

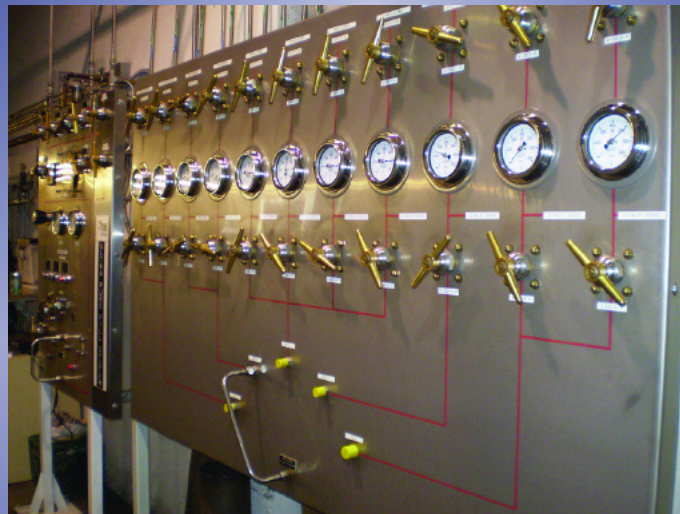
Valves

Ratermann Manufacturing, Inc. offers high quality valves designed for heavy duty use on manifolds, tube trailers and high pressure piping systems.

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Valves Products

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HIGH PRESSURE MASTER VALVES

9560 SERIES HP MASTER SHUT-OFF VALVES - REGO®

The 9560 series high pressure shut-off valves are designed for heavy duty use on manifolds, tube trailers and other high pressure piping systems. These valves are suitable for use with oxygen, acetylene, nitrogen, argon, helium, hydrogen, carbon dioxide, nitrous oxide and other inert gases.



PANEL MOUNT VALVE

1/2" F.NPT
master shut-off
valve for all
gases, panel
mount

9560 SERIES SEATING OPTIONS

- CTFE soft seat material seals against smooth seating surface of brass body to assure bubble tight shut off with all gases, especially useful for hydrogen and helium. Valve Cv is 2.6.
- Designed for Oxygen – Copper seat disk is used to create a seal against a replaceable Monel body seat for metal to metal seating.

Designed for resistance to ignition from adiabatic compression of high pressure oxygen, important in medical oxygen cylinder filling and supply manifolds. Not to be used in acetylene service.

KEY FEATURES

- 4200PSI maximum working pressure with 5:1 safety factor, 5000PSI maximum working pressure with 4:1 safety factor.
- Lowest operating torque valve, only 25 inch pounds at 6000 PSIG
- Only takes 1.5 turns to open full flow.
- Non-rotational seating action extends bubble tight seal life.
- Brass body, stem, seat retainer and bonnet for non corrosive gas service.
- Large tapered bar style handwheel for comfortable and easy operation
- All valves are cleaned for use in oxygen per CGA G-4.1.



STANDARD BONNET VALVE

3/4" F.NPT
master shut-off
valve for all
gases

PANEL MOUNT VALVE 9560 SERIES - SOFT SEAT FOR ALL GASES

Part Number	Inlet Connection	Outlet Connection
HPV-NPT12F-SO-SP	1/2" F. NPT	1/2" F. NPT
HPV-NPT34F-SO-SP	3/4" F. NPT	3/4" F. NPT
HPV-111RHFS-SP	1-11 1/2 NPSM R.H.	1-11 1/2 R.H. Female Swivel
HPV-111LHFS-SP	1-11 1/2 NPSM L.H.	1-11 1/2 L.H. Female Swivel
HPV-111NPSMR-SO-SP	1-11 1/2 NPSM R.H.	1-11 1/2 NPSM R.H.
HPV-111NPSML-SO-SP	1-11 1/2 NPSM L.H.	1-11 1/2 NPSM L.H.
HPV-N12F128S-SO-SP	1/2" (.843-.847 Sweat)	1/2" (.843-.847 Sweat)
HPV-341S-SO-SP	3/4" (1.053-1.057 Sweat)	3/4" (1.053-1.057 Sweat)
HPV-34FNPT-SP	3/4" (1.053-1.057 Sweat)	3/4" F. NPT

