



# SECTION 3

## PLUMBING VALVES



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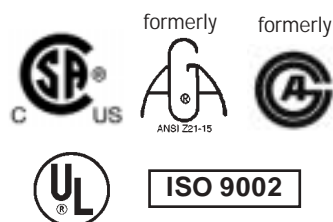




# Ball Valves - Brass



HFBV6 Series



MATERIAL SPECIFICATIONS	
Handle nut	Zinc Coated Steel
Handle	Zinc Coated Steel
Gland Follower	Forged Brass
Stem Packing	Teflon®
Ball	Chrome Plated Brass
Seats	Teflon®
Body	Forged Brass
End Adapter	Forged Brass

Teflon® is a Dupont registered trademark

## Forged Brass Heavy Pattern Full Port Ball Valve Features:

- Heavy pattern forged brass construction.
- Full port allows maximum flow & minimum pressure drop or turbulence.
- Teflon® seats, chrome plated brass ball.
- Teflon® stem packing with adjustable gland follower.
- Blow out proof stem design.
- 600 PSI W.O.G. non-shock; 150 PSI S.W.P.
- CSA Certified (Formerly AGA , CGA), UL Listed.
- Imported, Manufactured for American Granby in an ISO 9002 facility.

DIMENSIONS (IN.)	SIZE	A (TxT)	A (SxS)	B	C	D
	1/4"	1.81	-	1.50	.40	3.19
	3/8"	1.87	-	1.50	.40	3.19
	1/2"	2.29	2.20	2.07	.60	3.64
	3/4"	2.61	2.84	2.29	.79	4.41
	1"	3.05	3.41	2.48	.99	4.41
	1 1/4"	3.51	3.90	2.90	1.26	5.63
	1 1/2"	3.92	4.60	3.14	1.58	5.93
	2"	4.62	5.48	3.74	1.97	6.38
	2 1/2"	5.43	-	4.59	2.36	7.99
	3"	6.36	-	5.20	2.91	11.02
	4"	7.13	-	5.91	3.70	11.02

Part Number	Size	Ctn/Case Qty	List Price Threaded	Part Number	List Price Sweat
HFBV6-25T	1/4"	12/144	\$ 7.39		
HFBV6-38T	3/8"	12/144	7.39		
HFBV6-50T	1/2"	10/100	7.39	HFBV6-50S	\$ 8.14
HFBV6-75T	3/4"	5/60	10.54	HFBV6-75S	11.54
HFBV6-100T	1"	5/40	15.54	HFBV6-100S	16.64
HFBV6-125T	1- 1/4"	4/32	27.50	HFBV6-125S	28.29
HFBV6-150T	1-1/2"	4/24	38.89	HFBV6-150S	40.54
HFBV6-200T	2"	2/16	58.89	HFBV6-200S	61.04
HFBV6-250T	2-1/2"	1/6	191.61		
HFBV6-300T	3"	6	272.21		
HFBV6-400T	4"	4	491.07		



HDBV Series

ISO 9002

MATERIAL SPECIFICATIONS and DIMENSIONS
Same as HFBV6 Series above

## Forged Brass Heavy Pattern Full Port Drainable Ball Valve Features:

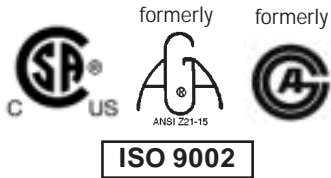
- Heavy pattern forged brass construction.
- Full port allows maximum flow & minimum pressure drop or turbulence.
- Drain feature allows water line to be drained to prevent freeze-up.
- Teflon® seats, chrome plated brass ball.
- Teflon® stem packing with adjustable gland follower.
- Blow out proof stem design.
- 600 PSI W.O.G. non-shock.
- Imported, Manufactured for American Granby in an ISO 9002 facility.

Threaded Part Number	Sweat Part Number	Size	Ctn/Case Qty	List Price
-	HDBV50S	1/2"	10/100	\$ 10.00
HDBV75T	HDBV75S	3/4"	5/60	12.96
HDBV100T	HDBV100S	1"	5/40	18.60

# Ball Valves - Brass



RFBV6 Series



MATERIAL SPECIFICATIONS	
Handle nut	Zinc Coated Steel
Handle	Zinc Coated Steel
Stem O-rings	NBR
Stem	Forged Brass
Ball	Chrome Plated Brass
Seats	Teflon®
Body	Forged Brass
End Adapter	Forged Brass

Teflon® is a Dupont registered trademark

## Forged Brass Regular Pattern Full Port Ball Valve Features:

- Regular pattern forged brass construction.
- Full port allows maximum flow & minimum pressure drop or turbulence.
- Teflon® seats, chrome plated brass ball.
- Double o-ring stem seal.
- Blow out proof stem design.
- 600 PSI W.O.G. non-shock; 150 PSI S.W.P.
- CSA certified (formerly AGA, CGA)
- Imported. Manufactured for American Granby in an ISO 9002 facility.

DIMENSIONS (IN.)	SIZE	A (TxT)	A (SxS)	B	C	D
	1/2"	2.02	2.02	2.07	.55	3.66
	3/4"	2.26	2.62	2.26	.73	3.66
	1"	2.69	3.15	2.44	.93	4.41
	1 1/4"	3.12	3.50	2.60	1.18	4.41
	1 1/2"	3.57	4.02	3.03	1.46	5.63
	2"	4.13	4.92	3.21	1.85	5.63

Threaded Part Number	Sweat Part Number	Size	Ctn/Case Qty	List Price
RFBV6-50T	RFBV6-50S	1/2"	10/100	\$ 6.36
RFBV6-75T	RFBV6-75S	3/4"	5/60	7.96
RFBV6-100T	RFBV6-100S	1"	5/40	11.54
RFBV6-125T	RFBV6-125S	1 1/4"	4/32	22.00
RFBV6-150T	RFBV6-150S	1 1/2"	4/20	31.04
RFBV6-200T	RFBV6-200S	2"	2/16	46.82



IBV Series

ISO 9002

MATERIAL SPECIFICATIONS	
Handle Nut	Zinc Coated Steel
Handle	Zinc Coated Steel
Stem O-Rings	NBR
Stem	Forged Brass
Ball	Chrome Plated Brass
Seats	Teflon®
Body	Forged Brass
End Adapter	Forged Brass

Teflon® is a Dupont registered trademark

## Forged Brass Regular Pattern Conventional Port Ball Valve Features:

- Regular pattern forged brass construction.
- Conventional port with excellent flow characteristics compared with other valves in its class.
- Teflon® seats, chrome plated brass ball.
- Double o-ring stem seal.
- Blow-out proof stem design.
- 400 PSI W.O.G non-shock, 125 PSI S.W.P.
- Imported. Manufactured for American Granby in an ISO 9002 facility.

DIMENSIONS (IN.)	SIZE	A (TxT)	A (SxS)	B	C	D
	1/2"	1.83	1.97	1.54	.39	3.19
	3/4"	2.09	2.44	2.09	.59	3.64
	1"	2.40	2.95	2.20	.79	3.64
	1 1/4"	2.76	3.35	2.36	.98	3.64
	1 1/2"	3.27	4.00	2.64	1.26	4.41
	2"	3.82	4.82	3.15	1.57	5.63

Threaded Part Number	Sweat Part Number	Size	Ctn/Case Qty	List Price
IBV50T	IBV50S	1/2"	16/128	\$ 5.57
IBV75T	IBV75S	3/4"	10/100	7.21
IBV100T	IBV100S	1"	12/48	10.36
IBV125T	IBV125S	1-1/4"	8/32	20.46
IBV150T	IBV150S	1-1/2"	6/24	24.93
IBV200T	IBV200S	2"	4/16	32.57



# Ball Valves - Gas



HGBVL Series

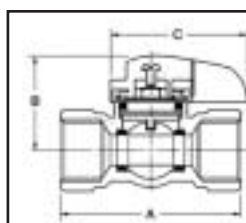


HGBVT Series



## Forged Brass Gas Ball Valve Features:

- Heavy duty two piece forged brass body.
- For use with natural, manufactured, mixed, liquified petroleum and LP gas/air mixtures.
- Meets ANSI standard Z21.15 for use as a gas appliance connector valve (1/2 lb. system).
- CSA, US/AGA 3-88 and CSA CANADA CR91-002 certified for use in house piping systems (2 lb. system).
- UL Listed 757X for fire protection.
- Pressure rated at 175 psi W.O.G. non-shock.
- Imported, Manufactured for American Granby in an ISO 9002 facility.



