

## Features: Ball Valves

- Full Ported
- Forged Brass Construction
- Port sizes range: 1/8 NPT to 2 NPT
- Quarter turn full open
- Steel handle with vinyl grip
- Plastic wedge handle
- Lockout style available  
(PCADV-\*, PCLBV-\* & PCMLBV-\*)



### PCHBV-\*

(F x F)



### PCMBV-\*

(M x F)



Lloyd's ref. ISO9002  
UL-CGA-CSA-CUL-FM-AGA  
American Gas Association Certified  
ANSI B.1..20.1 threaded ends  
Silicone free lubricant on all seals-  
maintenance free



### PCADV-\*

(F x F)

OSHA Standard paragraph 1910-147  
10-32 UNF threaded exhaust for down-  
stream depressurization  
Lockout handle helps eliminate unau-  
thorized adjustment

### PCFPC-\*

(F x F)



### PCMPC-\*

(M x F)



Non-coded general purpose ball valve  
Standard quarter turn operation-ideal  
for controlling flow

### PCSBV-\*

(F x F)



### PCSMV-\*

(M x F)



UL Listed in accordance with UL207  
standard for use in refrigerant service  
Double seal allows valve to be operated  
in both directions for ease in installation



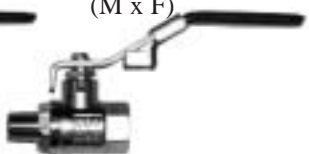
### PCLBV-\*

(F x F)



### PCMLBV-\*

(M x F)



Non-coded general purpose ball valve  
Features lockout handle- helps elimi-  
nate unauthorized adjustment

\* Refer to **Ordering Information**, page 6, to select connector size.

*Specifications*

Product	Operating Pressure (max. psi)	Temp. Range	Media	Materials
<b>PCHBV-*</b> (F x F)	600 psi CWP-WOG	-40°F to +350°F	150 psi working steam pressure	Forged brass body, nickel plated brass stem, hard chrome plated brass ball, dichromate plated steel handle with vinyl grip Seals: PTFE, fluorocarbon elastomer
<b>PCMBV-*</b> (M x F)	600 psi CWP-WOG	-40°F to +350°F	150 psi working steam pressure	Same as PCHBV with PTFE adjustable packing gland
<b>PCADV-*</b> (F x F)	125 psi	-40°F to +350°F	Air and fluids compatible with materials of construction	Forged brass body, brass stem, hard chrome plated brass ball, dichromate plated tamper proof lockable (closed position) handle
<b>PCFPC-*</b> (F x F)	600 psi CWP-WOG	-20°F to +350°F	125 psi working steam pressure	Forged brass body, chrome plated body, hard chrome plated brass ball, steel handle with vinyl grip Seals: PTFE
<b>PCMPC-*</b> (M x F)				
<b>PCSBV-*</b> (F x F)	450 psi	+250°F maximum	Air and fluids compatible with materials of construction	One piece extruded sand blasted brass body, chrome plated, blow out proof brass stem, hard chrome plated brass ball, wedge handle Seals: PTFE, fluorocarbon elastomer
<b>PCSMV-*</b> (M x F)				
<b>PCLBV-*</b> (F x F)	600 psi CWP-WOG	-20°F to +350°F	125 psi working steam pressure	Forged brass chrome plated body, hard chrome plated brass ball, <b>lockable</b> steel handle with vinyl grip Seals: PTFE
<b>PCMLBV-*</b> (M x F)				

## Ordering Information

- All ball valves are sold individually.
- Please refer to product listing for part number.

### Full Port (Coded) UL Listed

Part No.	NPT (F)	NPT (F)	Pkg
<b>PCHBV-04</b>	1/4	1/4	1
<b>PCHBV-06</b>	3/8	3/8	1
<b>PCHBV-08</b>	1/2	1/2	1
<b>PCHBV-12</b>	3/4	3/4	1
<b>PCHBV-16</b>	1	1	1
<b>PCHBV-20</b>	1-1/4	1-1/4	1
<b>PCHBV-24</b>	1-1/2	1-1/2	1
<b>PCHBV-32</b>	2	2	1

Part No.	NPT (M)	NPT (F)	Pkg
<b>PCMBV-04</b>	1/4	1/4	1
<b>PCMBV-06</b>	3/8	3/8	1
<b>PCMBV-08</b>	1/2	1/2	1
<b>PCMBV-12</b>	3/4	3/4	1
<b>PCMBV-16</b>	1	1	1
<b>PCMBV-20</b>	1-1/4	1-1/4	1
<b>PCMBV-24</b>	1-1/2	1-1/2	1
<b>PCMBV-32</b>	2	2	1

### Down Stream Venting (Brass)

Part No.	NPT (F)	NPT (F)	Pkg
<b>PCADV-04</b>	1/4	1/4	1
<b>PCADV-06</b>	3/8	3/8	1
<b>PCADV-08</b>	1/2	1/2	1
<b>PCADV-12</b>	3/4	3/4	1
<b>PCADV-16</b>	1	1	1
<b>PCADV-20</b>	1-1/4	1-1/4	1
<b>PCADV-24</b>	1-1/2	1-1/2	1
<b>PCADV-32</b>	2	2	1

