

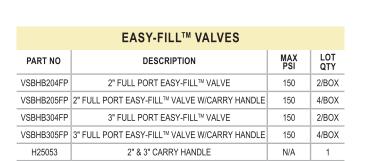


# **EASY-FILL™ VALVES**

# **FEATURES**

- Eliminates multiple fittings for fill applications
- Available in 2" and 3" sizes
- Full flow (full port) design
- Stubby valve configuration reducés profile
- Extended coupler prevents handle interference







JJ DOWNS INDUSTRIAL PLASTICS INC.

416.236.1884





1/4" -1" POLY MICRO VALVES

# **FEATURES**

- 90° rotating handle
- 90° locking, rotating handle (with asterisk \*)
- Precision molded polypropylene is reinforced with fiberglass for additional strength.
- Standard FKM seats and **O-Rings**



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	MICRO VALVES								
PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU BALL	LOT QTY				
LV025V	1/4" FEMALE NPT MICRO VALVE	300	1/4"	3/8"	10				
LV038V	3/8" FEMALE NPT MICRO VALVE	300	3/8"	3/8"	10				
LV050V	½" FEMALE NPT MICRO VALVE	300	1/2"	15/32"	10				
LV050SLV	½" SIDE LOAD MICRO VALVE	300	1/2"	1/2"	10				
LV050SLLV*	½" SIDE LOAD LOCKING MICRO VALVE	300	1/2"	15/32"	10				



	MICRO VALVES									
PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU	LOT QTY					
LVHB038V	3/8" HOSE BARB MICRO VALVE	300	3/8"	3/8"	10					
LVHB050V	½" HOSE BARB MICRO VALVE	300	1/2"	3/8"	10					
LVHB075V	3/4" HOSE BARB MICRO VALVE	300	3/4"	15/32"	10					



	MICRO VALVES								
PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU BALL	LOT QTY				
LV025MTV	1/4" FEMALE X MALE NPT MICRO VALVE	300	1/4"	3/8"	10				
LV038MTV	%"FEMALE X MALE NPT MICRO VALVE	300	3/8"	3/8"	10				
LV038050MTV	%" FEMALE X ½" MALE NPT MICRO VALVE	300	3/8" x 1/2"	3/8"	10				
LV038050MTLV*	%" FEMALE X ½" MALE NPT LOCKING MICRO VALVE	300	3/8" x 1/2"	3/8"	10				
LV050MTV	½"FEMALE X MALE NPT MICRO VALVE	300	1/2"	15/32"	10				
LV050100MTV	1/2" FEMALE X 1" MALE NPT MICRO VALVE	300	1/2"	15/32"	10				
LV050100MTLV*	½"FEMALE X 1" MALE NPT LOCKING MICRO VALVE	300	½" x 1"	15/32"	10				



	MICRO VALVES									
PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU BALL	LOT QTY					
LVHB038050MTV	3/8"HOSE BARB X 1/2" MALE NPT MICRO VALVE	300	1/2"	3/8"	10					
LVHB075MTV	3/4" HOSE BARB X 3/4" MALE NPT MICRO VALVE	300	3/4"	1/2"	10					
LVHB075100MTV	3/4" HOSE BARB X 1" MALE NPT MICRO VALVE	300	1"	15/32"	10					
LVHB075100MTLV	3/4" HOSE BARB X 1" MALE NPT LOCKING MICRO VALVE	300	1"	15/32"	10					



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MICRO VALVES								
PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU BALL	LOT QTY			
LVPL025V	1/4" FEMALE PUSH LOCK MICRO VALVE	300	1/4"	3/8"	10			
LVPL038V	3/8" FEMALE PUSH LOCK MICRO VALVE	150	3/8"	3/8"	10			





	4 BOLTED VALVES										
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT				
V050	½" FULL PORT VALVE	300	1/2"	3/4"	6	V10153A	N/A				
V075	3/4" FULL PORT VALVE	300	3/4"	3/4"	12	V10153A	N/A				
V100	1" STANDARD PORT VALVE	225	1"	3/4"	12	V10153A	N/A				
V100FP	1" FULL PORT VALVE	300	1"	1"	12	V10153A	V10200				
V125	11/4" STANDARD PORT VALVE	300	11/4"	1"	6	V10153A	V10200				
V125FP	11/4" FULL PORT VALVE	225	11/4"	1½"	6	V20153	N/A				
V150	1½" FULL PORT VALVE	225	1½"	1½"	6	V20153	N/A				
V200	2" STANDARD PORT VALVE	225	2"	1½"	12	V20153	N/A				

# 1/2" - 2" 4 BOLTED VALVES

# **FEATURES**

- FKM seals.
- Precision molded polypropylene is reinforced with fiberglass for additional strength.
- Self-aligning ball moves freely against the PTFE seats for smooth operation. The valve opens and closes with very little pressure on the handle.
- · Ball is diamond turned, after molding, to make it spherically perfect, which provides precise contact between ball and seats.
- PTFE self-lubricating stem bushings and seats cannot stick or bind.
- · Stainless steel bolts.