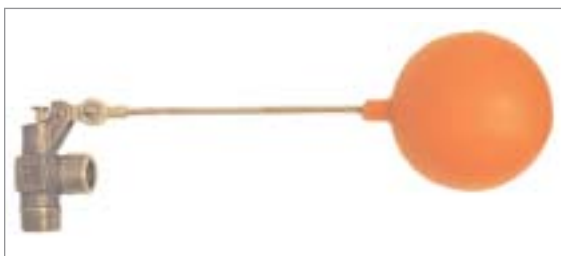
DIMENSIONS (IN.)				BTU
SIZE	A	B	C	Capacity/Hr.
1/2"	2.21	1.46	1.81	295,000
3/4"	2.38	1.75	1.81	795,000
1"	2.91	1.89	1.81	1,200,000

## MATERIAL SPECIFICATIONS

Handle Screw	Steel
Handle	Aluminum
Stem O-Rings	NBR
Stem	Forged Brass
Ball	Chrome Plated Brass
Seats	Teflon®
Body	Forged Brass
End Adapter	Forged Brass

Teflon® is a Dupont registered trademark

Lever Style Part Number	Tee Style Part Number	Size t x t	Ctn/Case Qty	List Price
HGBVL50T	HGBVT50T	1/2"	12/144	\$ 5.13
HGBVL75T	HGBVT75T	3/4"	12/96	7.11
HGBVL100T	HGBVT100T	1"	6/96	11.25



BFV Series

## Bronze Float Valve Features:

- Cast bronze body
- Buna-N Disc
- Heavy Duty
- Tapped for 1/4"-20SAE rod
- Threaded outlet
- Rated at 125 psi

Part Number	Size	Inlet	Outlet	Tapped	Ctn Qty	List Price
BFV1/2	1/2"	1/2" mpt	1/2" mpt	1/4"-20SAE	10	\$ 14.39
BFV3/4	3/4"	3/4" mpt	3/4" mpt	1/4"-20SAE	10	17.47
BFV1	1"	1" mpt	1" mpt	1/4"-20SAE	10	26.97



BFVR Series

## Brass Rods Features:

- Brass SAE
- Male thread both ends

Part Number	Length	Thread	Fits Valve Size	Ctn Qty	List Price
BFVR8	8"	1/4"-20SAE	1/2" - 1"	100	\$ 6.97
BFVR10	10"	1/4"-20SAE	1/2" - 1"	100	8.07
BFVR12	12"	1/4"-20SAE	1/2" - 1"	100	9.04



BFVFP Series

## Plastic Float Features:

- PVC
- Corrosion resistant
- Lightweight
- Up to 175° F
- For open tank service only

Part Number	Float Diam.	Buoyancy	Female Connection	Ctn Qty	List Price
BFVFP5	5"	2.17 lbs.	1/4"-20SAE	100	\$ 19.43
BFVFP6	6"	3.8 lbs.	1/4"-20SAE	100	22.89
BFVFP8	8"	9.87 lbs.	1/4"-20SAE	20	26.86



# Valves - Brass Gate



GV200 Series

## GV200 Series Forged Brass Gate Valve Features:

- Constructed of heavy duty forged brass.
- Die-cast body, forged bonnet are connected with a teflon body to bonnet gasket for a leak proof seat.
- Screwed bonnet, non-rising stem, solid wedge disc and integral seats.
- Teflon® stem seal packing. Teflon® is a registered trademark of Dupont.
- Cast iron hand wheel
- Rated at **200 PSI WOG**; 125 PSI SWP (working pressure, non shock)
- Threaded ends produced to ANSI/ASME B1.20.1 (NPT) standards.
- Sweat ends produced to ANSI B16.18-1984 standards
- Imported

MATERIAL SPECIFICATIONS	
Wheel Nut	Brass
Hand Wheel	Cast Iron
Gland Follower Nut	Brass
Gland Follower	Brass
Stem Seal Packing	Teflon
Bonnet	Brass
Body-Bonnet Gasket	Teflon
Lock Nut	Brass
Stem	Brass
Disc	Brass
Body	Brass

DIMENSIONS (IN.)	SIZE	A (IPS)	A (Cx C)	B (IPS)	B (Cx C)	C
	1/2"	1.68	1.76	2.77	2.79	2.15
	3/4"	1.76	2.34	2.97	3.10	2.15
	1"	2.03	2.69	3.44	3.63	2.34
	1 1/4"	2.30	3.01	4.02	4.37	2.93
	1 1/2"	2.46	3.36	4.45	4.96	2.93
	2"	2.69	3.98	5.23	6.13	3.12
	2 1/2"	3.43		6.36		3.90
	3"	3.71		7.41		4.29
	4"	4.45		9.17		5.07

Threaded Part Number	Sweat Part Number	Size	Ctn/Case Qty	List Price
GV200-50T	GV200-50S	1/2"	10 / 100	\$ 4.99
GV200-75T	GV200-75S	3/4"	10 / 100	6.33
GV200-100T	GV200-100S	1"	5 / 50	8.83
GV200-125T	GV200-125S	1 1/4"	5 / 50	12.29
GV200-150T	GV200-150S	1 1/2"	2 / 30	16.44
GV200-200T	GV200-200S	2"	1 / 20	24.52
GV200-250T		2 1/2"	1 / 10	49.01
GV200-300T		3"	1 / 10	72.49
GV200-400T		4"	1 / 4	113.20

# Valves - Brass Swing Check



HSCV Series

## Brass Swing Check Valve Features:

- Constructed of heavy duty cast brass.
- Screwed cap, swing type disc and integral seat.
- Prevents backflow while offering full flow performance with a minimum of turbulence or pressure loss.
- Rated **200 PSI W.O.G.** (working pressure non-shock)
- Imported.

MATERIAL SPECIFICATIONS	
Cap	Brass
Body	Brass
Disc	Brass
Hinge Pin	Brass
Screw	Brass

DIMENSIONS (IN.)	SIZE	A (IPS)	A (CxC)	B (IPS)	B (CxC)
	1/2"	2.05	2.05	1.47	1.49
	3/4"	2.32	2.32	1.58	1.58
	1"	2.56	2.56	1.68	1.68
	1 1/4"	3.12	3.12	1.84	1.84
	1 1/2"	3.45	3.45	2.15	2.15
	2"	4.16	4.16	2.69	2.69
	2 1/2"	5.11		2.93	
	3"	5.74		3.78	
	4"	6.79		3.90	

Threaded Part Number	Sweat Part Number	Size	Ctn/Case Qty	List Price
HSCV50T	HSCV50S	1/2"	10/120	\$ 6.97
HSCV75T	HSCV75S	3/4"	10/80	9.05
HSCV100T	HSCV100S	1"	5/60	12.07
HSCV125T	HSCV125S	1-1/4"	5/40	17.27
HSCV150T	HSCV150S	1-1/2"	5/30	24.34
HSCV200T	HSCV200S	2"	2/24	36.04
HSCV250T		2-1/2"	1/15	77.06
HSCV300T		3"	1/10	107.03
HSCV400T		4"	1/6	166.70





# Plumbing Valves - Brass, Low Pressure

## BOILER DRAINS • HOSE BIBBS • STOPS • STOP & WASTES

- 125 PSI WOG (working pressure - non-shock)
- All valves shown below are CSA rated except THBB/IHBB Series
- Imported



HBD Series



HBD-SB Series



IBD-SB Series



HNKD Series



HHB Series



HHBNHT Series



THBB Series  
IHBB Series



HSTPV Series



HSWV Series

Part Number	Size	Description	Ctn/Case Qty	List Price
<b>Brass Boiler Drains</b>				
HBD50 ☺	1/2"	MIP X GHT	12/144	\$ 4.01
HBD75	3/4"	MIP X GHT	12/144	4.17
HBD50SB ☺	1/2"	w/ stuffing box MIP X GHT	12/144	4.43
HBD75SB	3/4"	w/ stuffing box MIP X GHT	12/144	4.58
<b>Brass Full Flow Boiler Drains</b>				
IBD50SB ☺	1/2"	w/ stuffing box MIP X GHT	12/144	4.86
IBD75SB	3/4"	w/ stuffing box MIP X GHT	12/144	4.97
<b>Brass No-Kink Boiler Drains</b>				
HNKD50 ☺	1/2"	MIP X GHT	12/144	4.01
HNKD75	3/4"	MIP X GHT	12/144	4.23
☺ Has combination 1/2" mip and 1/2" solder connection				
<b>Brass Hose Bibbs</b>				
HHB50 ☺	1/2"	MIP X GHT	12/144	3.70
HHB75	3/4"	MIP X GHT	12/144	4.01
<b>Brass Hose Bibbs - No Garden Hose Thread, Sampling Faucet</b>				
HHB50NHT	1/2"	MIP	12/144	4.09
HHB75NHT	3/4"	MIP	12/144	4.50
<b>1/4 turn Ball Valve Brass Hose Bibbs w/ T Handle - 200 psi WOG non-shock</b>				
IHBB50	1/2"	MIP X GHT	12/144	4.00
IHBB75	3/4"	MIP X GHT	12/144	4.25
THBB50	1/2"	MIP X GHT ITALY	10/100	5.07
THBB75	3/4"	MIP X GHT ITALY	8/96	7.64
<b>Brass Stop Valves</b>				
HSTPV50C	1/2"	C X C	12/144	4.26
HSTPV75C	3/4"	C X C	12/144	4.80
HSTPV50T	1/2"	T X T	12/144	4.56
HSTPV75T	3/4"	T X T	12/144	5.38
<b>Brass Stop &amp; Waste Valves</b>				
HSWV50C	1/2"	C X C	12/144	4.45
HSWV75C	3/4"	C X C	12/144	5.27
HSWV50T	1/2"	T X T	12/144	4.86
HSWV75T	3/4"	T X T	12/144	5.52
HSWVC38	Fits 1/2"	Waste Cap only	1	0.38
HSWVC516	Fits 3/4"	Waste Cap only	1	0.38



# Plumbing Valves - Brass, Low Pressure



## BENT NOSE GARDEN • ANGLE SILL COCKS • FROST PROOF SILL COCKS

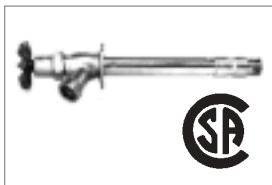
- 125 PSI WOG (working pressure - non-shock)
- Imported



