

Filler Valves

Domestic Tank Filler Valves



PV623B PV1876 PV1855SD PV1855SD-30

These types are for domestic tanks, motor fuel and lift truck containers.

Item #	List	Connections	Backcheck Style
PV623B	\$30.98	1 1/4" MPT x 1 3/4" ACME	Double
PV1876	\$29.26	3/4" MPT x 1 1/4" ACME	Double
PV1855SD	\$20.56	3/4" MPT x 1 3/4" ACME	Double
PV1855SD-30	\$32.50	3/4" MPT x 1 3/4" ACME 30°	Double

Double Back Check Filler Valve



- Large hex lower body allows a socket to be used during installation (except on angled outlet fill valves PV1855SD-30, PV1855SD-90, and PV1855BRCN).
- All valves are UL listed and meet NFPA standards.
- Equipped with 3/4" MPT outlet connection and 1 3/4" Acme inlet connection or special 3/4" FPT and 1/2" SAE male flare inlet connection.



PV1855SD-90 PV1855SVFD PV1855SPD

Item #	List	Container Connection	Filler Connection
PV1855SD-90	\$27.80	3/4" MPT	1/2" SAE Flare
PV1855SVFD	\$69.80	3/4" MPT	1/2" SAE Flare
PV1855SPD	\$27.56	3/4" MPT	3/4" FPT

Stop-Fill Valves

TL3

Replacement Stop-Fill Valves

For engine fuel containers.

Item #	List	Size
TL3	\$56.14	Junior Flange
V134-14	\$100.02	1 3/4" ACME x 3/4" MPT
V134-15	\$100.02	1/2" SAE Elbow x 3/4" MPT



Large Filler Valves



D140 or D141

D138 or D139

Type D138 & D139 –

These types offer single back check.

Type D140 & D141 –

These types provide a two-piece design with both an upper and lower back check.

Item #	List	Connections	Style	Filling/GPM
D138	\$207.58	2" x 2 1/4"	Single	105
D139	\$401.82	3" x 3 1/4"	Single	275
D140	\$336.67	2" x 2 1/4"	Double	100
D141	\$883.46	3" x 3 1/4"	Double	225

Unloading Valves



PV902

PV903

UNLOADING ADAPTER

PV902A AND PV902B - List: \$90.16

- PV902A - Inlet: 1-3/4" Acme (female) Outlet: 3/4" FPT
- PV902B - Inlet: 1-3/4" Acme (female) Outlet: 1/2" FPT
- 902-100-KIT

WARNING: The PV902A and PV903B unloading adapters must only be used with the Sherwood PV623A filter valve. Use with any other valve may cause damage to the valve, and a proper seal may not be maintained.

UNLOADING ADAPTER

PV903A AND PV903B - List: \$84.04

- PV903A - Inlet: 1-3/4 Acme (female) Outlet: 3/4" FPT
- PV903B - Inlet: 1-3/4 Acme (female) Outlet: 1/2" FPT
- 903-100-KIT

WARNING: The PV903A and PV903B unloading adapters must only be used with Sherwood PV623B or PV1855SD filter valves. Use with any other valve may cause damage to the valve, and a proper seal may not be maintained.

Liquid Withdrawal Valve

Used in 100-lb capacity cylinders where liquid withdrawal is required. Pressure relief device is set to relieve at 375 psig. Fixed maximum liquid level gauge is equipped with 11.6" dip tube for 100-lb. cylinders (Specify length for other cylinder sizes). Also comes with integral excess flow check valve.



PV3250ALM

- Closing flow liquid: 1 GPM(Gallons/minute) LPG.
- Inlet: 3/4"
- Repair Kit # 3250-8LH-KIT

Item #	List	Service Connection
PV3250ALM-375	\$71.54	Male CGA555

Connectors for CGA555



55572



55573

Item #	List	Description
55572	\$5.42	Hex Nut for CGA555
55573	\$2.73	2-1/8" Nipple x 1/4" MPT
55576	\$3.48	2-1/2" Nipple x 1/4" MPT

Cylinder Valves

DOT cylinder valves for vapor withdrawal up to 100lbs. LPG capacity (3250 Series).



