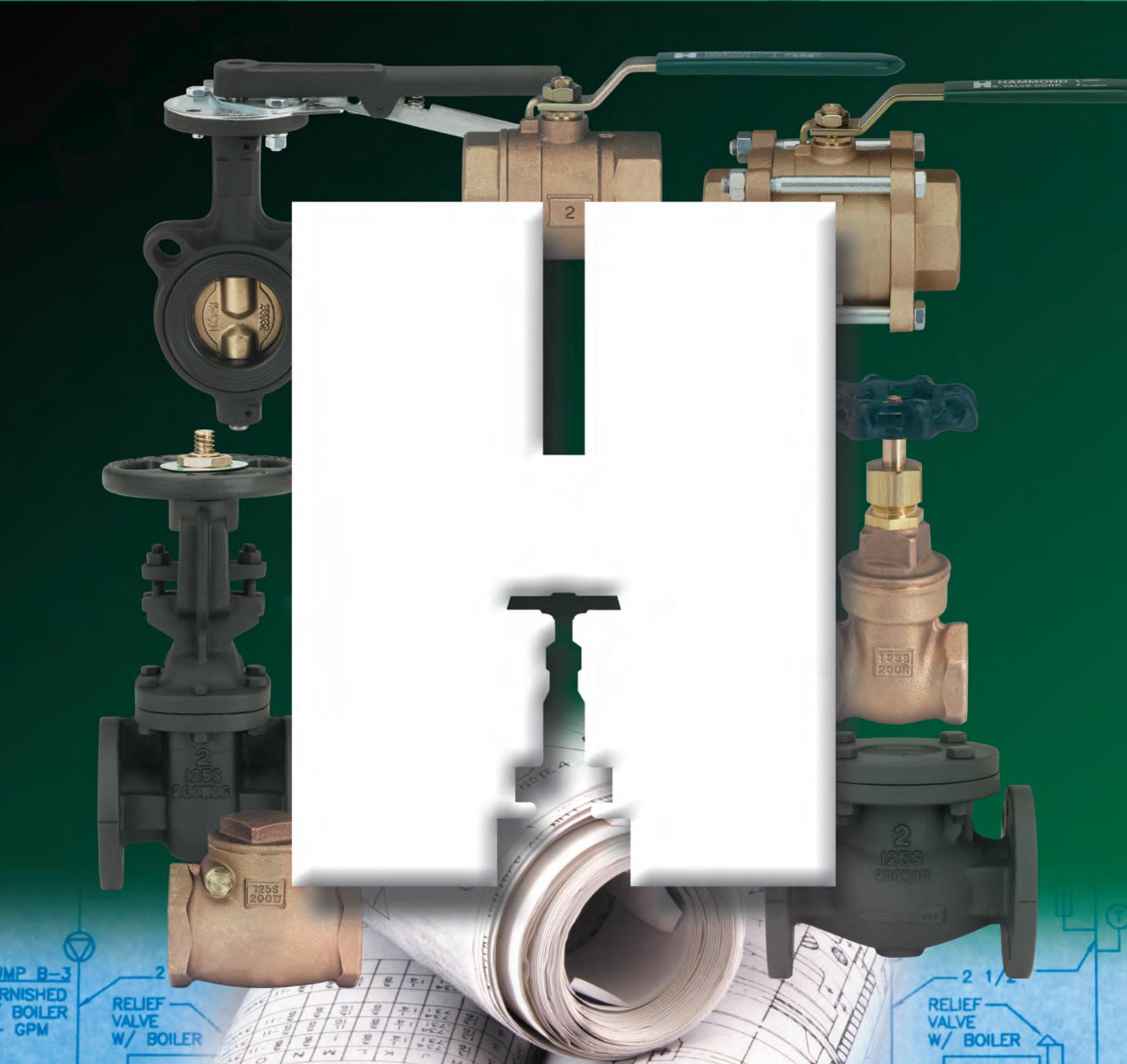


CONDENSED CATALOG



QUALITY YOU CAN BUILD ON





Pressed for time?

JUST PRESS, CRIMP AND TRIPLE YOUR PRODUCTIVITY¹.

Reduce installation time up to 68% with Hammonds's extensive new line of UltraPress press-connection valves. Perfect for potable water, HVAC and inert gas systems, UltraPress valves quickly install without brazing, soldering or special tools. With no open flame required, water service connections can be made wet or dry for faster, easier repairs. Plus, UltraPress eliminates heat-installation costs like solder, flux, propane torches, oxygen/gas bottles and "hot" work permits.

Available in fully annealed brass, bronze and lead-free² UltraPure[®] alloys—in ball, gate, globe and check styles—you're sure to find the valves you need. Accessories, too, like extension, INSULATOR/MS[™] and lockout handles.

See the full line of UltraPress products, additional features, full specifications, and a downloadable brochure at www.UltraPressValves.com.

¹ Estimate based on MCAA's WebLEM (Web-based Labor Estimating Manual).