## **REPAIR KIT INCLUDES:**

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring







V25270

V25271



VALVE ACCESSORIES							
PART NO	DESCRIPTION	FITS VALVES	LOT				
VL20153	LOCKING DEVICE	V125, V150, V200	1				
V10270	STRAIGHT MOUNTING BRACKET	V100FP, V125	1				
V10271	90° MOUNTING BRACKET	V100FP, V125	1				
V25270	STRAIGHT MOUNTING BRACKET	V125FP, V150, V200	1				
V25271	90° MOUNTING BRACKET	V125FP, V150, V200	1				
V10153138	1" X 1%" HANDLE OFFSET	V100FP, V125	1				
V20153138	2" FP X 1%" HANDLE OFFSET	V125FP, V150, V200	10				
V25153138	2" FP X 1%" HANDLE OFFSET	V200FP	1				

# **VALVE ACCESSORIES**

## **FEATURES**

- 304 stainless steel construction
- · Installs under valve handle
- Comes complete with handle and locking device
- · Padlock not included



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# 2"-4" 6 BOLTED VALVES

# **FEATURES**

- FKM seals.
- · Precision molded polypropylene is reinforced with fiberglass for additional strength.
- Self-aligning ball moves freely against the PTFE seats for smooth operation. The valve opens and closes with very little pressure on the handle.
- Ball is diamond turned, after molding, to make it spherically perfect, which provides precise contact between ball and seats.
- PTFE self-lubricating stem bushings and seats cannot stick or bind.
- Stainless steel bolts.

## **REPAIR KIT INCLUDES:**

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring



6 BOLTED VALVES									
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT		
V200FP	2" FULL PORT VALVE	225	2"	2"	8/BOX	V25153	V25200		
VFMT200FP	2" FULL PORT VALVE W/ F ADAPTER	225	2"	2"	6/BOX	V25153	V25200		
V300	3" STANDARD PORT VALVE	225	3"	2½"	8/BOX	V25153	V30200		
V300FP	3" FULL PORT VALVE	200	3"	3"	6/BOX	V25153	V35200		
V400	4" STANDARD PORT VALVE	100	4"	31/2"	4/BOX	V25153	V40200		

# **VALVE ACCESSORIES**

## **FEATURES**

- Stainless steel hardware
- Locks in open and closed positions
- Locking handle replaces standard handle (sold separately)
- Padlock not included









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VALVE ACCESSORIES							
PART NO	DESCRIPTION	FITS VALVES	QTY				
VL25153	LOCKING HANDLE	V200FP, V300, V300FP, V400, VFMT200FP	1				
V25270	STRAIGHT MOUNTING BRACKET	V200FP, V300, V300FP, V400, VFMT200FP	1				
V25271	90° MOUNTING BRACKET	V200FP, V300, V300FP, V400, VFMT200FP	1				





	4 BOLTED FULL PORT VALVES								
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT		
VFMT204FP	2" FULL PORT VALVE MALE NPT X MALE ADAPTER	150	2"	2"	6/BOX	V25153	V25200		
V204FP	2" FULL PORT VALVE	150	2"	2"	8/BOX	V25153	V25200		





VSF200FPAF

FULL PORT ANSI FLANGE BOLTED VALVES							
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT
VSF200FPAF	2" FULL PORT VALVE MALE ADAPTER X 2" ANSI FLANGE	200	2"	2"	6/BOX	V25153SH	VS25200

# 2" FULL PORT 4 BOLTED **BALL VALVES**

## **FEATURES**

- FKM seals
- Stainless steel bolts
- PTFE self-lubricating stem bushings and seats cannot stick or bind
- Precision molded in fiberglass reinforced polypropylene
- Self-aligning ball moves freely against the PTFE seats for smoother operation
- Valve opens and closes with very little pressure on the handle
- Ball is diamond turned after molding to make it spherically perfect, which provides precise contact between ball and seats

