



## 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
<b>50A Series:</b>	Nickel Plated Brass	303 Stainless Steel
<b>52A Series:</b>	Nickel Plated Brass	303 Stainless Steel
<b>55A Series</b>	Monel	Monel
<b>61A Series:</b>	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
<b>4351-CGA</b>	1/4" OD Compression
<b>55F-679</b>	1/4" OD Compression

Shipping Weight: 2 lbs

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