² Lead content less than 0.25%, defined as lead-free by US Senate Bill S.3874.
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ULTRAPRESS



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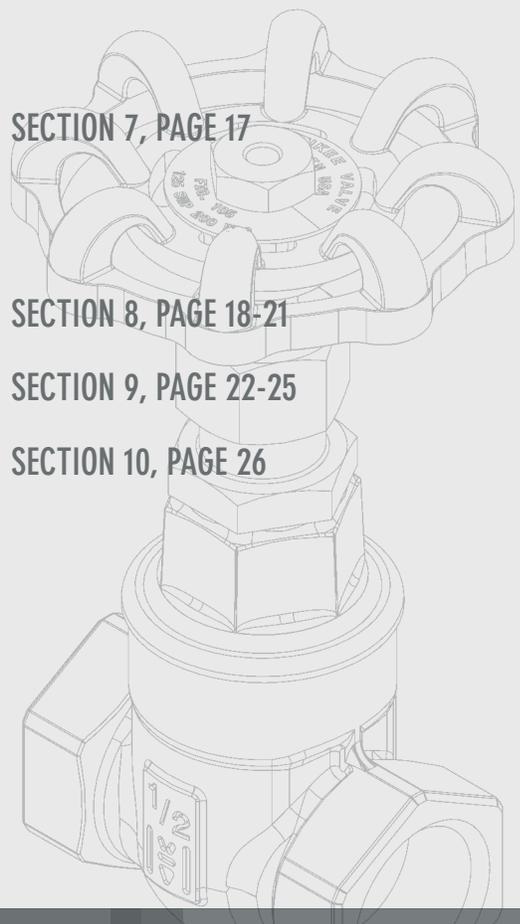
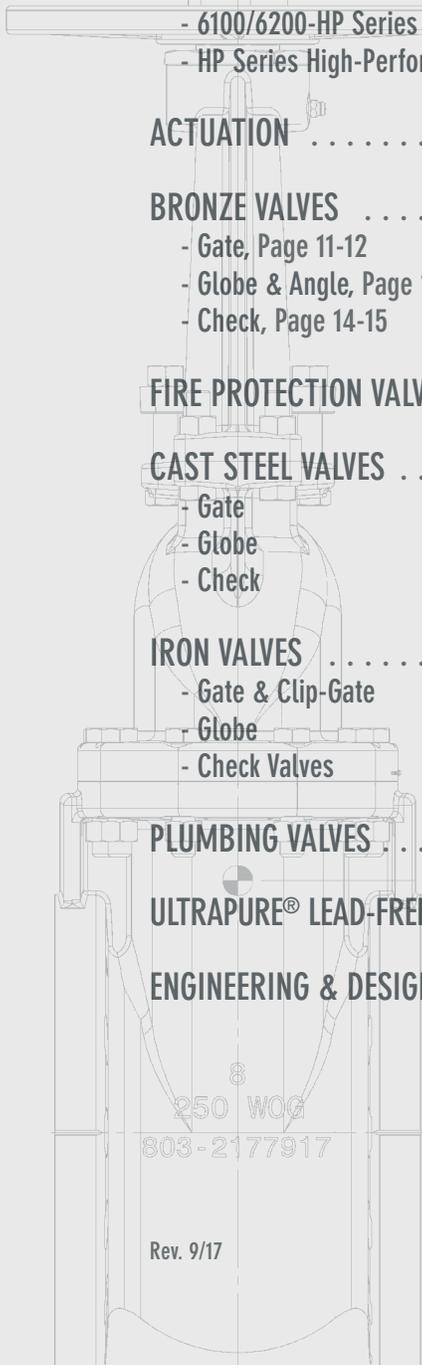
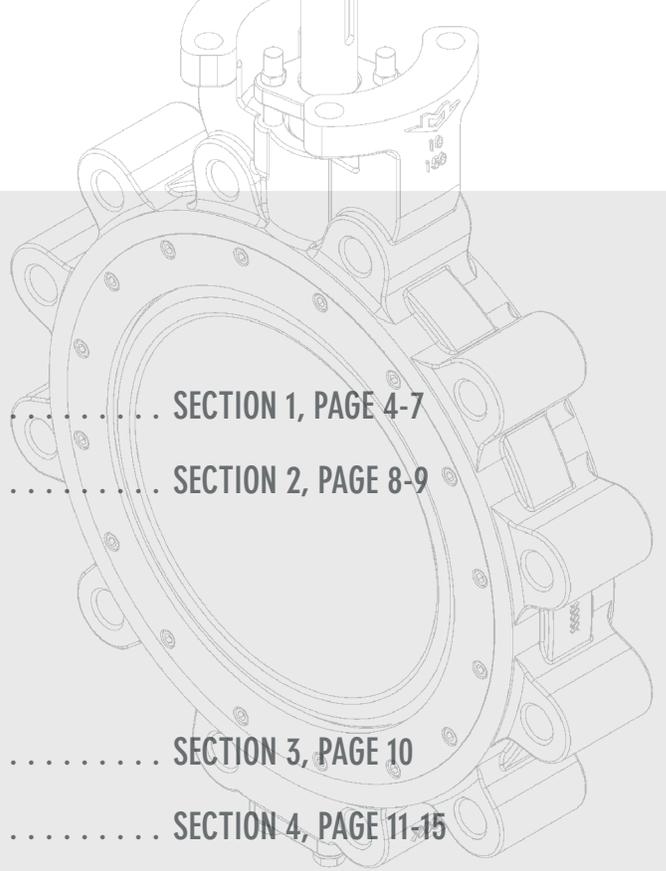
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8
250 WOG
803-2177917

Rev. 9/17

BALL VALVES



8501-16



8501 P2



8501H

Options/Accessories

- 8501/8503
- 8511/8513
- Insulator Handle with Memory Stop (16)
- Oval Handle (04)
- Stainless Steel Handle (08)
- Extension Handle with Memory Stop (09)
- Extension Handle (06)
- Memory Stop (02)
- Tee Handle (03)
- Chain Lever (12)
- Locking Handle (07)