# **REPAIR KIT INCLUDES:**

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring

# 2" FULL PORT ANSI **FLANGE BOLTED BALL VALVES**

## **FEATURES**

- 100% PTFE seats
- FKM seals
- Glass-filled polypropylene
- Unique compact design
- Lightweight
- Gaskets featured on page 73

# **REPAIR KIT INCLUDES:**

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring



# 2" STANDARD PORT STUBBY BALL VALVES

# **FEATURES**

- Stainless steel bolts
- · Glass reinforced polypropylene
- Multiple design options
- Unique patented compact design
- Lightweight
- All PTFE seals



VSFHB200



VSFMT200

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2" STANDARD PORT STUBBY VALVES									
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE			
VSF200	2" MALE ADAPTER X 2" FEMALE NPT	100	2"	11/2"	6	VS20152SH			
VSMT200	2" MALE NPT X 2" FEMALE NPT	100	2"	11/2"	6	VS20152SH			
VSFMT200	2" MALE ADAPTER X 2" MALE NPT	225	2"	11/2"	12	VS20152SH			
VSFHB200	2" MALE ADAPTER X 2" HOSE BARB	100	2"	11/2"	6	VS20152SH			

# 2" FULL PORT STUBBY BALL **VALVES**

# **FEATURES**

- Stainless steel bolts
- 100% PTFE ball seats
- Glass reinforced polypropylene
- Unique patented compact design
- Lightweight
- FKM body seals



VSF204FP



VSMT204FP







VSFMT204HSFP

# **REPAIR KIT INCLUDES:**

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring

	2" FULL PORT STUBBY VALVES										
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT				
VSMT204FP	2" MALE NPT X 2" FEMALE NPT	200	2"	2"	6	VS25153	VS25200				
VSF204FP	2" MALE ADAPTER X 2" FEMALE NPT	100	2"	2"	6	VS25153	VS25200				
VS204FP	2" FEMALE NPT X 2" FEMALE NPT	225	2"	2"	6	VS25153	VS25200				
VSFMT204FP	2" MALE ADAPTER X 2" MALE NPT	150	2"	2"	6	VS25153	VS25200				
VSFMT204HSFP	2" FP MALE ADAPTER X 2" MALE NPT W/ SS BALL, STEM & HANDLE	150	2"	2"	6	N/A	VSSH25200				



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# 3" STANDARD PORT STUBBY **BALL VALVES**

# **FEATURES**

- Stainless steel bolts
- Glass reinforced polypropylene
- FKM body seals
- Unique patented compact design
- Lightweight
- All PTFE seats
- Note: If repair kits not listed, components available.



	3" STANDARD PORT STUBBY VALVES										
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE STRAIGHT	REPLACEMENT HANDLE SHORT				
VSF300	3" FEMALE NPT X 3" MALE ADAPTER	100	3"	21/2"	6/BOX	V25153	V25153SH				
VSMT300	3" FEMALE NPT X 3" MALE NPT	100	3"	21/2"	6/BOX	V25153	V25153SH				
VSFMT300	3" MALE NPT X 3" MALE ADAPTER	225	3"	21/2"	6/BOX	V25153	V25153SH				

# 3" FULL PORT STUBBY BALL **VALVES**

## **FEATURES**

- Stainless steel bolts
- Glass reinforced polypropylene
- FKM body seals
- Unique patented compact design
- Lightweight
- · All PTFE ball seats
- Note: If repair kits not listed, components available.





3" FULL PORT STUBBY VALVES									
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE			
VSFMT300FP	3" FULL PORT MALE ADAPTER X 3" MALE NPT	100	3"	3"	6/BOX	V25153			
VSFMT300HSFP	3" FULL PORT MALE ADAPTER X 3" MALE NPT W/SS BALL, STEM & HANDLE	100	3"	3"	6/BOX	VS30153SS			



# V100BL





V200BL

# 3 WAY BOTTOM LOAD VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	HANDLE TYPE	REPLACEMENT HANDLE
V075BL	¾" 3-WAY BOTTOM LOAD VALVE	200	3/4"	1"	6	Т	N/A
V100BL	1" FP 3-WAY BOTTOM LOAD VALVE	225	1"	1"	6	Т	N/A
V125BL	11/4" 3-WAY BOTTOM LOAD VALVE	300	11/4"	11/2"	6	T	V20353TB
V150BL	1½" FP 3-WAY BOTTOM LOAD VALVE	225	1½"	1½"	6	Т	V20353TB
V200BL	2" FP 3-WAY BOTTOM LOAD VALVE	200	2"	2"	8/BOX	STRAIGHT	V25353B