Item #	List	Inlet	Outlet	Setting	Fixed Liquid Level
PV3250A-375	\$18.12	3/4" MPT	POL	375 PSIG	No
PV3250ALG-11.6	\$19.10	3/4" MPT	POL	375 PSIG	Yes
PV3329BDB	\$23.30	3/4" MPT	POL	NONE	No
PV3250BC-312	\$31.28	3/4" MPT	POL	312 PSIG	No



PV3250A-375*

*Repair Kit #3250-8LH-KIT



PV3250ALG-11.6*



PV3329BDB**

**Repair Kit #3329-13LH-KIT



PV3250BC-312*

OPD (Overfilling Prevention Device)

Valves for Small Steel and Aluminum Propane Cylinders (4 to 40 Lbs. Propane Capacity)



3349PLG

OPD Retrofit Table

This table indicates the approximate fixed maximum liquid level gauge dip tube lengths to be used for retrofitting cylinders with valves incorporating an overfilling prevention device.

Item #	Cylinder Size	Material	Recommended Dip Tube Length	List
3349PLG3.3	5#	Steel	3.3	\$24.30
3349PLG3.6	10#	Steel	3.6	
3349PLG4.0	20#	Steel	4.0	\$23.50
3349PLG4.8	30#	Steel	4.8	
3349PLG6.5	40#	Steel	6.5	

IMPORTANT: If the dip tube length that is marked on the cylinder does not appear in the above table, use the next longer dip tube shown in the table. Example: When the dip tube length marked on the cylinder is 3.8", use a 4.0" dip tube for the retrofit.

Liquid Withdrawal Valve



The A1597 valve consists of a service valve and excess flow valve. Built-in Tri-Gard® internal relief valve. Bleeds product back to the tank when hose pressure exceeds tank pressure by 50 psig.



A1597R

Item #	List	Container Connection	Outlet Connection
A1596R*	\$193.54	1 1/4" MPT	1" FPT
A1597R**	\$202.32	1 1/4" MPT	1" FPT

*30GPM Excess flow
**50GPM Excess flow

Vent Valves



Type PV10A- Does not have a dip tube and must be used in containers where a dip tube has been welded in.

Type PV10B- Comes standard with a 12-inch dip tube.

Type PV10DRF- 1/4" SAE side outlet for remote venting on motor fuel installations. Must be used in containers with a dip tube.



PV10A



PV10DRF

Item #	List	Description
PV10A	\$4.84	Liquid Level Vent Valve, 1/4" MPT
PV10B	\$7.36	Level Gauge DT= 12 1/4" MPT
PV10DRF	\$12.78	1/4" SAE F1 x 1/4" MPT

Multi-Purpose Valves for ASME Tanks



PV2033CLDB
Dual Bonnet®, one-piece bonnet and stem assembly for easy repair while the valve is fully open, so gas service is not interrupted. Repair kit number 3329-13LH-KIT



PV2030BC
Double back check valve-up to 200 lbs LPG capacity. Repair kit number 3329-13LH-KIT



PV2034CL
Same as the PV2033CL, but does not include a vapor return valve.



PV2035A Series
Up to 420 lbs LPG capacity. Repair kit number 3250-8LH-KIT.

Item #	List	Container Connection	Vapor Line Connection	Filler Valve Connection	Vapor Service Connection
PV2033CLDB	\$55.76	3/4"	1 1/4"m Acme	None	FPOL
PV2034CL	\$31.64	3/4"	None	None	FPOL
PV2030BC	\$50.22	3/4"	None	1 3/4" Acme	FPOL
PV2035A	\$92.22	3/4"	None	1 3/4" Acme	FPOL

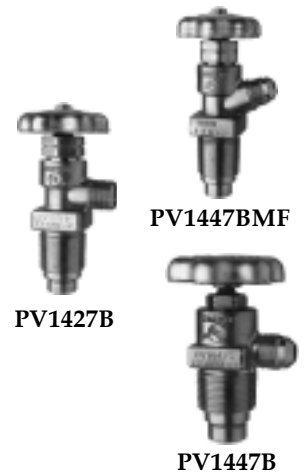
Service Valves.

Type PV1447B & PV1447BMF - These economical and durable series service valves provide vapor or liquid withdrawal service on ASME containers or DOT cylinders that contain a separate relief valve. The valves are identical except for the size or angle of their outlet connection. Type PV1447D and PV1447DMF include an internal hydrostatic relief.

Type PV1427- For vapor or liquid withdrawal from forklift truck containers.