2-PIECE BRONZE

Standard Port

8501 / 8503

600 WOG 150 SWP, MSS SP-110, Threaded, 8503 with Stainless Steel Ball and Stem 1/4" thru 3"

8501E / 8503E

125 psig, MSS SP-110, Latch Lock Handle, Threaded with Exhaust Port, 8503E with Stainless Steel Ball and Stem 1/4" thru 2"

8501M

600 WOG 150 SWP, MSS SP-110, Male x Female 1/4" thru 2"

8501 P2 / 8503 P2

200 psig @ 250°F, MSS SP-110, Press X Press, 8503 P2 with Stainless Steel Ball and Stem 1/2" thru 2"

8511 / 8513

600 WOG, MSS SP-110, Solder, 8513 with Stainless Steel Ball & Stem 3/8" thru 3"

Full Port

8501H

600 WOG, MSS SP-110, Threaded With Hose, Cap and Chain 1/2" and 3/4"

8511H

600 WOG, MSS SP-110, Solder With Hose, Cap and Chain 1/2" and 3/4"

8501H P1 / 8503H P1

200 psig @ 250°F, MSS SP-110, Press X Hose, 8503H P1 with Stainless Steel Ball & Stem 1/2" and 3/4"



8301A



UP8501 P2-06



UP8501 P2-16

Options/Accessories

- 8301A/8303A / 8311A/8313A
- UP8501/UP8503 / UP8511/UP8513
- Insulator Handle with Memory Stop (16)
- Oval Handle (04)
- Stainless Steel Handle (08)
- Extension Handle with Memory Stop (09)
- Extension Handle (06)
- Memory Stop (02)
- Tee Handle (03)
- Chain Lever (12)
- Locking Handle (07)

continued

2-PIECE BRONZE

Full Port

8301A / 8303A

600 WOG 150 SWP, MSS SP-110, Threaded, 8303A with Stainless Steel Ball & Stem 1/4" thru 2"

8301A P2 / 8303A P2

200 psig @ 250°F, MSS SP-110, Press X Press, 8303A with Stainless Steel Ball & Stem 1/2" thru 2"

8311A / 8313A

600 WOG, 150 SWP, MSS SP-110, Solder, 8313A with Stainless Steel Ball & Stem 3/8" thru 2"

2-PIECE BRONZE LEAD-FREE BRONZE BALL VALVES FOR POTABLE WATER SERVICE



Standard Port

UP8501 / UP8503 *

600 WOG, MSS SP-110, Threaded, UP8503 with Stainless Steel Ball & Stem 1/4" thru 3"

UP8501 P2 / UP8503 P2 *

200 psig @ 250°F, MSS SP-110, Press X Press, UP8503 with Stainless Steel Ball and Stem 1/2" thru 2"

UP8511 / UP8513 *

600 WOG, MSS SP-110, Solder, UP8513 with Stainless Steel Ball & Stem 3/8" thru 3"



UP8501H



UP8301A P2-16



UP8311A

Options/Accessories

UP8501/UP8511
 UP8301A/UP8303A
 UP8311A/UP8313A
 Insulator Handle with Memory Stop (16)
 Oval Handle (04)
 Stainless Steel Handle (08)
 Extension Handle with Memory Stop (09)
 Extension Handle (06)
 Memory Stop (02)
 Tee Handle (03)
 Chain Lever (12)
 Locking Handle (07)

continued
2-PIECE
BRONZE LEAD-FREE
BRONZE BALL
VALVES FOR POTABLE
WATER SERVICE

**Full Port**

UP8501H *
 600 WOG, MSS SP-110, Threaded
 With Hose, Cap and Chain
 1/2" and 3/4"

UP8511H *
 600 WOG, Solder with Hose,
 Cap and Chain
 1/2" and 3/4"

UP8301A / UP8303A *
 600 WOG, MSS SP-110, Threaded,
 UP8303A with Stainless Steel
 Ball & Stem
 1/4" thru 2"

UP8501H P1 *
 200 psig @ 250°F, MSS SP-110,
 Press X Hose
 1/2" and 3/4"

UP8301A P2 / UP8303A P2 *
 200 psig @ 250°F, MSS SP-110,
 Press X Press, UP8303A with
 Stainless Steel Ball and Stem
 1/2" thru 2"

UP8311A / UP8313A *
 600 WOG, MSS SP-110, Solder,
 UP8313A with Stainless Steel
 Ball & Stem
 1/2" thru 2"



8201



8901



BA-480S

Options/Accessories

8201/8211
 Oval Handle (04)
 Stainless Steel Handle (08)
 Memory Stop (02)
 Tee Handle (03)
 Locking Handle (07)
 Extension Handle (06)
 8901/8911 / BA-480B/BA-490B
 Insulator Handle with Memory Stop (16)
 Oval Handle (04)
 Stainless Steel Handle (08)
 Extension Handle (06)
 Memory Stop (02)
 Tee Handle (03)
 Locking Handle (07)

2-PIECE FORGED BRASS

Standard Port

8201
 400 WOG, Threaded
 1/4" thru 4"

8211
 400 WOG, Solder
 3/8" thru 3"

Full Port

8901
 600 WOG (1/4" thru 3"), 400
 WOG (4"), CSA/UL/FM/CGA
 Approved to 2", Threaded
 1/4" thru 4"

8911
 600 WOG (1/2" thru 3"), 400
 WOG (4"), Heavy Pattern, Solder
 1/2" thru 4"