HBNG Series



HSC Series



H500 Series



H500AS Series



Part Number	Size	Description	Ctn/Case Qty	List Price
<b>Full Flow Bent Nose Garden Valves</b>				
HBNG50	1/2"	FIP X GHT	12/72	\$ 5.93
HBNG75	3/4"	FIP X GHT	12/72	6.20
HBNG100	1"	FIP X GHT	12/72	6.34
<b>Brass Angle Sill Cocks</b>				
HSC50T	1/2"	FIP X GHT	12/144	4.74
HSC75T	3/4"	FIP X GHT	12/144	4.83
HSC50C	1/2"	SWT X GHT	12/144	4.78
HSC75C	3/4"	SWT X GHT	12/144	5.04
<b>Chrome Plated Brass Frost Proof Sill Cocks, IPS x Sweat Fitting</b>				
H504	1/2 x 4"		2/40	19.12
H506	1/2 x 6"		2/40	20.20
H508	1/2 x 8"		2/40	20.81
H510	1/2 x 10"		2/40	21.64
H512	1/2 x 12"		2/40	21.88
H514	1/2 x 14"		2/40	23.12
<b>Chrome Plated Brass Frost Proof Sill Cocks w/ 3/4" mpt x 1/2" fip connection</b>				
H504-3/4	3/4 x 1/2 x 4"		2/40	19.82
H506-3/4	3/4 x 1/2 x 6"		2/40	20.93
H508-3/4	3/4 x 1/2 x 8"		2/40	21.61
H510-3/4	3/4 x 1/2 x 10"		2/40	22.36
H512-3/4	3/4 x 1/2 x 12"		2/40	22.68
H514-3/4	3/4 x 1/2 x 14"		2/40	23.86
<b>Chrome Plated Brass Anti-Siphon Sill Cocks* w/ 1/2" mip x 1/2" swt connection</b>				
H504AS	1/2 x 4"		2/30	22.71
H506AS	1/2 x 6"		2/30	24.06
H508AS	1/2 x 8"		2/30	26.01
H510AS	1/2 x 10"		2/30	27.48
H512AS	1/2 x 12"		2/30	28.62
H514AS	1/2 x 14"		2/30	29.71
* with integral vacuum breaker				





# Plumbing Valves - Celcon



AGHBF Series



AGSFT Series



AGBDM Series



AGBDF Series



AGSWL Series



AGSCL Series

## Celcon (Acetal) Hose Bibb & Boiler Drain Features:

- Celcon (acetal) construction for use in hot or cold fluid systems up to 180° F.
- Use with water and approved chemicals.
- Bronze color body with red T-handle or wheel handle.
- EPDM stem seal O-Ring for excellent chemical resistance and long life.
- Complies with applicable ASTM and ANSI standards.
- Manufactured for AGI in an ISO9001 facility.
- Made in USA.



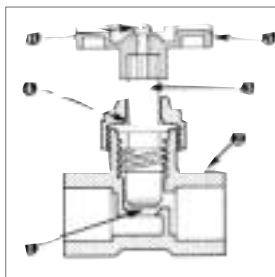
ISO 9001

## Celcon (Acetal) Stop & Waste and Stop Valve Features:

- Stop & Waste allows draining of the non-pressure side of valve via an 1/8" port (polypropylene plug included).
- Complies with applicable ASTM and ANSI standards.
- Manufactured for AGI in an ISO9001 facility.
- Made in USA.

## Common Information:

1. Unique tapered stem & seat insures long, leak free life.
2. Body & bonnet made of non-corroding chemical resistant Hi-Impact Flo Guard Gold CPVC, Hi-impact PVC or Celcon material.
3. Tough polypropylene stem
4. Santopreme™ stem seal washer
5. Impact resistant ABS handle.
6. Galvanized steel handle screw
7. Pressure rated to 150 psi.
8. No internal metallic parts to corrode.



Part Number	Description	Size	Inlet x Outlet	Ctn Qty	List Price
AGHBM50T	Celcon 45° Hose Bibb	1/2"	MIPT X MHT	36	\$ 5.79
AGHBM75T	Celcon 45° Hose Bibb	3/4"	MIPT X MHT	36	5.95
AGHBF50T	Celcon 45° Hose Bibb	1/2"	FIPT X MHT	36	5.79
AGHBF75T	Celcon 45° Hose Bibb	3/4"	FIPT X MHT	36	5.95
AGSFT50T	Celcon Sink Faucet w/ hose end	1/2"	MIPT X MHT	36	5.71
AGSFT75T	Celcon Sink Faucet w/ hose end	3/4"	MIPT X MHT	36	5.79
AGBDM50T	Celcon Boiler Drain	1/2"	MIPT X MHT	36	5.63
AGBDM75T	Celcon Boiler Drain	3/4"	MIPT X MHT	36	5.79
AGBDF50T	Celcon Boiler Drain	1/2"	FIPT X MHT	36	5.87
AGBDF75T	Celcon Boiler Drain	3/4"	FIPT X MHT	36	6.27
AGSWL50T	Celcon Stop & Waste	1/2"	FIPT X FIPT	36	6.35
AGSWL75T	Celcon Stop & Waste	3/4"	FIPT X FIPT	36	6.59
AGSCL50T	Celcon Stop Valve	1/2"	FIPT X FIPT	36	6.03
AGSCL75T	Celcon Stop Valve	3/4"	FIPT X FIPT	36	6.35

# Plumbing Valves - CPVC & PVC



AGBDC Series



AGSWC Series



AGSCP Series



AGSCC Series



## CPVC Boiler Drain, Stop & Waste and Stop Valve Features:

- High impact CPVC construction for use in hot or cold fluid systems up to 180° F.
- Use with water and approved chemicals.
- Beige color body with red wheel handle.
- EPDM stem seal O-Ring for excellent chemical resistance and long life.
- Complies with applicable ASTM and ANSI standards.
- Stop & Waste allows draining of the non-pressure side of valve via a 1/8" port (polypropylene plug included).
- Made with Flow Guard Gold material.
- Manufactured for AGI in an ISO 9001 facility.
- Made in USA.



ISO 9001

## PVC Stop Valve Features:

- High impact PVC construction for use in hot or cold fluid systems up to 140° F.
- Use with water and approved chemicals.
- White color body with black wheel handle.
- EPDM stem seal O-Ring for excellent chemical resistance and long life.
- Complies with applicable ASTM and ANSI standards.
- Manufactured for AGI in an ISO 9001 facility.
- Made in USA.

## Specifications & Standards:

ASTM D 1784	PVC (Poly Vinyl Chloride) and CPVC (Chlorinated PVC) materials (compounds).
ASTM D 2466	PVC Plastic Fittings, Schedule 40
ASTM D 2467	PVC Plastic Fittings, Schedule 80
ASTM D 2846	PVC Plastic Fittings, Material & Dimensions
NSF 14	Potable water product testing standard (National Sanitation Foundation)
NSF 61	Potable water material testing standard
IAPMO	Approved agency for Uniform Plumbing Code (UPC) (Int'l Assoc of Plbg & Mech Officials)
Materials	PVC: Produced with Hi-impact PVC Type II, which exceeds Type I in impact resistance. CPVC: Produced with BF Goodrich "Flow Guard Gold"
Temp Considerations:	PVC: 150 psi @ 73° F derating to 66 psi @ 140° F CPVC: 150 psi @ 100° F derating to 100 psi @ 180° F

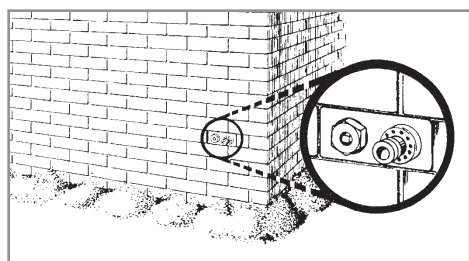
Part Number	Description	Size	Inlet x Outlet	Ctn Qty	List Price
AGBDC50S	CPVC Boiler Drain	1/2"	SLIP CTS X MHT	36	\$ 5.79
AGBDC75S	CPVC Boiler Drain	3/4"	SLIP CTS X MHT	36	5.95
AGSWC50S	CPVC Stop & Waste	1/2"	SLIP CTS X SLIP CTS	36	6.11
AGSWC75S	CPVC Stop & Waste	3/4"	SLIP CTS X SLIP CTS	36	6.43
AGSCC50S	CPVC Stop	1/2"	SLIP CTS X SLIP CTS	36	5.63
AGSCC75S	CPVC Stop	3/4"	SLIP CTS X SLIP CTS	36	5.95
AGSCP50S	PVC Stop Valve	1/2"	SLIP IPS X SLIP IPS	36	5.38
AGSCP75S	PVC Stop Valve	3/4"	SLIP IPS X SLIP IPS	36	5.54



# Wall Hydrants



Model 6500 cutaway view.



#### Typical Installation.

The Clayton Mark Model 6500 is a freeze proof sanitary, self-draining, through-the-wall commercial wall hydrant. The Model 6500 is engineered for use on commercial buildings such as restaurants, office buildings, shopping centers, hotels, schools, apartments, and many other types of industrial buildings.



#### Model 6500 Features:

- IAPMO listed.
- Vacuum Breaker/Backflow Preventer approved under ASSE Standard 1011. Patented design by Clayton Mark (Patent No. 3850190) operates at lower differential pressures than most vacuum breakers & features a self-cleaning design to help prevent clogging, 3/4" outlet.
- Simple, solderless design ensures years of trouble free operation.
- Natural brass finish blends in well with exterior finish and is more resistant than plated surfaces to weathering and normal usage.
- Positive shut-off with a plug type seal. Requires less force to operate.
- 400 Series stainless steel operating rod.
- Heavy duty brass pipe is stronger than ordinary copper tubing. Threaded & sealed joints eliminate problems associated with solder joints.
- Multiple vent holes ensure proper drainage and reduce problems associated with insect nesting.
- Custom brick cutting virtually eliminated by the unique low profile hydrant face.
- Standard hydrant can be used with or without a box. No need for dual inventories or multiple models to track.
- Simple design enables easier and more stable clamping to inner wall. On non-brick surfaces, the design will enable a more secure hold.

#### Application:

- Provides a year round source of water to areas of structures that are subject to freezing temperatures.
- The patented integral vacuum breaker/backflow preventer provides protection against cross-connection with the potable supply, while venting to eliminate the possibility of a vacuum. An operating key is included to operate the hydrant and is removable to help prevent unauthorized use of the hydrant and reduce vandalism. No special installation tools are required.

