

Manifold Valve

GSV SERIES

For Manifold, Oxygen and Fuel Gas



GSV35060



GSV58060

RMI Part No.	CGA Outlet	Inlet Thread Size	Description
GSV Manifold Valves			
GSV32040	320	1/2" NGT	No PRD
GSV32060	320	3/4" NGT	No PRD
GSV35040	350	1/2" NGT	No PRD
GSV35060	350	3/4" NGT	No PRD
GSV54040	540	1/2" NGT	No PRD
GSV54060	540	3/4" NGT	No PRD
GSV58040	580	1/2" NGT	No PRD
GSV58060	580	3/4" NGT	No PRD
GSHV68040	680	1/2" NGT	No PRD
GSHV68060	680	3/4" NGT	No PRD
GSV For Fuel Gas and Oxygen			
GSV02440	024	1/2" NGT	No PRD
GSV02440cc	024	1/2" NGT	No PRD; Cap and Chain
GSV02540	025	1/2" NGT	No PRD
GSV02540cc	025	1/2" NGT	No PRD; Cap and Chain

630 SERIES

High-pressure shut-off valves designed for heavy-duty use on manifold systems, fill plants, tube trailers and other piping systems. Valves are suitable for use with oxygen, acetylene, nitrogen, argon, helium, hydrogen, carbon dioxide, nitrous oxide and other inert gases

Key Features & Benefits

- Easy Operation - Lowest operating torque available, E-Z grip handwheel and slow opening design combine to make the new 630 series a breeze to operate.
- Flow Control - 3 turns from the closed position to fully open.
- Versatility - Specially designed resilient soft seat has been third party certified for Oxygen service so one valve can fulfill all your gas service needs.
- Installation Options - Front or back panel mounting capabilities available.
- Interchangeability - Sized to be interchangeable with other manufacturers' valves as an easy drop in replacement for your current installation.
- Vacuum Capable - Vacuum tested to ensure the highest purity filling operations.
- All valves are field rebuildable

RMI Part No.	Inlet Thread	Outlet Thread	Features
630GR-4	1/2" NPT	1/2" NPT	
630GR-6	3/4" NPT	3/4" NPT	
630GR-8	1-11-1/2" NPSM	1-11-1/2" NPSM	
630GR-4PM	1/2" NPT	1/2" NPT	Panel Mount
630GR-6PM	3/4" NPT	3/4" NPT	Panel Mount
630GR-8PM	1-11-1/2" NPSM	1-11-1/2" NPSM	Panel Mount



630GR-6PM



630GR-8



630GR

SHERW 630 SERIES REPLACEMENT PARTS

RMI Part No.	Description	Contents
630-4KIT	Plug and Seat Assembly Kit	Plug and Seat, Seat Retainer, Thrust Bearing, PTFE Seal
630-8KIT	Handwheel Kit	Handwheel Nut, Handwheel Washer, Handwheel
630-3KIT	Stem and Bonnet Kit	Stem, Inner Bonnet, PTFE Seat, Stem O-Ring, Backup Ring, Bearing Spacer, Needle Bearing and Washer, O-Ring, Lubricant
630-3PMKIT	Panel Mount Stem and Bonnet Kit	



Non-stock/special order items are not cancellable or returnable

Shop online at www.raymurray.com or call **800-628-5044**

Manifold Valve

HIGH PRESSURE GAS MASTER VALVES HP9560 SERIES

Part Number		Inlet Connection	Outlet Connection
Soft Seat	Metal Seat		
HP9560A	HP9560CA	1/2" F. NPT	1/2" F. NPT
HP9560B	HP9560CB	3/4" F. NPT	3/4" F. NPT
HP9561R	HP9561CR	1"-11-1/2" NPSM R.H.	1"-11-1/2" R.H. Female Swivel
HP9561RL	HP9561CRL	1"-11-1/2" NPSM R.H.	1"-11-1/2" NPS L.H. Female Swivel
HP9561L	HP9561CL	1"-11-1/2" NPSM L.H.	1"-11-1/2" L.H. Female Swivel
HP9563R	HP9563CR	1"-11-1/2" NPSM R.H.	1"-11-1/2" NPSM R.H.
HP9563L	HP9563CL	1"-11-1/2" NPSM L.H.	1"-11-1/2" NPSM L.H.
HP9560ASE	HP9560CASE	.843 - .847	.843 - .847
HP9560BSE	HP9560CBSE	1.053 - 1.057	1.053 - 1.057
HP9560BSE-B	HP9560CBSE-B	1.053 - 1.057	3/4" F.NPT
GSHV68060	680	3/4" NGT	No PRD



HP9560A



HP9560BP

REGO HP9560 SERIES

- 5600 psig (386 barg) maximum working pressure
- Non-rising stem design with O-Ring Seal for durable service
- Large brass handwheel for easy low torque operation under pressure
- All valves cleaned for use in oxygen per CGA G-4.1
- Temperature range -40°F to +165°F (-40°C to +74°C)
- 100% Factory Tested

SOFT SEAT OPTION

The soft seat valves use a PCTFE seat disc in the seat retainer to create a "bubble-tight" seal against a machined seat surface on the brass body. Valve Cv is 2.6. The soft seat option is especially useful for small molecule gases like hydrogen and helium, but can be used for a variety of non-corrosive industrial gases including argon, nitrogen, carbon dioxide, nitrous oxide, and acetylene.

METAL SEAT OPTION:

A copper seat disc is used in the seat retainer to create a seal against a Monel body seat, which is installed into the body and can be replaced. Valve Cv is 2.3. The metal seat option minimizes the possibility of seat decomposition or ignition in oxygen service under adiabatic compression. The metal seat option is recommended for oxygen, and can also be used for other non-corrosive industrial gases. The metal seat option is not to be used for acetylene due to the copper seat. Not to be applied in hydrogen or helium service or where a "bubble-tight" seal is essential. (Note: C in part number) Metal Seat Option approved according to Adiabatic compression test.