BA-480B / BA-480S

200 psig @ 250°F, Press X
 Press, BA-480S with
 Stainless Steel Ball & Stem
 1/2" thru 3"

BA-490B / BA-490S

200 psig @ 250°F, Press X
 Threaded, BA-490S with
 Stainless Steel Ball & Stem
 1/2" thru 2"

BA-480BH / BA-480SH

200 psig @ 250°F, Press X Hose,
 BA-480SH with Stainless Steel
 Ball & Stem,
 1/2" thru 3/4"

BA-481B

200 psig @ 250°F, Press X
 Press, Extension Stem with
 Memory stop,
 1/2" thru 3"

BA-491B

200 psig @ 250°F, Press X
 Threaded, Extension stem with
 Memory Stop,
 1/2" thru 2"

BALL VALVES



UP8901



UPBA-480



UPBA-481B

Options/Accessories

UP8901/UP8911

UPBA-480B/UPBA-490B

Insulator Handle with Memory Stop (16)

Oval Handle (04)

Stainless Steel Handle (08)

Extension Handle (06)

Memory Stop (02)

Tee Handle (03)

Locking Handle (07)

2-PIECE LEAD-FREE FORGED BRASS BALL VALVES FOR POTABLE WATER SERVICE

Full Port

UP8901 *

600 WOG (1/4" thru 2") 400 WOG (2-1/2" thru 3") MSS SP-110, UL/CSA Rated to 2", Threaded 1/4" thru 3"

UP8911 *

600 WOG (1/2" thru 2") 400 WOG (2-1/2" thru 3"), MSS SP-110, Solder 1/2" thru 3"

UPBA-480B / UPBA-480S *

200 psig @ 250°F, MSS SP-110, Press X Press, UPBA-480S with Stainless Steel Ball and Stem 1/2" thru 4"

UPBA-480BH / UPBA-480SH *

200 psig @ 250°F, Press X Hose, BA-480SH with Stainless Steel Ball & Stem, 1/2" and 3/4"

UPBA-481B / UPBA-481S *

200 psig @ 250°F, MSS SP-110, Press X Press, Extension Stem With Memory Stop, UPBA-481S with Stainless Steel Ball and Stem 1/2" thru 2"

UPBA-490B / UPBA-490S *

200 psig @ 250°F, MSS SP-110, Press X Threaded, UPBA-490S with Stainless Steel Ball and Stem 1/2" thru 2"

UPBA-491B / UPBA-491S *

200 psig @ 250°F, MSS SP-110, Press X Threaded, Extension Stem With Memory Stop, UPBA-491S with Stainless Steel Ball and Stem 1/2" thru 2"



8111

2-PIECE BRASS CIRCULATOR-FLANGE

8100

600 WOG, Full Port, Sold in Pkg. of 2, Threaded 3/4" thru 1-1/4"

8111

600 WOG, Full Port, Sold in Pkg. of 2, Solder 3/4" thru 1-1/4"



8604-16



8614-TE



UP8614

Options/Accessories

8604/8603 / 8614/8613
 UP8604/UP8603 / UP8614/UP8613
 Insulator Handle with Memory Stop (16)
 Oval Handle (04)
 Stainless Steel Handle (08)
 Extension Handle with Memory Stop (09)
 Extension Handle (06)
 Memory Stop (02)
 Tee Handle (03)
 Chain Lever (12)
 Locking Handle (07)

3-PIECE BRONZE BALL VALVES

Full Port

8604 / 8603
 600 WOG, 150 SWP, MSS SP-110, Threaded, 8603 with Stainless Steel Ball & Stem
 1/4" thru 3" *

8614 / 8613
 600 WOG, 150 SWP, MSS SP-110, Solder, 8613 with Stainless Steel Ball and Stem
 3/8" thru 3"

8604 P2 / 8603 P2
 200 psig @ 250°F, MSS SP-110, Press X Press, 8603 P2 with Stainless Steel Ball and Stem
 1/2" thru 2"

8614TE / 8613TE
 600 WOG, 150 SWP, Solder, 8613TE with Stainless Steel Ball and Stem, Tube End
 1/2" thru 2"

3-PIECE LEAD-FREE BRONZE BALL VALVES FOR POTABLE WATER

Full Port

UP8604 / UP8603 *
 600 WOG, MSS SP-110, Threaded, UP8603 with Stainless Steel Ball & Stem
 1/4" thru 3"

UP8614 / UP8613 *
 600 WOG, MSS SP-110, Solder, UP8613 with Stainless Steel Ball & Stem
 3/8" thru 3"

UP8604 P2 / UP8603 P2 *
 200 psig @ 250°F, MSS SP-110, Press X Press, UP8603 P2 with Stainless Steel Ball & Stem
 1/2" thru 2"



BA-260

2-PIECE, STAINLESS

Full Port

BA-260
 1000 WOG, Stainless Steel Body and Ball, RPTFE Seats, Locking Handle, Threaded
 1/4" thru 3"

* Meets Senate law S3874. IAPMO tested and certified to NSF/ANSI 372 for "lead-free" compliance.

BUTTERFLY VALVES



5211-03



5111-03

5000 SERIES — COMMERCIAL BUTTERFLY

Concentric valve to MSS SP-67, Available in lug or wafer body. 5000 Series IAPMO tested and certified against NSF/ANSI 372 for lead-free* compliance.