#### Materials of Construction:

- |                                 |  |
|---------------------------------|--|
| • Brass                         | All pressure-containing components (Head, Valve Body, Drive Screw, Hose Piece, Hex Face Nut, Pipe Casing). |
| • Stainless Steel               | Operating Rod  |
| • Butyl Rubber (W/Brass Insert) | Plunger  |
| • Buna-N-Rubber                 | O-Rings  |
| • Silicon Rubber                | BFP Diaphragm  |
| • Acetal                        | BFP Check Spider   |

#### Specify As Follows:

Wall hydrant shall be the freeze-proof Clayton Mark Model 6500 with automatic draining capabilities and patented integral vacuum breaker/backflow preventer, 3/4" hose connection, freeze-proof water flow and self-draining functions, one-piece valve plunger, natural brass finish, stainless steel operating rod, and positive seal shut-off mechanism. Operating key to be furnished with each hydrant. Wall thickness to be \_\_\_\_\* inches. Universal repair kits available to rebuild all moving parts subject to normal wear.

\* 4" to 24" in 2" increments

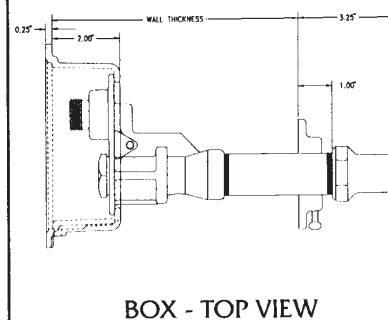
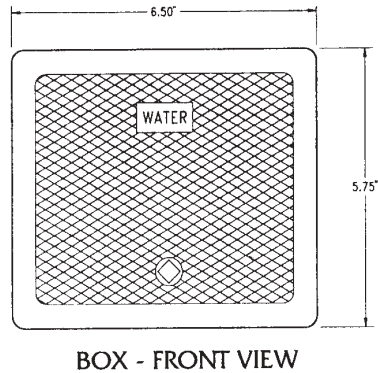
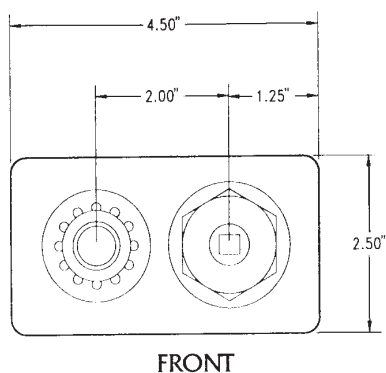
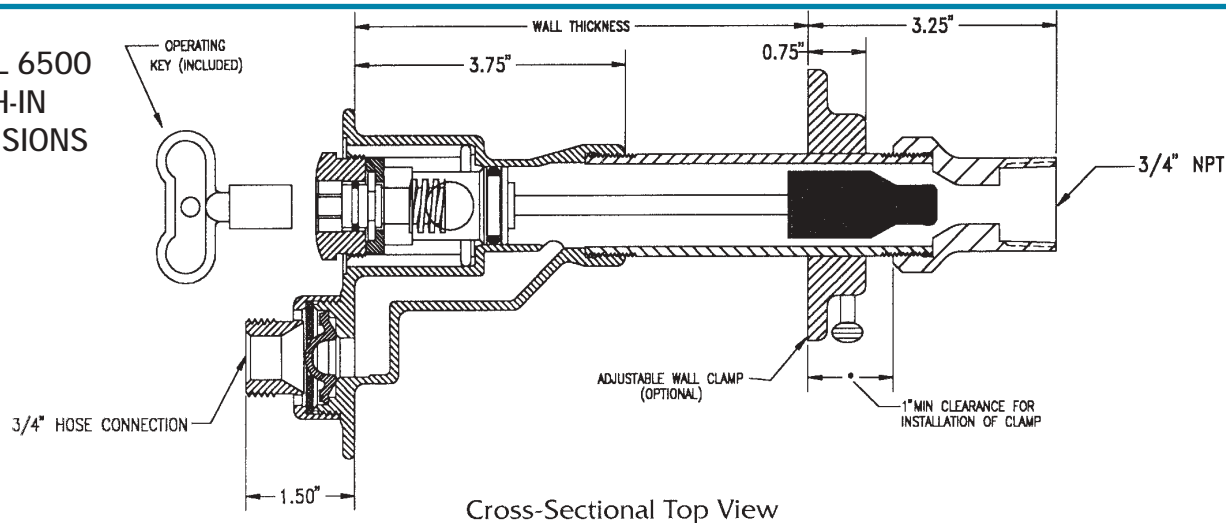


**CLAYTON MARK**

# Wall Hydrants - Specifications

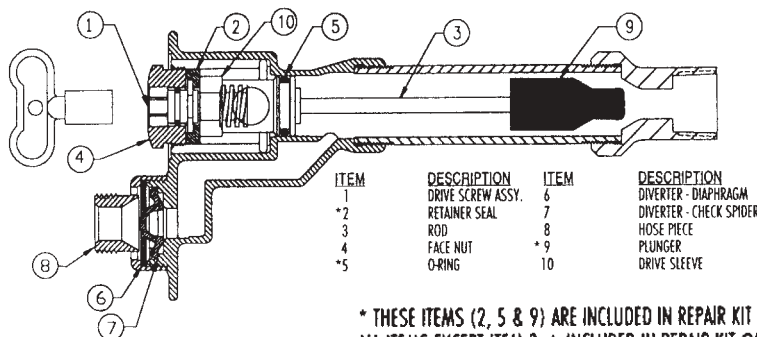


## MODEL 6500 ROUGH-IN DIMENSIONS



## REPLACEMENT PARTS

\* Items 2, 5 & 9 are included in minor repair kit CRK1  
All items except 3 & 4 are included in major repair kit CRK2



\* THESE ITEMS (2, 5 & 9) ARE INCLUDED IN REPAIR KIT CRK1.  
ALL ITEMS EXCEPT ITEM 3, 4 INCLUDED IN REPAIR KIT CRK2.  
OPERATING KEY INCLUDED IN BOTH REPAIR KITS.

## Approximate Model Equivalents:

Clayton Mark	Woodford	Zurn	Josam	Smith
Model 6500	65 Series	Z-1310	71050	5609
CWH Series		Z-1315-5	71550-81	5610-H
				5611-H
Model 6500	B65 Series	Z-1300	71000	5509
CWH Series		Z-1330	7150-80	5510-H-VB
Plus Box		Z-1340		5511-H-VB
		Z-1305-5		



# Wall Hydrants - Commercial



## Information:

- Note: 14" thru 24" lengths will have cartridge style plunger.

**SPECIAL ORDER ONLY - ALLOW 4-6 WEEKS FOR DELIVERY**

Part Number	Size/Description	Ctn Qty	List Price
<b>Commercial Wall Hydrants, Freezeproof, Sanitary and Self-Draining, without box</b>			
CWH04	4"	1	\$ 318.00
CWH06	6"	1	325.38
CWH08	8"	1	332.76
CWH10	10"	1	340.20
CWH12	12"	1	347.58
CWH14	14"	1	364.82
CWH16	16"	1	379.32
CWH18	18"	1	387.12
CWH20	20"	1	387.98
CWH22	22"	1	394.57
CWH24	24"	1	409.80
<b>Commercial Wall Hydrants, Multi-Temperature, without box</b>			
W8310-4DAB	4"	1	451.86
W8310-6DAB	6"	1	477.78
W8310-8DAB	8"	1	500.46
<b>Wall Hydrant Boxes - For recessed installation of hydrant</b>			
CHBSR	Standard Red Brass Wall Box	1	234.66
CHBSN	Standard Nickel Bronze Wall Box	1	259.08
CHBDRT	Deep Box for Tri-Temp, Red Brass	1	592.38
CHBDNT	Deep Box for Tri-Temp, Nickle Bronze	1	626.44
<b>WH Wall Clamp</b>			
CHWC1	Adjustable Wall Clamp	1	16.80
<b>Wall Hydrant Face Plates</b>			
FPN1	Nickle plated face plate	1	16.14
FPR1	Red Brass face plate	1	16.14
<b>Wall Hydrant Repair Kits</b>			
CRK1	Repair Kit I (Minor)	1	21.06
CRK2	Repair Kit II (Major)	1	87.90

\* Replacement rods are available. Please note length and description of plunger or cartridge seal. Price available upon request.







# Ball Valves - PVC Sch 80 Molded-in-Place



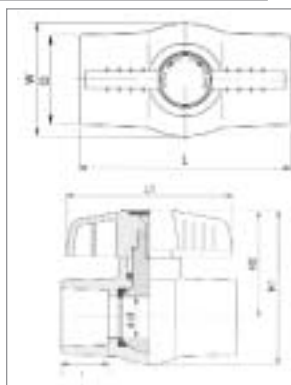
ISO 9002

## MATERIAL SPECIFICATIONS

Body	PVC
Seat Seal	EPDM, Teflon
Ball	PVC
Stem Seal o-ring	EPDM
Handle	ABS
Bolt	Zinc Plated Steel
Cap	ABS

## HMIP Series PVC Molded-In-Place Ball Valve Features:

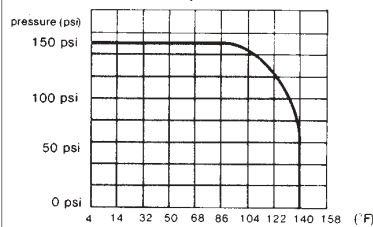
- Heavy duty thermoplastic white PVC (Type 1, Grade 1) construction. Materials meet NSF standards.
- Meets ASTM 2467 Schedule 80.
- White body, red handle.
- Available with Teflon® or EPDM seats providing excellent chemical resistance.
- EPDM "o" ring stem seal
- 150 PSI working pressure at 73°F water, non-shock.
- Maintenance free compact design.
- Severe shock loads and misalignment stress are absorbed by the valve body, not the ball & seat, minimizing the chance of uneven wear & leakage.
- Individually cartoned.
- Manufactured for AGI in an ISO9002 facility.
- Imported.