Item #	List	Container Connection	Closing Flow	Application	Outlet Connection
PV1447BMF	\$26.12	3/4" MPT	1.7 GPM	Motor Fuel Tanks	SAE Flare Angled
PV1447DMF	\$40.06	3/4" MPT	1.7 GPM	Motor Fuel Tanks	SAE Flare Angled
PV1447B	\$24.10	3/4" MPT	1.7 GPM	Motor Fuel Tanks	SAE Flare Straight
PV1447D	\$34.04	3/4" MPT	1.7 GPM	Motor Fuel Tanks	SAE Flare Straight
PV1427B	\$15.52	3/4" MPT	1.7 GPM	Lift Truck Cylinders	3/8" MPT



Liquid Withdrawal and Transfer Valves

Liquid Withdrawal and Transfer Valves permit ASME tanks to be evacuated when it is necessary to move the tank from one location to another.

Item No.	List	Inlet	Outlet	Closing Flow	Excess Flow
PV51335	\$17.70	3/4" MPT	3/4" FPT	19.5 GPM	-
PV51355	\$27.22	1 1/4" MPT	3/4" FPT	19.5 GPM	-
PV2341	\$49.98	3/4" MPT	3/4" FPT	-	No
PV2341X	\$56.00	3/4" MPT	3/4" FPT	19.5 GPM	Yes
PA5133	\$10.84	3/4" MPT	3/4" FPT	-	-



*Repair kit #2341-200-KIT



Angle and Globe Valves

Fisher® Valves



Type N310 & N410 – Ball bearing valve disc construction gives a stronger connection to the stem to protect the disc under back-flow conditions. The ball bearings also permit the valve disc to stop rotating as soon as it touches the body seat, minimizing disc wear. All globe and angle valves listed service LP-gas and NH₃.

Type N350 & N450 – Valves for LP Gas service with many of the construction features of the N310s and N410s.

Angle Valve

Economy Item #	List	Inlet & Outlet
N450-04	\$104.32	1/2" FPT
N450-06	\$104.32	3/4" FPT

Heavy Duty Item #	List	Inlet & Outlet
N410-10	\$281.61	1 1/4" FPT
N410-12	\$463.93	1 1/2" FPT
N410-16	\$412.15	2" FPT
N410-24	\$2269.41	3" FPT



Globe Valve

Economy Item #	List	Inlet & Outlet
N350-04	\$104.32	1/2" FPT
N350-06	\$104.32	3/4" FPT

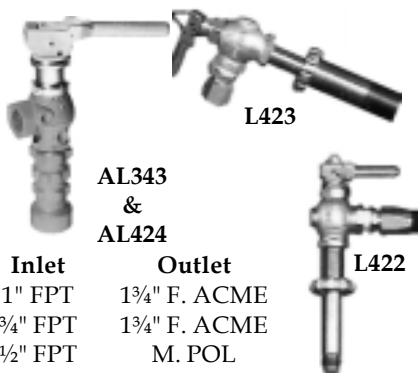
Heavy Duty Item #	List	Inlet & Outlet
N301-04	\$163.43	1/2" FPT
N301-06	\$163.43	3/4" FPT
N301-08	\$170.50	1" FPT
N310-10	\$281.61	1 1/4" FPT
N310-12	\$463.93	1 1/2" FPT
N310-16	\$442.15	2" FPT
N310-24	\$1352.88	3" FPT



Hose End Valves – Minimum Bleed*



Intended for NH₃ or LP Gas hose end service, these quick acting minimum bleed shutoff valves are available in angle body styles only.



Item#	List	Inlet	Outlet
AL343	\$380.78	1" FPT	1 3/4" F. ACME
AL424	\$372.90	3/4" FPT	1 3/4" F. ACME
L422	\$441.16	1/2" FPT	M. POL
L423	\$464.94	1/2" FPT	F. QCC

*Rota Seal Swivel for above valves on page 30.

Squibb Taylor® Valves



AL300 "Hi-Flo" Series –

Valves have a spring loaded chevron TFE "Vee" packing, a self-aligning seat disc retainer and a 1/4" FPT plugged side outlet.

The AL 400 "Economy" Series – Has one-piece TFE stem seal packing, a threaded bonnet, a ductile iron body with an aluminum bonnet, a working pressure of 400 psig WOG, and a 1/4" FPT side outlet (plugged).