Body: Cast Iron ASTM A126

Class B

Disc: AlBr (Aluminum Bronze)

Stem: 416 Stainless Steel

Liner: EPDM

2" thru 12" rated at 200 WOG

14" thru 48" rated at 150 WOG

These valves are based on our 6000 Series, but intended for commercial applications in HVAC and similar systems. The valves feature a

phenolic-backed rubber seat with optimized disc and stem design for reliable sealing, low torque, and long life. Lug

butterfly valves 2" thru 12" are bi-directional dead-end

service to 200 psig max. Valves 14" thru 24" are rated for

uni-directional dead-end service

to 150 psig. The valves are

available with 10-position

locking-lever handles (up to

12 inch) and gear operators.



6111-03



6211-03



6211-02

6000 SERIES — INDUSTRIAL BUTTERFLY*

Concentric valve to MSS SP-67, Available in lug or wafer body.

Disc: Ni-plated Ductile Iron, AlBr, or Stainless Steel, nylon and epoxy-coated optional.

Stem: 416 or 316 Stainless Steel.

Liner: EPDM, Buna, FDA

Neoprene, PTFE, Hypalon, Viton

and many other options.

Body: Cast iron ASTM A126

Class B or Ductile Iron ASTM

A536 65-45-12

2" thru 12" rated at 200 WOG

14" thru 48" rated at 150 WOG

These valves feature a phenolic-backed rubber seat with optimized disc and stem design for reliable sealing, low torque, and long life.

Lug butterfly valves 2" thru 12" are bi-directional dead-end

service to 200 psig max. BUNA and EPDM only. All others 150

psig uni-directional field repairable. Valves 14" thru 24"

rated for uni-directional dead-end service to 150 psig.

The valves are available with

on-board actuation direct from

the factory, 10 position locking

lever handles (up to 12 inch),

gear operators, or other

options — consult the factory.

• Available in Low Lead

6411-00/6411-01/6411-03

2" thru 12"

6411-00/6411-03

14" thru 24"

Options/Accessories
Rubber-Lined Butterfly
Electric Actuation
Pneumatic Actuation

Options/Accessories
Rubber-Lined Butterfly
Electric Actuation
Pneumatic Actuation



6411-00/6411-01/6411-03
(PICTURED WITH BARE STEM)



5111-03



HPILCS WITH LEVER HANDLE

Options/Accessories
Rubber-Lined Butterfly
High Performance Butterfly
Electric Actuation
Pneumatic Actuation

LEAD-FREE COMMERCIAL BUTTERFLY



6411-00/6411-01/6411-03 *

Ductile Iron Body, Lug Style, Aluminum Bronze Disc, EPDM Liner, Bi-Directional Dead-End Service 200 psig Max, IAPMO Tested and certified against NSF/ANSI 372 for "Lead-free" compliance. 2" thru 12"

6411-00/6411-03 *

Ductile Iron Body, Lug Style, Aluminum Bronze Disc, EPDM Liner, Bi-Directional Dead-End Service 200 psig Max 2" thru 12", Uni-Directional Dead-End Service 150 psig Max, 14" thru 24", IAPMO Tested and certified against NSF/ANSI 372 for "Lead-free" compliance.

5000 Series *

Cast Iron Body, Lug Style, Aluminum Bronze Disc, EPDM Liner, Bi-Directional Dead-End Service 200 psig Max 2" thru 12", Uni-Directional Dead-End Service 150 psig Max, 14" thru 24", IAPMO Tested and certified against NSF/ANSI 372 for "Lead-free" compliance.

HP SERIES HIGH PERFORMANCE BUTTERFLY

Double offset valve designed to MSS SP-68, ASME B16.34, and API 609, Category B. Available in lug or wafer body, ANSI Class 150 and 300 in sizes 2-1/2" thru 36" Body: A216 WCB carbon steel or ASTM A351 CF8M Stainless Steel



HPILCS WITH GEAR OPERATOR



HPILSS WITH GEAR OPERATOR



6211-02-HP



6211-03-HP

Options/Accessories
Rubber-Lined Butterfly
High Performance Butterfly
Electric Actuation
Pneumatic Actuation

continued HP SERIES HIGH PERFORMANCE BUTTERFLY

Disc: ASTM A351 CF8M
Stainless Steel
Stem: 17-4PH or 316
Stainless Steel

Seats: RTFE standard, Virgin PTFE, UHMWPE and other options. These valves feature a double offset seat and disc design for superior sealing with no leakage and minimal seat contact and wear. The valves are available with on-board actuation direct from the factory, 10 position locking lever handles (up to 8 inch), gear operators on all valves, for other actuation options or accessories, consult the factory.

6100/6200-HP SERIES HIGH-PRESSURE INDUSTRIAL BUTTERFLY

Concentric valve to MSS SP-67, Available in lug or wafer body. Body: Ductile iron ASTM A536 65-45-12
Disc: Ni Plated DI, AlBr, or Stainless Steel.

Stem: 416 or 316 Stainless Steel
Liner: EPDM, Buna, Viton.
2" thru 12" rated at 250 WOG
14" thru 24" rated at 200 WOG
The H Series is tested and rated for higher-pressure services. Lug butterfly valves 2" thru 12" are uni-directional dead-end service to 200 psig max. BUNA and EPDM only. Valves 14" thru 24" are rated for uni-directional dead end service to 150 psig.



6000 SERIES BUTTERFLY VALVE WITH PNEUMATIC ACTUATOR



HP SERIES LUG BUTTERFLY VALVE WITH PNEUMATIC ACTUATOR

PNEUMATIC ACTUATION

Actuation Options

Double-Acting Actuators
Spring-Return Actuators
Solenoid Valves
Actuator Brackets
Limit Switches
Valve Positioners

BA-260 2-Piece Stainless Steel Ball Valves

Available on 1/4" thru 3" Valves.