## HMIP TE/SE and T/S Series IPS DIMENSIONS (IN.)

SIZE	d	D	L	L1	I	H1	H2	W
1/2"	.55	1.17	3.24	2.73	.87	2.42	1.68	1.48
3/4"	.78	1.48	3.71	3.43	1.00	3.04	2.11	1.67
1"	.98	1.76	4.13	3.90	1.12	3.63	2.54	2.22
1 1/4"	1.17	2.11	4.45	3.90	1.25	3.82	2.61	2.46
1 1/2"	1.40	2.42	5.07	4.25	1.37	4.49	3.04	2.93
2"	1.82	3.00	5.74	5.23	1.50	5.27	3.47	3.59
2 1/2"	2.34	3.59	7.96	6.94	1.75	6.24	4.10	4.29
3"	3.00	4.13	8.93	8.74	1.88	7.41	4.84	5.19
4"	3.94	5.27	11.70	10.76	2.25	9.09	5.77	6.63

## Relations Between Temperature and Pressure



## CV (GPM/(1 lbf/in<sup>2</sup>)<sup>1/2</sup>) Opening Rate: 90°

SIZE	CV
1/2"	8.84
1"	25.24
1 1/4"	38.53
1 1/2"	51.28
2"	96.67
2 1/2"	162.37
3"	438.81
4"	865.90
CMIP-C Series excluded	

## WITH EPDM SEATS

Threaded Part Number	Slip Part Number	Size	Ctn Qty	List Price
HMIP50TE	HMIP50SE	1/2"	100	\$ 3.61
HMIP75TE	HMIP75SE	3/4"	100	4.64
HMIP100TE	HMIP100SE	1"	100	6.39
HMIP125TE	HMIP125SE	1 1/4"	100	9.04
HMIP150TE	HMIP150SE	1 1/2"	48	14.61
HMIP200TE	HMIP200SE	2"	24	19.32
HMIP250TE	HMIP250SE	2 1/2"	12	53.22
HMIP300TE	HMIP300SE	3"	12	88.78
HMIP400TE	HMIP400SE	4"	6	166.13

## WITH TEFLON® SEATS

Threaded Part Number	Slip Part Number	Size	Ctn Qty	List Price
HMIP50T	HMIP50S	1/2"	100	\$ 8.29
HMIP75T	HMIP75S	3/4"	100	10.71
HMIP100T	HMIP100S	1"	100	11.05
HMIP125T	HMIP125S	1 1/4"	100	17.34
HMIP150T	HMIP150S	1 1/2"	48	21.93
HMIP200T	HMIP200S	2"	24	31.08

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# Ball Valves - CPVC Sch 80 Molded-in-Place



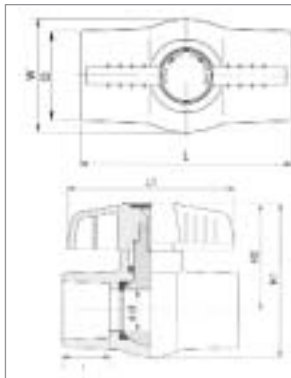
ISO 9002

## MATERIAL SPECIFICATIONS

Body	CPVC
Seat Seal	Teflon
Ball	CPVC
Stem Seal	EPDM
Handle	ABS
Bolt	Zinc Plated Steel
Cap	ABS

## CMIP Series CPVC Molded-in-Place Ball Valve Features:

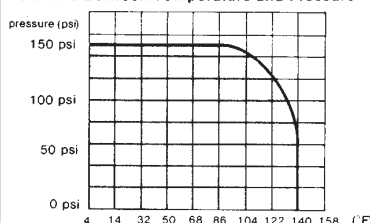
- Made with Flo Guard Gold CPVC material.
- Heavy duty thermoplastic CPVC construction for hot water use.
- NSF listed.
- Meets ASTM 2467 Schedule 80.
- CTS slip x slip - cream body, orange handle.
- Teflon® seats providing excellent chemical resistance.
- EPDM O-Ring stem seal.
- Working pressure 75 PSI at 180° F.
- Maintenance free compact design.
- Severe shock loads & misalignment stress are absorbed by the valve body, not the ball & seat, minimizing the chance of uneven wear & leakage.
- Individually cartoned.
- Manufactured for AGI in an ISO 9002 facility.
- Imported



## CMIP "C" Series CTS DIMENSIONS (IN.)

SIZE	d	D	L	L1	I	H1	H2	W
1/2"	.47	.94	2.65	2.34	.50	1.91	1.33	1.21
3/4"	.55	1.17	3.24	2.73	.87	2.42	1.68	1.48
1"	.78	1.48	3.71	3.43	.90	3.04	2.11	1.91

## Relations Between Temperature and Pressure



## CV (GPM/(1 lbf/in<sup>2</sup>)<sup>1/2</sup>)

Opening Rate: 90°

SIZE	CV
1/2"	8.84
3/4"	
1"	25.24
CMIP-C Series excluded	

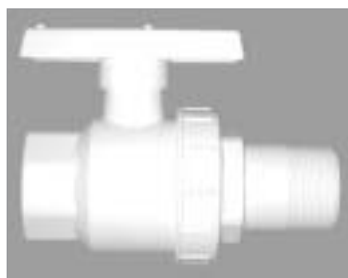
Part Number	Description	Ctn Qty	List Price
<b>CPVC Ball Valve, Copper Tube Size, SLIP X SLIP</b>			
CMIP50C	1/2" SLIP X SLIP	100	\$ 6.54
CMIP75C	3/4" SLIP X SLIP	100	7.64
CMIP100C	1" SLIP X SLIP	100	11.45



# Ball Valves - PVC Single Union



PV1450 Series



PV1452, PV1453 Series

ISO 9002

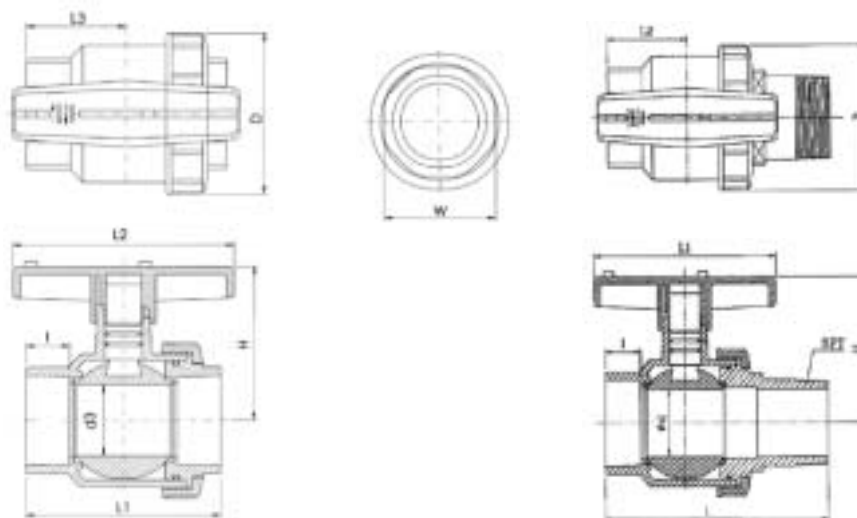
## MATERIAL SPECIFICATIONS

Body	PVC
End Adapter	PVC
Union Nut	PVC
Ball	PVC
Stem	PVC
Handle	ABS
Union o-rings	EPDM
Seat Seals	Teflon®
Stem o-rings	EPDM

## PVC Single Union Ball Valve Features:

- PVC Type 1 construction for compatibility in joining rigid PVC and flex vinyl pipes.
- Teflon® seats.
- Double EPDM o-ring seal on stem: single EPDM o-ring seal on union end.
- Fully round ball prevents foreign matter from scoring seats.
- Tee handle for quarter turn on/off with stops.
- Working pressure: 150 PSI at 72°F, 100 PSI at 120°F.
- Threaded or socket.
- Manufactured for AGI in an ISO 9002 facility.
- Imported

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## PV1450 Series DIMENSIONS (IN.)

SIZE	d3	D	L1	L2	L3	H	W	I
1 1/2"	1.50	3.42	4.49	4.72	2.21	3.32	2.34	1.09
2"	1.88	4.10	5.07	5.74	2.53	4.07	2.73	1.15

## PV1452 Series DIMENSIONS (IN.)

SIZE	d	D	L	L1	L2	H	W	I
1 1/2"	1.50	3.42	6.55	4.72	2.21	3.32	2.34	1.09
2"	1.87	4.10	7.02	5.73	2.52	4.07	2.73	1.15

Part Number	Threaded/Slip	Size	Ctn Qty	List Price
PV1450-11/2	Slip	1-1/2"	48	\$ 18.42
PV1450-2	Slip	2"	24	24.85
PV1451-11/2	Threaded	1-1/2"	48	18.42
PV1451-2	Threaded	2"	24	24.85
PV1452-11/2	Slip x Extended MIP	1 1/2"	24	18.42
PV1452-2	Slip x Extended MIP	2"	12	24.85
PV1453-11/2	FPT x Extended MIP	1 1/2"	24	18.42
PV1453-2	FPT x Extended MIP	2"	12	24.85

# Ball Valves - PVC Single Union



1350 Series



## PVC Single Union Ball Valve Features:

- PVC Type 1 construction for compatibility in joining rigid PVC and flex vinyl pipes.
- **Buna "N" O-Ring seal; HDPE seats.**
- 1-1/4 deep sockets on both ends for extra cementing surface area.
- Acme thread on assembly nut prevents cross threading.
- Tee handle for quarter turn on/off with stops.
- Working pressure: 150 PSI at 72°F, 100 PSI at 120°F.
- Threaded or socket.
- Made in USA.