# 3 WAY BOTTOM LOAD **BALL VALVES**

## **FEATURES**

- · Stainless steel bolts
- Precision molded in fiberglass reinforced polypropylene for additional strength
- Self-aligning ball moves freely against the PTFE seats for smooth operation
- Ball is diamond turned after molding to make it spherically perfect, which provides precise contact between ball and seats
- PTFE self-lubricating stem bushings and seats
- FKM body seals
- Directional flow, right or left. Valve can be turned off to stop



# 3 WAY SIDE LOAD **BALL VALVES**

# **FEATURES**

- Stainless steel bolts
- Precision molded in fiberglass reinforced polypropylene for additional strength
- Self-aligning ball moves freely against the PTFE seats for smooth operation
- Ball is diamond turned after molding to make it spherically perfect, which provides precise contact between ball and seats
- PTFE self-lubricating stem bushings and seats
- FKM body seals
- Directional flow, right or left. Valve cannot be turned off to stop flow



V100SL





V150SL

	3 WAY SIDE LOAD VALVES											
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	HANDLE TYPE	REPLACEMENT HANDLE	REPAIR KIT				
V075SL	3/4" 3-WAY SIDE LOAD VALVE	200	3/4"	1"	6	STRAIGHT	V10153A	V10300SL				
V100SL	1" FP 3-WAY SIDE LOAD VALVE	200	1"	1"	6	STRAIGHT	V10153A	V10300SL				
V125SL	11/4" 3-WAY SIDE LOAD VALVE	300	11/4"	11/2"	6	Т	N/A	V15300SL				
V150SL	11/2" FP 3-WAY SIDE LOAD VALVE	225	1½"	1½"	6	Т	N/A	V15300SL				
V200SL	2" FP 3-WAY SIDE LOAD VALVE	225	2"	2"	8/BOX	STRAIGHT	V25153SH	V25200BL				



11/2" - 2" NOZZLE VALVES

# **FEATURES**

- Lightweight hose end valve for convenient transfer of liquids into drums, tanks etc
- Angled end flange with 8" long polypropylene fill spout
- · All stainless steel bolts



	1½"-2" NOZZLE VALVES										
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	FEMALE NPT	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT			
VA150	1½" NOZZLE VALVE WITH 90° ELBOW	225	1½" x 8"	11/2"	11/2"	6	V20152	N/A			
VA200	2" NOZZLE VALVE WITH 90° ELBOW	200	2" x 8"	11/2"	2"	6	V20152	N/A			
VA200FP	2" FP NOZZLE VALVE WITH 90° ELBOW	225	2" x 8"	2"	2"	6/BOX	V25152	V25200			

# 1" DISPENSING NOZZLES

## **FEATURES**

- Glass reinforced polypropylene
- 304 stainless steel handle, spring and pin
- FKM rubber parts only
- · Resists corrosion



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VN100 V10161

1" DISPENSING NOZZLE									
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	FEMALE NPT	QTY	REPAIR KIT		
VN100	1" DISPENSING NOZZLE	150	1"	N/A	1"	1	VN10200		
V10161	1" NOZZLE PIPE FOR USE WITH V100, V100FP, UV100FP, SUV100FP	N/A	1"	N/A	1"	1	N/A		



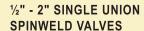




SUV125FP

MSUV100FP

	1/2"-2" SINGLE UNION SPINWELD VALVES									
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY					
SUV050FP	½" FULL PORT SINGLE UNION SPINWELD VALVE	300	1/2"	1/2"	10					
SUV075FP	$^3\!\!4$ " FULL PORT SINGLE UNION SPINWELD VALVE	300	3/4"	3/4"	10					
SUV100FP	1" FULL PORT SINGLE UNION SPINWELD VALVE	300	1"	1"	10					
SUV125FP	11/4" FULL PORT SINGLE UNION SPINWELD VALVE	300	11/4"	11/4"	10					
SUV150FP	1½" FULL PORT SINGLE UNION SPINWELD VALVE	300	1½"	11/2"	10					
SUV200FP	2" FULL PORT SINGLE UNION SPINWELD VALVE	200	2"	2"	10					
MSUV100FP	1" MANIFOLD FULL PORT SINGLE UNION SPINWELD VALVE	300		1"	10					