Butterfly Valves

Available on HP Series High-Performance Butterfly Available in Wafer and Lugged Patterns.
Available on 2" thru 48" Valves.
Available on Class 150 2-6" thru 36".
Available on Class 300 2-1/2" thru 36".
Available on 5000 and 6000 Series Butterfly Valves.
Available on Wafer and Lugged Patterns.
Available on 2" thru 48".



BA-260 BALL VALVE WITH ELECTRIC ACTUATOR



6000 SERIES BUTTERFLY VALVE WITH ELECTRIC ACTUATOR



HP SERIES LUG BUTTERFLY VALVE WITH ELECTRIC ACTUATOR

ELECTRIC ACTUATION

Actuation Options

120 Volt AC and DC Voltages
NEMA 4 and 7 Housings
4-20 maDC Valve Positioners
Actuator Brackets
Extra Limit Switches
Reversing Actuators

BA-260 2-Piece Stainless Steel Ball Valves

Available on 1/4" thru 3" Valves.

Butterfly Valves

Available on HP Series High-Performance Butterfly Valves.
Available in Wafer and Lugged Patterns.
Available on 2" thru 48" valves.
Available on Class 150 2-1/2" thru 36".
Available on Class 300 2-1/2" thru 36".
Available on 5000 and 6000 Series Iron Butterfly Valves.
Available on Wafer and Lugged Patterns.
Available on 2" to 48" valves.



IB645

BRONZE GATE VALVES, NON-RISING STEM

Threaded End

IB645
125 SWP-200 WOG, MSS SP-80,
Threaded Bonnet
1/4" thru 4"

IB646
150 SWP-300 WOG, MSS SP-80,
Threaded Bonnet
1/4" thru 4"

IB638
150 SWP-300 WOG, MSS SP-80,
Union Bonnet
1/4" thru 2"

IB656
300 SWP-1000 WOG,
Stainless-Steel Seats,
MSS SP-80, Union Bonnet
1/4" thru 2"

UP645 *
UltraPure Lead Free Bronze,
Threaded, 300 WOG, MSS SP-80,
Threaded Bonnet
1/4" thru 2"

UP667 *
UltraPure Lead Free Brass,
Threaded, 200 WOG, Threaded
Bonnet
1/4" thru 2"

Solder End

IB647
125 SWP-200 WOG, MSS SP-80,
Threaded Bonnet
3/8" thru 4"

UP647 *
UltraPure Lead-Free Bronze, 300
WOG, MSS SP-80, Threaded Bonnet
3/8" thru 2"

UP668 *
UltraPure Lead-Free Brass, Solder,
200 WOG, Threaded Bonnet
1/4" thru 2"



UP647



IB638 P2



UP645 P2



IB640

continued BRONZE GATE VALVES, NON-RISING STEM

Press x
Press Ends **ULTRAPRESS**

IB645 P2
200 psig @ 250°F, MSS SP-80,
Threaded Bonnet
1/2" thru 2"

IB638 P2
200 psig @ 250°F, MSS SP-80,
Union Bonnet
1/2" thru 2"

UP645 P2 *
UltraPure Lead-Free Bronze,
200 psig @ 250°F, MSS SP-80,
Threaded Bonnet
1/2" thru 2"

BRONZE GATE VALVES, RISING STEM

Threaded End

IB640
125 SWP-200 WOG, MSS SP-80,
Threaded Bonnet
1/4" thru 4"

IB641
150 SWP-300 WOG, MSS SP-80,
Threaded Bonnet
1/4" thru 4"

Press x
Press Ends **ULTRAPRESS**

IB640 P2
125 SWP-200 psig @ 250°F,
MSS SP-80, Threaded Bonnet
1/2" thru 2"

* Meets Senate law S3874. IAPMO tested and certified to NSF/ANSI 372 for "lead-free" compliance.

BRONZE VALVES



UP640



IB651



IB651

continued BRONZE GATE VALVES, RISING STEM

Threaded End

UP640 *
UltraPure Lead-Free Bronze,
300 WOG, MSS SP-80,
Threaded Bonnet
1/4" thru 2"

IB617
125 SWP-200 WOG,
MSS SP-80, Union Bonnet
1/4" thru 3"

IB629
150 SWP-300 WOG, MSS SP-80,
Union Bonnet
1/4" thru 3"

IB650
200 SWP-400 WOG, Cu-Ni Seat
Ring, MSS SP-80, Union Bonnet
1/4" thru 2"

IB651
200 SWP-400 WOG, Stainless-
Steel Seat Ring, MSS SP-80,
Union Bonnet
1/4" thru 3"

IB652
300 SWP-1000 WOG, Cu-Ni Seat
Ring, MSS SP-80, Union Bonnet
1/4" thru 2"

IB654
300 SWP-1000 WOG,
Stainless-Steel Seat Ring,
MSS SP-80, Union Bonnet
1/4" thru 3"

Solder End

IB635
125 SWP-200 WOG, MSS SP-80,
Threaded Bonnet
3/8" thru 4"



IB648



UP635



UP640 P2

continued BRONZE GATE VALVES, RISING STEM

Solder End

IB648
150 SWP-300 WOG,
MSS SP-80, Union Bonnet
3/8" thru 3"

UP635 *
UltraPure Lead-Free Bronze,
300 WOG, MSS SP-80,
Threaded Bonnet
3/8" thru 2"

