

Residual Pressure

GSRPV SERIES RESIDUAL PRESSURE VALVES

Sherwood's residual pressure valves are designed to protect cylinders and contents without a time consuming purge-and-clean cycle.

Key Features & Benefits

- Prevents backflow of impurities and foreign substances
- Automated assembly and testing processes ensure exceptional quality
- 100% helium leak tested •Durable forged brass body, precisely machined internal components and design elements meet the most stringent international valve performance standards
- Innovative design and quality construction offer protection of cylinder contents without the expense of a time-consuming purge and-clean cycle
- Retains approximately 55 to 85 PSI pressure, maintaining the integrity of the cylinder contents against contaminants, even if the valve is left open •Protects and extends life of cylinder by preventing ingress of moisture
- Pressure Relief Device (PRD) is a unitized plug design that provides excellent flow characteristics, ensures proper assembly and tamper resistance
- Dynamic front piston seal design is not in direct contact with the flow passage during filling •Inlet and outlet thread configurations are available for a broad spectrum of customer, country and code specifications
- Optical Character Recognition technology utilized to verify appropriate burst disc pressure rating •Exclusive "webbed washer" design protects burst disc during handling and bulk shipment
- Inlets tapped (1/4" NPT) for dip tube as required

RMI Part Number	Gas Service @ 70° F	CGA Outlet	Inlet Thread Size
GSRPV34641-XX	0 PSI-3000PSI	346	1/2" NGT
GSRPV34661-XX	0 PSI-3000PSI	346	3/4' NGT
GSRPV34625E1-XX	0 PSI-3000PSI	346	25E
GSRPV580R41-XX	0 PSI-3000PSI	580	1/2" NGT
GSRPV580R61-XX	0 PSI-3000PSI	580	3/4' NGT
GSRPV580R25E1-XX	0 PSI-3000PSI	580	25E
GSRPV32041-XX	0 PSI-3000PSI	320	1/2" NGT
GSRPV32061-XX	0 PSI-3000PSI	320	3/4' NGT
GSRPV32025E1-XX	0 PSI-3000PSI	320	25E
GSRPV32051-XX	0 PSI-3000PSI	320	1.125"-12UNF
GSRPV35045-XX	0 PSI-3000PSI	350	1/2" NGT
GSRPV35065-XX	0 PSI-3000PSI	350	3/4' NGT
GSRPV35025E5-XX	0 PSI-3000PSI	350	25E
GSRPV54041-XX	0 PSI-3000PSI	540	1/2" NGT
GSRPV54061-XX	0 PSI-3000PSI	540	3/4' NGT
GSRPV54025E1-XX	0 PSI-3000PSI	540	25E
GSRPV59041-XX	0 PSI-3000PSI	590	1/2" NGT
GSRPV59061-XX	0 PSI-3000PSI	590	3/4' NGT



GSRPV580R61-XX

Options

To order 7 threads oversize inlets, add -7 to the end of the part number (e.g. GSRPV58061-XX becomes GSRPV58061-XX-7.

To order chrome plating, add letter "A" after the letters GSRPV in the part number (e.g. GSRPV58061-XX becomes GSRPVA58061-XX)

To order fusible backed pressure relief devices in 165°F or 212°F nominal melting temperatures, change "1" in the part number to "4" for (165°F) or to "5" for (212°F)

(e.g. GSRPV35061-XX becomes GSRPV35064-XX for 165°F, or GSRPV35065-XX for 212°F.

NOTE: GSRPV valves are not approved for CNG service. For CNG service, see NGSRPV series. Not all valves are available in all configurations. Contact customer service for availability. Orders may be subject to minimum quantities.



Residual Pressure

RMI Part No.	Inlet	Outlet
Nipples with retractable pin (includes brass nut as shown)		
TLG580SLW	1/4"MNPT	CGA 580
TLG590SLW	1/4"MNPT	CGA 590

Retractable PIN Adaptors provide maximum operating flexibility to fill or evacuate a cylinder with either a conventional valve or a GSRPV. Engage the PIN Locking Tool (see below) and rotate the tool clockwise to depress the pin for use with a conventional valve. Rotate the tool counterclockwise to release the pin for use with a GSRPV valve. The adaptors incorporate an O-ring seal for a handtight connection.

RMI Part No.	Inlet	Outlet
Nipples with Fixed Pin (includes brass nut as shown)		
TLG320W	1/4"MNPT	CGA 320
TLG346S	1/4"MNPT	CGA 346
TLG350S	1/4"MNPT	CGA 350
TLG540S	1/4"MNPT	CGA 540

RMI Part No.	Inlet	Outlet
Matching CGA Outlet and Inlet Adaptor		
TL580RD	CGA 580 Female	CGA 580 Male
TL590D	CGA 590 Female	CGA 590 Male



TLG580SLW



TLG320W



TL580RD

TLG580, TLG580SLW REBUILD KIT

RMI Part No.	Description
TL580A-30-R	Each kit includes 25 Plunger & Pin Assemblies
TL580SP	Nose Bushing

GSRPV TOOLS

RMI Part No.	Description
TL580B	Pin Lock Tool (used with Retractable Pin Adap)
TL580C	Checking Rod



TL580B

TL580C

SUFFIX LETTER KEY

"S"	Stainless Steel
"L"	Retractable Pin
"W"	O-Ring Seal
"D"	Matching Cga Outlet & Inlet

Refrigerant Valves

RMI Part No.	Description	Inlet	Outlet	Relief setting
RVE6660L	1/2 Ton Container Vapor Valve	3/4" NGT	CGA 660	N/A
RVE6660V	1/2 Ton Container Liquid Valve	3/4" NGT	CGA 660	N/A
F21200007	Dual Outlet Refrigerant Cylinder Valve	3/4" NGT	Dual CGA 660	600PSI
F212-5	Dual Outlet Refrigerant Cylinder Valve	3/4" NGT	Dual CGA 660	450PSI
F40170002	Single Outlet Refrigerant Cylinder Valve	3/4" NGT	CGA660	450PSI
YVE445FR	Refrigerant Relief Valve	1" NGT	1"-20 UNF2B	450PSI
F30000000	Refrigerant Relief Valve	3/4" NGT	1"-20 UNF2B	600PSI



76-0169



F40170002



RVE6660L



Y165-6257



YVE445FR