# **FEATURES**

- Precision molded in glass reinforced polypropylene for strength and chemical resistance
- PTFE seats for smooth and proper sealing characteristics
- EPDM O-rings to handle most fertilizers and many chemicals
- Double O-rings in stem area for extra sealing protection
- Interlocking body and end plate to allow easy thread connection when installing valves



	1/2"-2" SINGLE UNION VALVES										
PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY						
UV050FP	½" FULL PORT SINGLE UNION VALVE	300	1/2"	3/4"	10						
UV075FP	¾" FULL PORT SINGLE UNION VALVE	300	3/4"	3/4"	10						
UV100FP	1" FULL PORT SINGLE UNION VALVE	300	1"	1"	10						
UV125FP	11/4" FULL PORT SINGLE UNION VALVE	225	11/4"	11/4"	10						
UV150FP	1½" FULL PORT SINGLE UNION VALVE	200	1½"	1½"	10						
UV200FP	2" FULL PORT SINGLE UNION VALVE	300	2"	2"	10						

# 1/2" - 2" SINGLE UNION VALVES

# **FEATURES**

- Precision molded in glass reinforced polypropylene for strength and chemical resistance
- PTFE seats for smooth and proper sealing characteristics
- · Double O-rings in stem area for extra sealing protection
- Interlocking body and end plate to allow easy thread connection when installing valves





# 1/2" - 3" CHECK VALVES

### **FEATURES**

- One piece construction
- · Glass reinforced polypropylene
- 316 stainless steel springs
- EPDM gasket



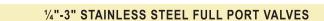


	1/2"-3" CHECK VALVES										
PART NO	DESCRIPTION	OPENING PRESSURE PSI	MAX PSI	PIPE SIZE	LOT QTY						
CV050	½" CHECK VALVE	6-7	300	1/2"	10						
CV100MT	1" MALE X FEMALE NPT CHECK VALVE	1	300	1"	10						
CV100	1" CHECK VALVE	1	300	1"	10						
CV221	2" FULL PORT CHECK VALVE	>0.5	300	2"	10						
CV300	3" FULL PORT CHECK VALVE W/ 5 LB SPRING	1.5	300	3"	1						
CV301	3" FULL PORT CHECK VALVE W/1/2 LB SPRING	>0.5	N/A	3"	1						

# 1/4" - 3" STAINLESS STEEL **FULL PORT VALVES**

# **FEATURES**

- 316 stainless steel
- Blow out proof stem
- All valves 100% tested by air, under water at 100 PSI in open and closed positions
- Latch locking handle performs in both open and closed positions
- Mounting pad
- PTFE seals and seats



PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	REPAIR KIT
VSS025	1/4" SS FULL PORT VALVE	1000	1/4"	1/4"	1	VSS02500
VSS038	%" SS FULL PORT VALVE	1000	3/8"	3/8"	1	VSS02500
VSS050	½" SS FULL PORT VALVE	1000	1/2"	1/2"	1	VSS05200
VSS075	3/4" SS FULL PORT VALVE	1000	3/4"	3/4"	1	VSS07200
VSS100	1" SS FULL PORT VALVE	1000	1"	1"	1	VSS10200
VSS150	1½" SS FULL PORT VALVE	1000	1½"	11/2"	1	VSS15200
VSS200	2" SS FULL PORT VALVE	1000	2"	2"	1	VSS25200
VSS300	3" SS FULL PORT VALVE	1000	3"	3"	1	VSS35200

# 3/4" - 1" PINCH VALVES

## **FEATURES**

- Open position allows full unobstructed flow of 50-60
- · Air pressure collapses the internal rubber sleeve to provide positive shut off
- Standard EPDM rubber bladder seal and FKM available
- Female NPT threads
- ATTENTION: Normally an open valve and has a maximum liquid pressure of 70 PSI. Pressure differential = pressure it takes to close valve



	3/4"-1" PINCH VALVES										
PART NO	DESCRIPTION	GASKET	MAX PSI	PIPE SIZE	PRESSURE DIFFERENTIAL	LOT QTY					
PV075	3/4" X 3/4" PINCH VALVE	EPDM	300	3/4"	15 TO 20 PSI	10					
PV100	1" X 1" PINCH VALVE	EPDM	300	1"	15 TO 20 PSI	1					
PV100-075	1" X ¾" PINCH VALVE	EPDM	300	1" X ¾"	15 TO 20 PSI	10					
PV100-075V	1" X ¾" PINCH VALVE	FKM	300	1" X ¾"	15 TO 20 PSI	1					
PV10265	BLADDER	EPDM	N/A			1					
PV10265V	BLADDER	FKM	N/A			1					