Press x
Press Ends



IB640 P2
200 psig @ 250°F,
MSS SP-80, Threaded Bonnet
1/2" thru 2"

IB617 P2
200 psig @ 250°F,
MSS SP-80, Union Bonnet
1/2" thru 2"

UP640 P2 *
UltraPure Lead-Free Bronze,
200 psig @ 250°F, MSS SP-80,
Threaded Bonnet
1/2" thru 2"



IB440



IB413T P2



IB444

BRONZE GLOBE VALVES

Threaded Ends

IB440

125 SWP-200 WOG, MSS SP-80, Bronze Disc, Threaded Bonnet 1/8" thru 3"

IB415

200 SWP-400 WOG, MSS SP-80, Needle Disc, Threaded Bonnet 1/8" thru 3/4"

IB413T

150 SWP-300 WOG, MSS SP-80, PTFE Disc, Union Bonnet 1/8" thru 3"

IB412

300 SWP-1000 WOG, MSS SP-80, Bronze Disc, Union Bonnet 1/4" thru 2"

IB434

200 SWP-400 WOG, MSS SP-80, SS Seat & Disc, Union Bonnet 1/4" thru 2"

IB444

300 SWP-1000 WOG, MSS SP-80, SS Seat & Disc, Union Bonnet 1/4" thru 2"

UP440 *

UltraPure Lead-Free Bronze, 300 WOG, MSS SP-80, Bronze Disc, Threaded Bonnet 1/8" thru 2"

Solder Ends

IB418

125 SWP-200 WOG, MSS SP-80, Bronze Disc, Threaded Bonnet 3/8" thru 2"

IB423

150 SWP-300 WOG, MSS SP-80, PTFE Disc, Union Bonnet 1/2" thru 3"



IB423



UP418



440 P2



IB463



IB454T

continued BRONZE GLOBE VALVES

Solder Ends

UP418 *

UltraPure Lead-Free Bronze, 300 WOG, MSS SP-80, Bronze Disc, Threaded Bonnet 3/8" thru 2"

Press x Press Ends



IB440 P2

200 psig @ 250°F, MSS SP-80, Bronze Disc, Threaded Bonnet 1/2" thru 2"

IB413T P2

200 psig @ 250°F, MSS SP-80, PTFE Disc, Union Bonnet 1/2" thru 2"

UP502 P2 *

UltraPure Lead-Free Bronze, 200 psig @ 250°F, MSS SP-80, Bronze Disc, Threaded Bonnet 1/2" thru 2"

BRONZE ANGLE VALVES

Threaded Ends

IB463

125 SWP-200 WOG, MSS SP-80, Bronze Disc, Threaded Bonnet 1/4" thru 2-1/2"

IB454T

150 SWP-300 WOG, MSS SP-80, PTFE Disc, Union Bonnet 1/4" thru 2"

BRONZE VALVES



IB940



UP967

BRONZE CHECK VALVES HORIZONTAL SWING CHECK

Threaded Ends

IB904

Bronze, 125 SWP-200 WOG, MSS SP-80, Brass Disc (1/4" - 1-1/2"), Bronze Disc (2" - 3")
1/4" thru 3"

IB940

Bronze, 125 SWP-200 WOG, MSS SP-80, PTFE Disc
1/4" thru 2"

IB946

Bronze, 150 SWP-300 WOG, MSS SP-80, PTFE Disc
1/4" thru 2"

UP904 *

UltraPure Lead-Free Bronze, 300 WOG (1/4" thru 2"), 200 WOG (2-1/2" thru 3"), MSS SP-80, Bronze Disc, Threaded
1/4" thru 3"

UP967 *

UltraPure Lead Free Brass, Brass Disc, 200 WOG
3/8" thru 3"



IB912



969



UP904 P2

BRONZE CHECK VALVES HORIZONTAL SWING CHECK

Solder Ends

IB912

Bronze, 125 SWP-200 WOG, MSS SP-80, Bronze Disc
3/8" thru 3"

IB945

Bronze, 150 SWP-300 WOG, MSS SP-80, PTFE Disc (Also available w/Bronze Disc)
1/2" thru 2"

UP912 *

UltraPure Lead-Free Bronze, 300 WOG, MSS SP-80, Bronze Disc
3/8" thru 3"

UP968 *

UltraPure Lead-Free Brass, 200 WOG, Brass Disc
3/8" thru 3"

Press x
Press Ends



IB904 P2

Bronze, 200 psig @ 250°F, MSS SP-80, Brass Disc
1/2" thru 2"

969

Brass, 200 psig @ 250°F, Brass Disc, Integral Seat
1/2" thru 2"

UP904 P2 *

UltraPure Lead-Free Bronze, 200 psig @ 250°F, Brass Disc, MSS SP-80
1/2" thru 2"

UP969 *

UltraPure Lead-Free Brass, Brass Disc, 200 psig @ 250°F
1/2" thru 2"



UP969

HORIZONTAL SWING CHECK – Y PATTERN

Threaded Ends

IB949

Bronze, 300 SWP-600 WOG, MSS SP-80, Bronze Disc
1/4" thru 3"

IB944

Bronze, 200 SWP-400 WOG, MSS SP-80, Bronze Disc
1/4" thru 3"



509Y

Press x
Press Ends



509Y P2

Bronze, 200 psig @ 250°F, MSS SP-80, Bronze Disc
1/2" thru 2"