Part Number	Threaded/Socket	Size	Ctn Qty	List Price
1350-15	Socket	1-1/2"	12	\$ 22.75
1350-20	Socket	2"	24	32.37
1351-15	Threaded	1-1/2"	12	22.75
1351-20	Threaded	2"	24	32.37



# Ball Valves - PVC True Union



## ITUV Series PVC True Union Ball Valve Features:

- Heavy duty thermoplastic grey Sch 80 PVC (Type 1, Grade 1).
- Full port design.
- Available with either EPDM or Viton® o-ring stem, carrier and union seals.
- Teflon® seats are resistant to chemical corrosion.
- 150 PSI working pressure at 73° water, non-shock.
- Working temperature -4°F to 140°F.
- Unique double union/double block design permits in-line maintenance without disconnecting pipe and with no special tools.
- Both ends are blocked with bayonet-style locks which prevents the ball from being blown out. Ball remains in place upon removal of valve.
- External adjustment for seat wear.
- Individually cartoned.
- Imported.

### EPDM O-RINGS

Socket Part Number	Threaded Part Number	Ctn Qty	List Price
ITUV50SE	ITUV50TE	50	\$ 24.92
ITUV75SE	ITUV75TE	32	31.83
ITUV100SE	ITUV100TE	24	34.93
ITUV125SE	ITUV125TE	24	46.90
ITUV150SE	ITUV150TE	22	58.21
ITUV200SE	ITUV200TE	12	77.02
ITUV250SE	ITUV250TE	12	121.64
ITUV300SE	ITUV300TE	6	196.44
ITUV400SE	ITUV400TE	1	412.26

### VITON O-RINGS

Socket Part Number	Threaded Part Number	Ctn Qty	List Price
ITUV50SV	ITUV50TV	50	\$ 38.19
ITUV75SV	ITUV75TV	32	52.16
ITUV100SV	ITUV100TV	24	54.23
ITUV125SV	ITUV125TV	24	71.25
ITUV150SV	ITUV150TV	22	84.39
ITUV200SV	ITUV200TV	12	110.32
ITUV250SV	ITUV250TV	12	161.54
ITUV300SV	ITUV300TV	6	265.85
ITUV400SV	ITUV400TV	1	457.82

### ADDITIONAL ENDS

Part Number	Part Number	List Price
ITUV50 SOCKET END	ITUV50 THREADED END	\$ 2.28
ITUV75 SOCKET END	ITUV75 THREADED END	3.17
ITUV100 SOCKET END	ITUV100 THREADED END	4.53
ITUV125 SOCKET END	ITUV125 THREADED END	6.16
ITUV150 SOCKET END	ITUV150 THREADED END	7.44
ITUV200 SOCKET END	ITUV200 THREADED END	8.45
ITUV250 SOCKET END	ITUV250 THREADED END	13.42
ITUV300 SOCKET END	ITUV300 THREADED END	26.73
ITUV400 SOCKET END	ITUV400 THREADED END	53.47

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# Ball Valves - PVC True Union



## ITUV Series PVC True Union Ball Valve Specifications:

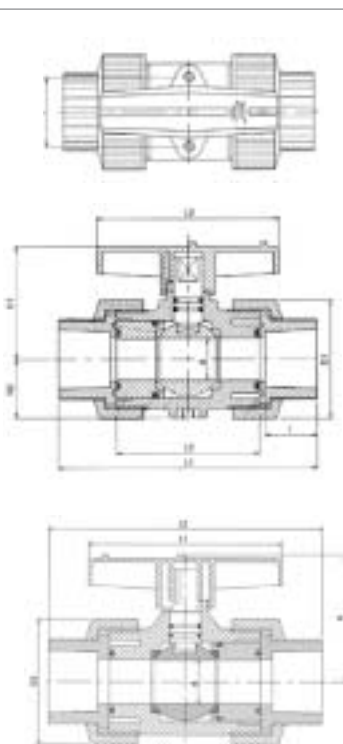
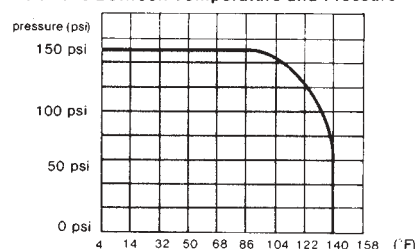
### MATERIAL SPECIFICATIONS:

Part	Material
Body	PVC
Stem o-ring	EPDM or Viton
Stem	PVC
Ball	PVC
Seat Seal	Teflon
Carrier o-ring	EPDM or Viton
Seal Carrier	PVC
Union o-ring	EPDM or Viton
End Connector	PVC
Union Nut	PVC
Handle	ABS
Inserted Nut	C3604 (on 1/2" - 2" only)

CV (GPM/(1 lbf/in<sup>2</sup>)<sup>1/2</sup>)  
Opening Rate: 90°

SIZE	CV
1/2"	7.39
1"	25.16
1 1/4"	43.22
1 1/2"	60.21
2"	101.56
2 1/2"	170.39
3"	
4"	906.95

### Relations Between Temperature and Pressure



### ITUV Series 1/2" thru 2" DIMENSIONS (IN.)

SIZE	d	D1	L1	L2	L3	H1	H2
1/2"	.51	1.76	4.33	2.347	3.04	1.87	--
3/4"	.70	2.15	5.07	2.85	3.59	2.26	1.01
1"	.90	2.57	5.66	3.04	3.90	2.54	1.29
1 1/4"	1.17	3.16	6.44	3.39	4.29	2.95	1.48
1 1/2"	1.48	3.74	6.67	3.59	4.72	3.43	1.64
2"	1.87	4.64	7.80	4.37	5.73	4.19	2.07

### ITUV Series 2 1/2" thru 4" DIMENSIONS (IN.)

SIZE	d	D2	L1	L2	H
2 1/2"	2.34	5.30	7.08	10.73	4.64
3"	2.69	6.08	9.32	11.70	5.03
4"	3.90	8.74	10.84	12.79	6.86



# Slice Gate Valves - PVC



VSGV Uni-Body



VSGV 3 piece body



VSGV 3 piece body  
with union

## PVC Slice Gate Valve Features:

- Designed for pool & spa, irrigation, plumbing, waste water and agricultural applications.
- Stainless steel shaft prevent rust and corrosion.
- Ozone & chemical resistant Santoprene™ materials.
- Santoprene™ seals are integrated to the paddle to eliminate any chance of torn or punctured gaskets.
- Maximum working pressure 50 psi (through 2").
- Solvent cement traps to catch excess glue.
- Every valve tested at double recommended working pressure.
- Valterra's patent pending triple o-ring neck seal to ensure against any chance of shaft leakage.

## Unibody Design

- One piece uni-body design.
- Combination socket ID x spigot OD for installation flexibility.
- Locking handle provides positive shutt-off and easy gate opening.

## 3 Piece body

- Three piece configuration allows for repair or can be used as a union.
- Three piece configuration easily disassembles for inline service.

Part Number	Description	Max PSI	Ctn Qty	List Price
<b>Uni-Body</b>				
VSGV2101	1 1/2" slip x slip	50	12/50	\$13.06
VSGV2201	2" slip x slip	50	12/50	20.73
* Unibody 2" slip hubs are 2" slip or 2 1/2" spig				
<b>Three Piece Body</b>				
VSGV150SL	1 1/2" slip x slip	50	50	13.06
VSGV150FIPTXMIPT	1 1/2" fipt x mipt	50	50	16.80
VSGV150FIPTxMIPTABS	1 1/2" fipt x mipt ABS	50	50	16.80
VSGV150SLU	1 1/2" slip x union slip	50	40	21.44
VSGV150MTU	1 1/2" mipt x union slip	50	40	15.31
VSGV150SP	1 1/2" slip x spigot	50	50	13.06
VSGV150SD	1 1/2" step down pool hose x mipt ABS	50	50	15.96
VSGV200SL	2" slip x slip	50	30	20.73
VSGV200SLU	2" slip x union slip	50	24	25.91
VSGV200SP	2" slip x spigot	50	30	20.73
VSGV300SL	3" slip x slip	20	15	31.91
VSGV400SL	4" slip x slip w/ metal handle	15	6	132.28
VSGV600SL	6" slip x slip w/ stainless handle	10	1	551.01
VSGV800SL	8" slip x slip w/ stainless handle	10	1	771.44



# Slice Gate Valves - PVC



SGV - SL Series

## PVC Slice Gate Valve Features:

- One piece "Uni-Body" PVC Construction. Guaranteed NO HUB LEAKS or loose bolts.
- 1/4 turn "Cam-Lock" for 100% shut-off..
- Internal "snap-lock" feature ensures valve will remain totally open, providing 100% flow with no restriction.
- Stainless steel shaft prevents rust and corrosion.
- Glass filled poly-pro tapered gate design for 100% sealing.
- Integrally molded seal on gate. - No pinched or torn gaskets.
- Seals are "Santoprene" that have been impregnated with a permanent lubricant. Never needs lube yet will provide continuous smooth operation. Ozone and chemical resistant for much longer life.
- Santoprene buttons on gate provides smooth operation without sticking.
- Every valve water tested at 100PSI and random quick burst tested at 400 PSI. Virtually no chance of leaky valves in the field at standard operating pressures.
- Maximum recommended operating pressure is 50 PSI.
- Glue wells on all slip-socket configuration catches excess glue during plumbing.
- Constructed and tested for use in pool & spa applications.
- Made in USA



SGV-Sp and SGV-SLU Series

Part Number	Size	Description	Ctn/Case Qty	List Price
SGV150SL	1 1/2"	Slip x Slip	14/56	\$ 13.06
SGV200SL	2"	Slip x Slip	12/48	20.73
SGV250SL	2 1/2"	Slip x Slip	5/20	31.95
SGV150SP	1 1/2"	Slip x Spigot	14/56	13.71
SGV200SP	2"	Slip x Spigot	12/48	20.73
SGV150SLU	1 1/2"	Slip x Slip with Union	10/40	21.44
SGV200SLU	2"	Slip x Slip with Union	10/40	25.91