PANEL MOUNT VALVE 9560 SERIES - COPPER SEAT FOR ALL OXYGEN

Part Number	Inlet Connection	Outlet Connection
HPV-NPT12F-SO-CP	1/2" F. NPT	1/2" F. NPT
HPV-NPT34F-SO-CP	3/4" F. NPT	3/4" F. NPT
HPV-111RHFS-CP	1-11 1/2 NPSM R.H.	1-11 1/2 R.H. Female Swivel
HPV-111LHFS-CP	1-11 1/2 NPSM L.H.	1-11 1/2 L.H. Female Swivel
HPV-111NPSMR-SO-CP	1-11 1/2 NPSM R.H.	1-11 1/2 NPSM R.H.
HPV-111NPSML-SO-CP	1-11 1/2 NPSM L.H.	1-11 1/2 NPSM L.H.
HPV-N12F128S-SO-CP	1/2" (.843-.847 Sweat)	1/2" (.843-.847 Sweat)
HPV-341S-SO-CP	3/4" (1.053-1.057 Sweat)	3/4" (1.053-1.057 Sweat)
HPV-34FNPT-CP	3/4" (1.053-1.057 Sweat)	3/4" F. NPT

For panel mount version, a 1.625 diameter panel hole is required for mounting

STANDARD BONNET VALVE 9560 SERIES - SOFT SEAT FOR ALL GASES

Part Number	Inlet Connection	Outlet Connection
HPV-NPT12F-SO-S	1/2" F. NPT	1/2" F. NPT
HPV-NPT34F-SO-S	3/4" F. NPT	3/4" F. NPT
HPV-111RHFS-S	1-11 1/2 NPSM R.H.	1-11 1/2 R.H. Female Swivel
HPV-111LHFS-S	1-11 1/2 NPSM L.H.	1-11 1/2 L.H. Female Swivel
HPV-111NPSMR-SO-S	1-11 1/2 NPSM R.H.	1-11 1/2 NPSM R.H.
HPV-111NPSML-SO-S	1-11 1/2 NPSM L.H.	1-11 1/2 NPSM L.H.
HPV-N12F128S-SO-S	1/2" (.843-.847 Sweat)	1/2" (.843-.847 Sweat)
HPV-341S-SO-S	3/4" (1.053-1.057 Sweat)	3/4" (1.053-1.057 Sweat)
HPV-34FNPT-S	3/4" (1.053-1.057 Sweat)	3/4" F. NPT

STANDARD BONNET VALVE 9560 SERIES - COPPER SEAT FOR ALL OXYGEN

Part Number	Inlet Connection	Outlet Connection
HPV-NPT12F-SO-C	1/2" F. NPT	1/2" F. NPT
HPV-NPT34F-SO-C	3/4" F. NPT	3/4" F. NPT
HPV-111RHFS-C	1-11 1/2 NPSM R.H.	1-11 1/2 R.H. Female Swivel
HPV-111LHFS-C	1-11 1/2 NPSM L.H.	1-11 1/2 L.H. Female Swivel
HPV-111NPSMR-SO-C	1-11 1/2 NPSM R.H.	1-11 1/2 NPSM R.H.
HPV-111NPSML-SO-C	1-11 1/2 NPSM L.H.	1-11 1/2 NPSM L.H.
HPV-N12F128S-SO-C	1/2" (.843-.847 Sweat)	1/2" (.843-.847 Sweat)
HPV-341S-SO-C	3/4" (1.053-1.057 Sweat)	3/4" (1.053-1.057 Sweat)
HPV-34FNPT-C	3/4" (1.053-1.057 Sweat)	3/4" F. NPT