Angle Valve

Economy Item #	List	Inlet & Outlet
AL411P	\$128.68	1/2" FPT
AL413P	\$128.42	3/4" FPT

Heavy Duty Item #	List	Inlet & Outlet
AL309P	\$128.08	3/4" FPT
AL311P	\$128.08	1" FPT
AL313P	\$234.76	1 1/4" FPT
AL317P	\$323.06	2" FPT



Globe Valve

Economy Item #	List	Inlet & Outlet
AL410P	\$103.04	1/2" FPT
AL412P	\$99.72	3/4" FPT

Heavy Duty Item #	List	Inlet & Outlet
AL308P	\$128.08	3/4" FPT
AL310P	\$124.42	1" FPT
AL312P	\$234.76	1 1/4" FPT
AL316P	\$323.06	2" FPT



Vapor or Liquid Service Valves



Part Numbers AL407 and AL409 are both service valves, and can be supplied with or without an excess flow valve. Valves are also used on bulk plant.

Item #	List	Container Connection	Outlet Connection
AL407P	\$91.82	3/4" MPT	1/2" FPT
AL407EP*	\$107.52	3/4" MPT	1/2" FPT
AL409P	\$96.72	3/4" MPT	3/4" FPT
AL409EP*	\$122.18	3/4" MPT	3/4" FPT



*E Denotes valve with excess flow.

Squibb Taylor® Quick Acting Hose End Valve



Item #	List	Inlet & Outlet Style
AL344P	\$269.02	1" FPT Globe
AL345P	\$269.02	1" FPT Angle
AL416P	\$153.12	1/2" FPT Globe
AL417P	\$153.12	3/4" FPT Globe



Relief Valves

Relief Valve Manifold

Type H500 Series Combo Joe®
 This relief valve manifold contains four standard style relief valves (Types H280) suitable for stationary storage tanks up to 30,000 gallons. The manifold allows for relief valve inspection without product evacuation of the tank.



H500

Item #	List	Tank Connection	Setting
H500-250	\$6301.16	4" 300 lb. ANSI RF Flange	250 PSIG
H510-250	\$6485.19	3" 300 lb. RF Mod. Flange	250 PSIG

True Internal Relief Valves

Primarily for bobtail and trucks transporting LP gas, or other compressed gases. Type H721 and Type H731 stainless steel relief valves resist rust and corrosion.



H721 or H731

Item #	List	Inlet	Setting
H721-250	\$352.74	2" MPT*	250 PSIG
H721-265	\$352.74	2" MPT*	265 PSIG
H721-275	\$352.74	2" MPT*	275 PSIG
H731-250	\$775.17	3" MPT**	250 PSIG
H731-265	\$775.17	3" MPT**	265 PSIG
H731-275	\$775.17	3" MPT**	275 PSIG

* Order Item# P304 (1½" Hexbar) installation wrench
 ** Order Item# P305 (2½" Hexbar) installation wrench
 - Gaseco has above wrenches for use with purchase of valve.

Internal Spring Relief Valves

The Type UV433A has sufficient capacity for domestic tanks up to 250 gallons W.C. For 500 gallon W.C. tanks, use the Type UV443A. The Type UV453A is for 1,000 gallon tanks.



*California setting is 275 psig.			Container Start-to-Discharge Setting (psig)
Item #	List	Connection	
UV433AM	\$33.20	¾"	250
UV433AC*	\$31.82	¾"	275
UV433AR	\$31.82	¾"	312
UV443AM	\$41.44	1"	250
UV443AC*	\$39.88	1"	275
UV443AR	\$39.88	1"	312
UV453AM	\$62.10	1¼"	250
UV453AC*	\$59.72	1¼"	275
UV453AR	\$59.72	1¼"	312

Full Internal Pressure Relief Valves



Pipe away adapters



UV445A Series –

Used as a pressure relief device on larger ASME engine fuel containers and recreational vehicle containers.

Item #	List	Setting	Inlet	Pipeaway Adaptor
UV445AM	\$23.32	250 PSIG	1" MPT	445-21
UV445AR	\$31.30	312 PSIG	1" MPT	445-21
PV445AT	\$23.22	375 PSIG	1" MPT	445-21
UV436AR	\$26.34	312 PSIG	¾" MPT	436-21
UV436AM	\$26.34	250 PSIG	¾" MPT	436-21
455-21	\$11.34			Pipe away adapters
436-21	\$11.34			Pipe away adapters

Full Internal Pressure Relief Valves for DOT Fork Lift Cylinders



Pipe away adapters



PV435A & PV435L –

Used on fork lift trucks and other power units with removable DOT cylinders with up to 100 lbs. LPG capacity.