# Butterfly Valves - Cast Iron



ISO 9002

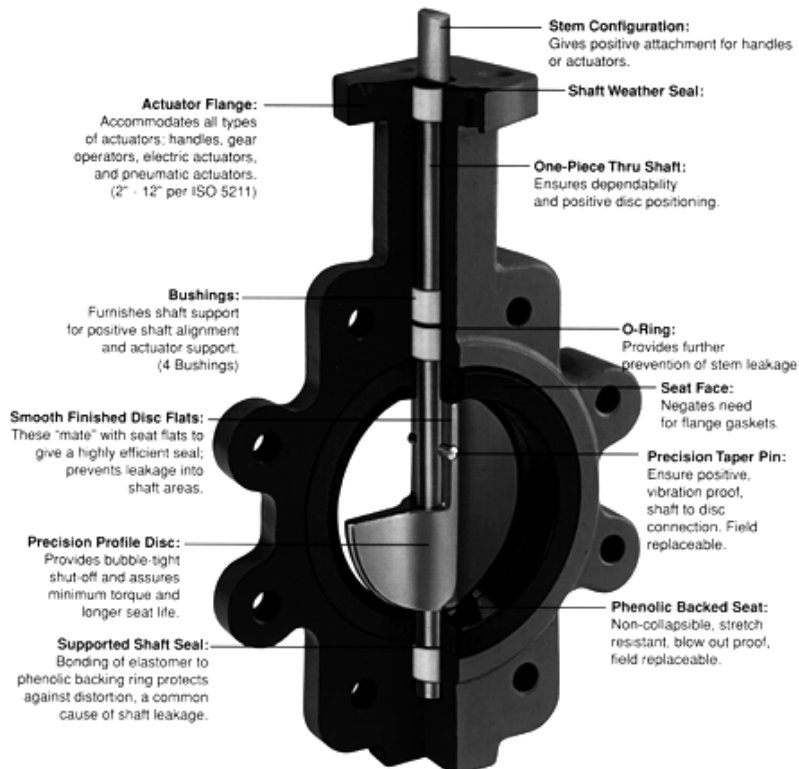
## Cast Iron Butterfly Valve Features:

- Designed for swimming pool, irrigation and water systems.
- Wafer body features 4 alignment holes.
- Lever lock handle (spring loaded) provides excellent manual control for balancing or shut off services.
- Notched throttling plate allows balancing in 10° increments in any position desired within 90° arc rotation of the disc.
- Positive bubble-tight shutoff with minimum torque.
- Seat face eliminates need for flange gaskets.
- Phenolic backed seats prevent collapse, are stretch resistant, blowout proof and field replaceable.
- EPDM seats temperature rated at -30° F to 275° F.
- 416 stainless steel shaft
- Bidirectional dead-end capability for 250 psi (2" - 12").
- Compatible with ANSI 125/150 flanges.
- Valves meet AWWA C-504-87 section 5 proof of design tests.
- Designed to comply with MSS SP-67 and API 609.
- Available with ductile iron, ENP plated (HBFV Series) or aluminum bronze (BF8200 Series) discs
- Manufactured for AGI in an ISO 9002 facility.
- Imported

Part No.	Size	Weight(lbs)	Ctn Qty	List Price
<b>Ductile Iron ENP Plated Disc</b>				
HBFV2	2"	7	1	\$ 92.04
HBFV2 1/2	2-1/2"	8	1	111.79
HBFV3	3"	10	1	124.93
HBFV4	4"	12	1	156.96
HBFV5	5"	15.5	1	202.81
HBFV6	6"	17.5	1	241.61
HBFV8	8"	33	1	318.46
HBFV10	10"	50	1	509.54
HBFV12	12"	74	1	706.79
<b>Aluminum Bronze Disc</b>				
BF8200-2	2"	6	1	\$ 105.86
BF8200-2 1/2	2-1/2"	7	1	128.50
BF8200-3	3"	10	1	143.68
BF8200-4	4"	13	1	180.50
BF8200-5	5"	18	1	232.50
BF8200-6	6"	20	1	289.93
BF8200-8	8"	32	1	382.14
BF8200-10	10"	42	1	611.43
BF8200-12	12"	70	1	849.21
<b>Replacement Handles fits HBFV or BF8200 Series</b>				
BFH2	2"		1	16.79
BFH3	3"		1	16.79
BFH4	4"		1	16.79
BFH5	5"		1	20.07
BFH6	6"		1	20.07
BFH8	8"		1	41.29
BFH10	10"		1	41.29
BFH12	12"		1	47.00

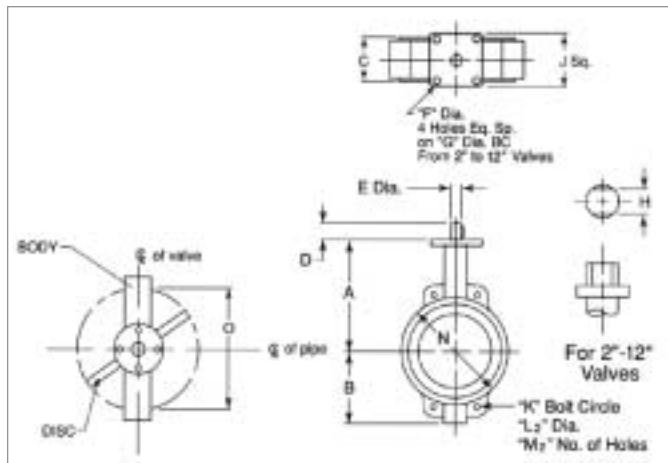
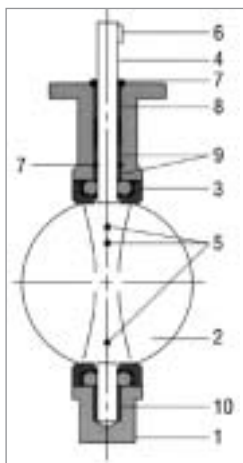
Flanges & Bolt kits available,  
see page 3.27-28

# Butterfly Valves - Cast Iron



## MATERIAL SPECIFICATIONS

No.	Part	Material
1	Body	Cast Iron
2	Disc	Ductile Iron or Aluminum Bronze
3	Seat	EPDM
4	Shaft	416 Stainless Steel
5	Taper Pin	316 Stainless Steel
6	Key	Carbon Steel
7	O-ring	EPDM
8-10	Bushing	PTFE



## SIZE \ DIMENSION (in) for HBFV and BF8200 Series

	A	B	C	D	E	F	G	H	J	K	L2	M2	N	O
2"	6 3/8	3 1/4	1 3/4	1 1/4	1/2	3/8	2.76	.39	2 3/4	4 3/4	11/16	4	4	1.26
2 1/2"	6 7/8	3 3/4	1 7/8	1 1/4	1/2	3/8	2.76	.39	2 3/4	5 1/2	11/16	4	4 3/4	1.83
3"	7 1/8	4	1 7/8	1 1/4	1/2	3/8	2.76	.39	2 3/4	6	11/16	4	5 1/8	2.54
4"	7 7/8	4 7/8	2 1/8	1 1/4	5/8	3/8	2.76	.47	2 3/4	7 1/2	11/16	4	6 3/4	3.54
5"	8 3/8	5 3/8	2 1/4	1 3/16	3/4	3/8	2.76	.55	2 3/4	8 1/2	13/16	4	7 3/4	4.36
6"	8 7/8	5 7/8	2 1/4	1 1/4	3/4	3/8	2.76	.55	2 3/4	9 1/2	13/16	4	8 5/8	5.72
8"	10 1/4	7 1/8	2 1/2	1 3/4	7/8	7/16	4.02	.67	3 3/4	11 3/4	13/16	4	10 9/16	7.6
10"	11 1/2	8 1/4	2 3/4	1 3/4	1 1/8	7/16	4.02	.87	3 3/4	14.14	15/16	4	13 1/16	9.5
12"	13 1/4	9 3/4	3 1/8	1 3/4	1 1/4	7/16	4.02	.95	3 3/4	17	15/16	4	16 1/8	11.45



# Butterfly Valves - PVC Sch 80



PBFV Series

**ISO 9002**

## MATERIAL SPECIFICATIONS

No.	Part	Material	Qty
1	Body	PVC	1
2	Disc	PP	1
3	Seat Seal	EPDM	1
4	Stem	SS 410	1
5	O-ring	EPDM	2
6	O-ring	EPDM	2
7	Inserted Nut	SS 41	3
8	Large Handle	ABS	1
9	Small Handle	ABS	1
10	Spring Lock	ABS	1
11	Handle Insert	SS	1
12	Handle Lever	SS 304	1
13	Spring	SS 304	1
14	Spring Pin	SS 304	1
15	Spring Pin	SS 304	1
16	Washer	SS 304	1
17	Locking Plate	SS 304	1
18	Gear Seat	PP + GF	1
19	Washer	SS 304	1
20	Bolt	SS 304	3
21	Nut	PVC	1
22	Insert Nut	C3604	1
23	Level	SS 304	1
24	Rivet	SS	2

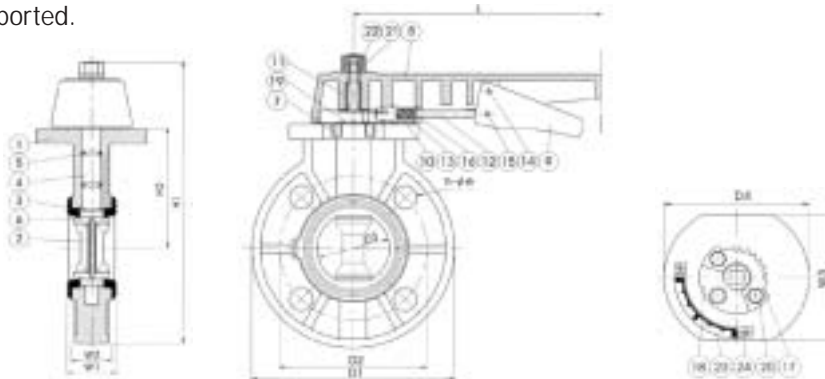
CV (GPM/(1 lbf/in<sup>2</sup>)<sup>1/2</sup>)

Opening Rate: 90°

SIZE	CV
2"	100.87
2 1/2"	137.82
3"	224.08
4"	409.51
5"	523.92
6"	1243.00

## PVC Sch 80 Butterfly Valves Features:

- 150 PSI working pressure.
- PVC body, polypropylene disc, and EPDM seat and o-ring.
- Flanged end design.
- Corrosion resistant.
- Excellent flow characteristics.
- Ideally suited for flow control in a minimum piping space.
- Clear indication of disc opening degree.
- Built in seat requires no additional gaskets between flanges.
- Manufactured for AGI in an ISO 9002 facility.
- Imported.