### Full Port Chrome (Chrome/Brass)

Part No.	NPT (F)	NPT (F)	Pkg
<b>PCFPC-04</b>	1/4	1/4	1
<b>PCFPC-06</b>	3/8	3/8	1
<b>PCFPC-08</b>	1/2	1/2	1
<b>PCFPC-12</b>	3/4	3/4	1
<b>PCFPC-16</b>	1	1	1
<b>PCFPC-20</b>	1-1/4	1-1/4	1
<b>PCFPC-24</b>	1-1/2	1-1/2	1

Part No.	NPT (M)	NPT (F)	Pkg
<b>PCMPC-04</b>	1/4	1/4	1
<b>PCMPC-06</b>	3/8	3/8	1
<b>PCMPC-08</b>	1/2	1/2	1
<b>PCMPC-12</b>	3/4	3/4	1
<b>PCMPC-16</b>	1	1	1

### Chrome Plated Mini

Part No.	NPT (F)	NPT (F)	Pkg
<b>PCSBV-02</b>	1/8	1/8	1
<b>PCSBV-04</b>	1/4	1/4	1
<b>PCSBV-06</b>	3/8	3/8	1
<b>PCSBV-08</b>	1/2	1/2	1

Part No.	NPT (M)	NPT (F)	Pkg
<b>PCSMV-02</b>	1/8	1/8	1
<b>PCSMV-04</b>	1/4	1/4	1
<b>PCSMV-06</b>	3/8	3/8	1
<b>PCSMV-08</b>	1/2	1/2	1

### Lock Out Full Port Chrome/Brass

Part No.	NPT (F)	NPT (F)	Pkg
<b>PCLBV-04</b>	1/4	1/4	1
<b>PCLBV-06</b>	3/8	3/8	1
<b>PCLBV-08</b>	1/2	1/2	1
<b>PCLBV-12</b>	3/4	3/4	1
<b>PCLBV-16</b>	1	1	1

Part No.	NPT (M)	NPT (F)	Pkg
<b>PCMLBV-04</b>	1/4	1/4	1
<b>PCMLBV-06</b>	3/8	3/8	1
<b>PCMLBV-08</b>	1/2	1/2	1
<b>PCMLBV-12</b>	3/4	3/4	1
<b>PCMLBV-16</b>	1	1	1

**Product Availability: Ball Valves**

Code	02	04	06	08	12	16	20	24	32
Size NPT	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
PCHBV		■	■	■	■	■	■	■	■
PCMBV		■	■	■	■	■	■	■	■
PCADV		■	■	■	■	■	■	■	■
PCFPC		■	■	■	■	■	■	■	
PCMPC		■	■	■	■	■			
PCSBV	■	■	■	■					
PCSMV	■	■	■	■					
PCLBV		■	■	■	■	■			
PCMLBV		■	■	■	■	■			

■ Indicates available product



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Master WAIRhouse®**



Polyconn, in conjunction with its sister companies, offers many years of expertise and experience in the design and manufacture of specialty products and components for the fluid control industry.

Our centrally located midwest warehouse speeds product to all points in the U.S., Canada and Mexico. Our computerized shipping and direct UPS link insures rapid response times when orders are placed.

## Features: Plastic Shut off Valves

- For use with potable water
- Provided with Push-to-connect style fittings at no additional cost
- Additional sizes now available\*
- Metric sizes available (contact factory)



The Polyconn plastic shut off valve body is fabricated from food grade white acetal copolymer (polypropylene available- contact factory) Seals are nitrile rubber (EPDM also available- contact factory). The collet is also food grade polypropylene with stainless steel teeth.

## Specifications

Product	Water Pressure (psi)		Working (water) Temp.	Media
	5/32"-5/16" ID	3/8"-1/2" ID		
<b>Plastic Shut off</b>	230	170	-20°F to +185°F	For use with potable water

Part Number	OAL	Height	Connection
<b>PCMSV-44</b>	2.20	1.48	1/4 NPT x 1/4 PUSH-IN
<b>PCMSV-66</b>	2.47	1.70	3/8 NPT x 3/8 PUSH-IN
* <b>PCMSV-88</b>	2.81	1.80	1/2 NPT x 1/2 PUSH-IN
<b>PCPSV-44</b>	1.88	1.48	1/4 PUSH-IN x 1/4 PUSH-IN
<b>PCPSV-66</b>	2.28	1.70	3/8 PUSH-IN x 3/8 PUSH-IN
* <b>PCPSV-88</b>	2.61	1.80	1/2 PUSH-IN x 1/2 PUSH-IN

Not for use with compressed air, petroleum spirits, fuels, explosive gases or for heating systems.

**Ordering Information**

**Plastic Shut Off Valves**

Part No.	Connection	Pkg
<b>PCMSV-44</b>	1/4 NPT (M) x 1/4 PI	1
<b>PCPSV-44</b>	1/4 PI x 1/4 PI	1
<b>PCMSV-66</b>	3/8 NPT (M) x 3/8 PI	1
<b>PCPSV-66</b>	3/8 PI x 3/8 PI	1
<b>PCMSV-88</b>	1/2 NPT (M) x 1/2 PI	1
<b>PCPSV-88</b>	1/2 PI x 1/2 PI	1

- All plastic shut off valves are sold individually.
- Contact factory for configurations not listed.
- Contact factory for use with other potable liquids.



*Quick Guide*

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**Value added services** such as:

**Kitware®** Customized product grouping for distribution, Service kits, Product installation kits, and Production kits for OEM's

**Shipments**

JIT Just-in-Time shipping, Drop Ship directly to your job site or alternate location/factory

**Custom Product Design**

*Specially designed Valves, Cylinders, Manifolds, and Tubing configurations* for OEM Markets