/4" compression tube outlet and is passivated for fluorine service.

Ordering Information

| Model No. | Outlet Connection |
|-----------------|---------------------|
| 4351-CGA | 1/4" OD Compression |
| 55F-679 | 1/4" OD Compression |

Shipping Weight: 2 lbs

| Model No. | Outlet Connection | Gauge Range |
|----------------|---------------------|-------------|
| 50A-CGA | 1/4" OD Compression | N/A |
| 52A-CGA | 1/4" OD Compression | 0-3000 psig |
| 55A-CGA | 1/4" OD Compression | N/A |
| 61A-CGA | 1/4" OD Compression | N/A |