## DIMENSIONS \ SIZE (in)

	2"	2 1/2"	3"	4"	5"	6"	8"
D1	6.44	7.22	7.80	8.93	9.98	11.12	13.38
D2	4.70	5.44	5.94	7.43	8.42	9.42	11.64
D3	2.20	2.71	3.10	4.01	5.11	6.02	7.91
D4	4.13	4.66	4.84	5.26	6.40	6.64	7.84
L	7.92	7.92	7.92	9.91	11.86	11.86	11.86
H1	9.59	10.37	10.76	12.40	15.21	15.80	18.17
H2	4.02	4.41	4.49	5.27	5.85	6.90	8.19
W1	1.67	1.85	1.85	2.23	2.57	2.88	3.41
W2	1.35	1.45	1.45	1.83	2.22	2.53	3.06
W3	3.67	3.67	3.66	3.89	4.31	3.93	4.76
n-oe	.741	.741	.741	.741	.858	.858	.858

Part Number	Description	Ctn Qty	List Price
PBFV2	2" PVC Butterfly valve	4	\$ 209.10
PBFV21/2	2 1/2" PVC Butterfly valve	4	214.20
PBFV3	3" PVC Butterfly valve	4	219.30
PBFV4	4" PVC Butterfly valve	4	249.90
PBFV5	5" PVC Butterfly valve	4	346.80
PBFV6	6" PVC Butterfly valve	4	394.74
PBFV8	8" PVC Butterfly valve	1	581.40
<b>Replacement handles</b>			
PBFV2 HANDLE	2" PVC valve handle	1	26.04
PBFV21/2 HANDLE	2 1/2" PVC valve handle	1	26.04
PBFV3 HANDLE	3" PVC valve handle	1	26.04
PBFV4 HANDLE	4" PVC valve handle	1	32.01
PBFV5 HANDLE	5" PVC valve handle	1	43.25
PBFV6 HANDLE	6" PVC valve handle	1	43.70
PBFV8 HANDLE	8" PVC valve handle	1	43.70

# Butterfly Valves - PVC Sch 80

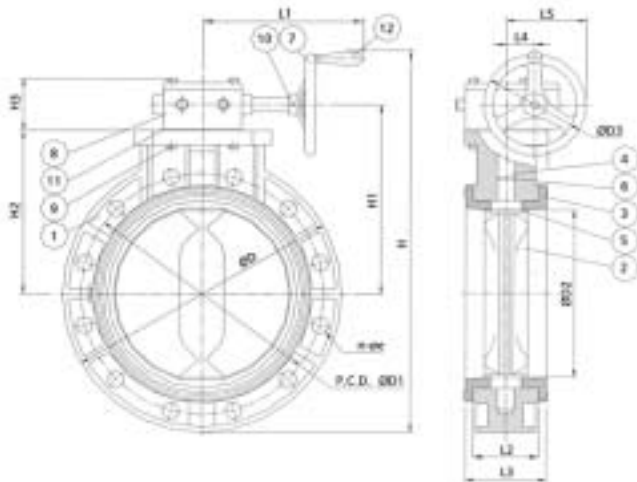


PBFV-GEAR Series

**ISO 9002**

## PVC Sch 80 Butterfly Valves with Gear Drive Features:

- 150 PSI working pressure on 8", 10"
- 100 psi working pressure on 12"
- PVC body, polypropylene disc, and EPDM seat and o-ring.
- Gear drive provides lower torque while closing.
- Flanged end design.
- Corrosion resistant.
- Excellent flow characteristics.
- Ideally suited for flow control in a minimum piping space.
- Clear indication of disc opening degree.
- Built in seat requires no additional gaskets between flanges.
- Manufactured for AGI in an ISO 9002 facility.
- Imported.



## DIMENSIONS \ SIZE (in)

	8"	10"	12"
D	13.50	16.18	19.29
D1	11.73	14.25	17.01
D2	7.87	10.04	12.24
D3	7.87	7.87	9.84
H	21.26	23.23	28.03
H1	9.84	11.02	13.27
H2	8.27	9.45	11.69
H3	2.99	2.99	2.99
L1	10.91	10.95	12.99
L2	3.09	3.76	4.59
L3	3.45	4.33	5.20
L4	2.24	2.24	2.36
L5	6.18	6.18	7.28
n-oe	.867(8)	.985 (12)	.985 (12)

## MATERIAL SPECIFICATIONS

No.	Part	Material	Qty
1	Body	PVC	1
2	Disc	PP	1
3	Seat Seal	EPDM	1
4	Stem	SS 410	1
5	O-ring	EPDM	2
6	O-ring	EPDM	2
7	Hand wheel	FC20	1
8	Gear box	CI	1
9	Bolt & Washer	SS304	4
10	Spring Pin	Steel	1
11	Packing	EPDM	1
12	Small Handle	Steel	1

Part Number	Description	Ctn Qty	List Price
PBFV8-GEAR	8" PVC Butterfly valve w/gear	1	\$ 891.55
PBFV10-GEAR	10" PVC Butterfly valve w/gear	1	1,098.04
PBFV12-GEAR	12" PVC Butterfly valve w/gear	1	1,520.06



# Flanges - PVC Sch 80



PF Series

**ISO 9002**

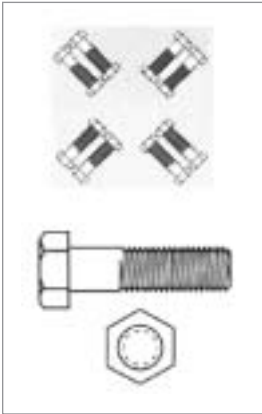
## PVC Sch 80 Van Stone Flange Features:

- Two-piece van stone socket style.
- Class 150, Schedule 80
- Improve the security and safety of connections between pipes, valves and fittings.
- Manufactured for AGI in an ISO 9002 facility.
- Imported.

	DIMENSIONS \ SIZE (in)						
	2"	3"	4"	6"	8"	10"	12"
D1	5.93	7.49	8.93	11.08	13.38	15.83	18.76
D2	4.72	5.93	7.45	9.40	11.62	14.12	16.85
D3	2.96	4.21	5.19	7.45	9.28	12.09	14.20
d	1.99	3.00	3.98	6.08	7.96	9.98	11.97
d1	2.35	3.46	4.45	6.55	8.53	10.64	12.62
d2	2.37	3.48	4.48	6.59	8.57	10.68	12.67
H	1.68	2.11	2.50	3.32	4.60	5.85	7.45
T	.78	1.01	1.09	1.25	1.40	1.64	1.64
l	1.49	1.86	2.23	2.97	3.98	4.80	6.44
n-oe	.741	.741	.741	.858	.858	.936	.975

Part Number	Description	Ctn Qty	List Price
PF2	2" Flange	60	\$ 11.79
PF3	3" Flange	30	19.29
PF4	4" Flange	20	25.82
PF6	6" Flange	10	40.07
PF8	8" Flange	4	65.11
PF10	10" Flange	2	87.00
PF12	12" Flange	2	107.25

# Butterfly Valves - Bolt kits, Gaskets



BBK Series

## Bolt Kit Features:

- For use with cast iron and PVC butterfly valves. BF8200, HBFV and PBFV Series
- 2" through 12" available
- ASTM-A307 grade black steel bolts and A563 finished nuts
- Blister packed
- Washers NOT included- Available upon request.
- Gaskets NOT included - Available upon request.

Part Number	Valve Size	Bolt Size	Bolts/Kit	Ctn Qty	List Price
BBK2	2"	5/8" x 5"	4	16	\$ 13.01
BBK2.5/3	2 1/2" and 3"	5/8" x 5 1/2"	4	16	14.02
BBK4	4"	5/8" x 6"	8	16	27.31
BBK5/6	5" and 6"	3/4" x 6 1/2"	8	8	44.82
BBK8	8"	3/4" x 7"	8	8	50.24
BBK10	10"	7/8" x 7 1/2"	12	3	111.91
BBK12	12"	7/8" x 8 1/2"	12	3	120.65



GSK Series

## Red Rubber Gasket Features:

- For use with butterfly valves, Sch 80 flanges
- Red rubber
- 150 lbs.
- 1/8"
- Full face

Part Number	Valve Size	Ctn Qty	List Price
GSK11/2R	1 1/2"	1	\$2.38
GSK2R	2"	1	3.27
GSK21/2R	2 1/2"	1	4.17
GSK3R	3"	1	4.94
GSK4R	4"	1	6.73
GSK5R	5"	1	7.86
GSK6R	6"	1	8.87
GSK8R	8"	1	12.38
GSK10R	10"	1	16.85
GSK12R	12"	1	24.88