Item	#List	Setting	Inlet	Pipeaway Adaptor
PV435A	\$11.10	375 PSIG	¾" MPT	435-90, 435-45
PV435L	\$22.76	375 PSIG	¾" MPT	435-90, 435-45
435-90	\$2.69			Pipe away adapters
435-45	\$2.78			Pipe away adapters
435-45C	\$1.28			Protective Rain Cap

Economy Hydrostatic Relief Valves



Ideal for relieving pressure in liquid piping systems in plants or on carburetion systems.

Item #	List	Inlet	Setting
H124	\$19.79	¼" MPT	450 psig
H144	\$35.66	½" MPT	450 psig
H174	\$35.66	¾" MPT	450 psig
P174	\$7.07	½" FPT	-



Hydrostatic Relief Valve



Item #	List	Inlet	Setting
PV3865	\$8.06	¼" MPT	400 PSIG



Relief Valves

Large Relief Valves

The H280 internal spring relief valve can be used in the Combo Joe relief valve manifold or as separate units on stationary or mobile ASME tanks. Mobile applications require a recessed coupling for protection against damage. The drain deflector is furnished as standard on the H280. Type P104-24 pipeway adaptor (3-inch FPT) is available for use with the H280 valve.



H280

Item #	List	Container Connection	Setting
H280-250*	\$487.48	2" MPT	250 PSIG
H280-275	\$487.48	2" MPT	275 PSIG

Diaphragm Type Relief Valves

Both the Type 1805 and Type 289H are diaphragm relief valves that protect piping downstream of a regulator from excessive pressure.



1805-13



289H/2

Item #	List	Body	Setting	Relief Pressure Range
1805-13	\$304.83	1" FPT	30 PSIG	10-60 PSIG
289H-2	\$863.68	2" FPT	1.5 PSIG	0.5-2.25 PSIG

External Relief Valves

Designed for use as a primary relief valve on ASME above ground and underground containers, bulk plant installations and skid tanks. All working parts of these valves are outside the container connection so they must be protected against physical damage.



H160-250

Item #	List	Setting	Container Connection
H110-250	\$19.79	250 PSIG	¼" MPT
H135-250	\$35.66	250 PSIG	½" MPT
H160-250	\$35.66	250 PSIG	¾" MPT
H185-250	\$63.98	250 PSIG	¾" MPT
H160-312	\$35.66	312 PSIG	¾" MPT
H173	\$35.66	375 PSIG	¾" MPT

Vapor Return Valves

Prevent excessive vapor pressure build-up during transfer operations by returning vapor from the container being filled to the supply tank. Bubble tight shutoff is provided by a soft seat in the upper back check. An excess flow check is located in the lower body.



PV1876

Type PV1876 - For motor fuel and domestic tank installations.

Item #	List	Container	Outlet
PV1876	\$29.26	¾" MPT	1¼" M. ACME
E125	\$114.94	1¼" MPT	1¼" M. ACME

Snappy Joe Emergency Shutoff Valves



N550 (Valve closed)



P327D



P327C



N562

For Bulk Plants

Type N550 – Provide a means of shutting off gas in the event of a hose rupture or piping break at the transfer area to avoid a large scale loss of LP Gas or NH3. The valves can be manually opened and closed at the installed location or closed remotely by either cable or air. A remote operating actuator is also available.

Item #	List	Body Size	LPG Flow in GPM
N550-10	\$581.53	1¼" FPT	75
N550-16	\$1306.96	2" FPT	115
N550-24	\$1767.48	3" FPT	275

For Railroad Tank Cars

Type N562 – Designed for attachment to the shutoff valves on railroad tank cars.

Item #	List	Nipple Length	Shutoff Valve Connection	Hose Connection
N562-26	\$2687.05	1.30"	2" MPT	3¼" M. ACME

Threaded Internal Valves

Fisher® offers the widest variety of threaded internal valves in the industry. The valves operate the same even though the body style or size may vary. Internal valves – both threaded and flanged versions – act as primary shutoff valves, excess flow valves and back pressure valves for flow from the storage tank. Refer to Fisher’s Bulletin LP-200 for complete information on the technical operation of internal valves and manifolding requirements.

While their most frequent use is in the liquid and vapor openings of bobtail and transport trucks, the valves can also be used in stationary storage tanks, complying with NFPA No. 58 requirements for protection of transfer hose or piping at bulk plants. All Fisher internal valves are suitable for LP gas or NH₃ service.

1 1/4 Body size

Type C407 - An excellent valve for vapor lines on bobtail trucks that meets compliance with MC-331 specifications. Other applications include use as a main valve on small capacity pumping systems, NH₃, nurse tanks, and in-line installations.

2" & 3" Body size

The C400 series – 2 and 3 inch NPT valves feature TFE packing for maximum resistance against stub shaft leakage.

Type C427 - The most economical unit in the series, it comes with straight through flow (one outlet). It can be used on bobtail, transport, stationary tank, and in-line installations.

Type C421 - This is designed with two outlets, bottom and side. The side outlet permits installing horizontal piping immediately adjacent to the tank without the need for extra pipe fittings. Either connection can be used for truck filling or withdrawal. The C421 is used primarily on bobtails and transports.

Type C402 - This construction has three side outlets and an integral strainer for pump protection. The three outlets allow convenient pump installation and also provide extra openings for tank evacuation. Another use for the C402 is in bulk plants for cylinder filling and truck loading from a single outlet.



C427



C407



C421



C402

Straight Body		Tee Body		Strainer Body		Connection Inlet x Outlet	Closing Flow GPM Propane		Vapor Capacity	
Item #	List	Item #	List	Item #	List		Half	Full	25 PSI Inlet	100PSI Outlet
C407-10-03	\$383.52	—	—	—	—	1-3/4" MPT x 1/4" FPT	30	—	5,600	9,300
C407-10-05	\$383.52	—	—	—	—	1-3/4" MPT x 1/4" FPT	50	35	7,800	13,200
C407-10-08	\$383.52	—	—	—	—	1-3/4" MPT x 1/4" FPT	80	65	11,200	19,200
C427-16-10	\$1014.11	C421-16-10	\$1274.31	C402-16-10	\$2788.74	2" MPT x 2" MPT	100	60	22,000	37,600
C427-16-15	\$1014.11	C421-16-15	\$1274.31	C402-16-15	\$2788.74	2" MPT x 2" MPT	150	90	32,000	54,500
C427-16-25	\$1014.11	C421-16-25	\$1274.31	C402-16-25	\$2788.74	2" MPT x 2" MPT	200	130	—	—
C427-24-15	\$1153.72	C421-24-158	\$1632.41	C402-24-15	\$3138.57	3" MPT x 3" MPT	150	100	29,200	49,700
C427-24-20	\$1153.72	C421-24-20	\$1632.41	C402-24-20	\$3138.57	3" MPT x 3" MPT	200	125	44,400	75,400
C427-24-25	\$1153.72	C421-24-25	\$1632.41	C402-24-25	\$3138.57	3" MPT x 3" MPT	250	165	52,600	89,400
C427-24-40	\$1153.72	C421-24-40	\$1632.41	C402-24-40	\$3138.57	3" MPT x 3" MPT	400	235	81,800	139,000
C427-24-50	\$1153.72	C421-24-50	\$1632.41	C402-24-50	\$3138.57	3" MPT x 3" MPT	500	325	—	—

Fisher® Cable Control Assemblies



P650

Type P650 – Includes primary control, a 20-foot cable, Type P134 fusible links, a return spring, and mounting hardware. Pulling the control handle opens the internal valve; pushing the handle closes the valve.

Type P163A & P164A – Auxiliary cable releases that allow the internal valve to be closed up to 25 feet (P163A) or up to 50 feet (P164A) from the primary control point.

Item #	List	Description
P650	\$311.75	Primary control and accessories.
P651	\$221.25	Primary control only.
P163A	\$212.23	Auxiliary cable releases up to 25'
P164A	\$264.11	Auxiliary cable releases up to 50'

Fisher® Air Cylinders

Type P326 – Featuring spring return design, the P326 series eliminates the need for an air return. The unique “rolled” cylinder diaphragm has a special seal that prevents air leakage and minimizes friction. A bellows covers the cylinder rod to keep mud, dirt, and foreign material off the rod.



P326

Type P389 – Used with the Type C407-10 only. Minimum pressure is 60 psig, maximum pressure is 250 psig.

Item #	List	Internal Valve No.
P326-6	\$478.13	C402, C421, or C427
P326-5	\$506.76	C403-24
P326-7	\$480.67	C404-24