IB943 P2

SPRING-LOADED LIFT CHECK

Threaded Ends

IB943

Bronze, 250 WOG, MSS SP-80, BUNA Disc
3/8" thru 2"

UP943 *

UltraPure Lead-Free Bronze, PTFE Disc, 250 WOG, MSS SP-80
3/8" thru 2"

Press x
Press Ends



IB943 P2

Bronze, 200 psig @ 250°F, MSS SP-80, Buna Disc
1/2" thru 2"

UP943 P2 *

UltraPure Lead-Free Bronze, 200 psig @ 250°F, PTFE Disc, MSS SP-80
1/2" thru 2"



IR1140-UL

IRON GATE

IR1140-UL
OS & Y Bronze Trim, 175 WOG
UL/FM
2-1/2" thru 8"



IR1124-UL

IRON CHECK VALVE

IR1124-UL
175 WOG, UL/FM, Rubber Disc
2-1/2" thru 8"



118-FP

BRONZE GATE VALVE WITH UL/FM TRIM

118-FP
OS & Y, UL/FM, NPT Threaded
1" thru 2"

* Meets Senate law S3874. IAPMO tested and certified to NSF/ANSI 372 for "lead-free" compliance.



1550

CAST STEEL GATE

1550CB2
 Class 150, Flanged, API 600,
 ASME B16.34 Design, API 598
 Tested, Available in Butt-weld,
 Consult Factory.
 2" thru 24"

3050CB2
 Class 300, Flanged, API 600,
 ASME B16.34 Design, API 598
 Tested, Available in Butt-weld,
 Consult Factory.
 2" thru 24"

6050CB2
 Class 600, Flanged, API 600,
 ASME B16.34 Design, API 598
 Tested, Available in Butt-weld,
 Consult Factory.
 2" thru 12"



1560

CAST STEEL GLOBE

1560CB2
 Class 150, Flanged, API 600,
 ASME B16.34 Design, API 598
 Tested, Available in Butt-weld,
 Consult Factory.
 2" thru 12"

3060CB2
 Class 300, Flanged, API 600,
 ASME B16.34 Design, API 598
 Tested, Available in Butt-Weld,
 Consult Factory.
 2" thru 8"

6060CB2
 Class 600, Flanged, API 600,
 ASME B16.34 Design, API 598
 Tested, Available in Butt-Weld,
 Consult Factory.
 2" thru 8"



1570

CAST STEEL CHECK

1570CB2
 Class 150, Flanged, API 600,
 ASME B16.34 Design, API 598
 Tested, Available in Butt-Weld,
 Consult Factory.
 2" thru 24"

3070CB2
 Class 300, Flanged, API 600,
 ASME B16.34 Design, API 598
 Tested, Available in Butt-Weld,
 Consult Factory.
 2" thru 12"

6070CB2
 Class 600, Flanged, API 600,
 ASME B16.34 Design, API 598
 Tested, Available in Butt-Weld,
 Consult Factory.
 2" thru 12"

Options/Accessories
 Cast Steel Gate
 Multi-Turn Actuation



IR1138-HI

IRON GATE

IR1138 or IR1138-HI
 125 SWP 200 WOG, Non-Rising Stem, IBBM, MSS SP-70
 Available 2" thru 12"
 HI Available 2" thru 24"

IR1144-HI
 125 SWP 200 WOG, Non-Rising Stem, All Iron, MSS SP-70
 Available 2" thru 24"

IR1140 or IR1140-HI
 125 SWP 200 WOG, OS & Y, IBBM, MSS SP-70
 Available 2" thru 12"
 HI Available 2" thru 24"

IR1146-HI
 125 SWP 200 WOG, OS & Y, All Iron, MSS SP-70
 Available 2" thru 12"

IR913-HI
 3% Nickel Iron, OS & Y, Iron Body, SS Trim, MSS SP-70
 Available 2" thru 12"

IR330 or IR330-HI
 250 WSP 500 WOG, OS & Y, IBBM, MSS SP-70
 Available 2" thru 12"
 HI Available 2" thru 12"

IRON GLOBE

IR116 or IR116-HI
 125 SWP 200 WOG, MSS SP-85
 Available 2" thru 10"
 HI Available 2" thru 10"

IR313 or IR313-HI
 250 SWP 500 WOG, IBBM, MSS SP-85
 Available 2-1/2" thru 6"



IR1124

IRON CHECK

IR1124 or IR1124-HI
 125 SWP 200 WOG, IBBM, MSS SP-71
 Available 2" thru 12"
 HI Available 2" thru 24"

IR1124-LW
 125 SWP 200 WOG, IBBM, MSS SP-71, Lever and Weight,
 2" thru 12"

IR1126-HI
 125 SWP 200 WOG, All Iron, Available 2" thru 24"

IR1937-HI
 3% Nickel Iron, 125 SWP, 200 WOG Iron Body, Stainless-Steel Trim, MSS SP-71
 2" thru 12"

IR322
 250 SWP 500 WOG, IBBM, MSS SP-71
 2-1/2" thru 6"



IR1124-LW



IR322

SILENT CHECK

IR9253
 Class 125, Wafer-Style Cast-Iron Body, Stainless-Steel Disc, Stainless-Steel Spring, Meets Senate Law S3874
 2" thru 10"

IR9354
 Class 125, Globe-Style Cast-Iron Body, Stainless-Steel Disc, Stainless-Steel Spring, Meets Senate Law S3874
 2-1/2" thru 42"



IR9253



IR9354



IR330-HI



IR330-HI



IR116



967

BRASS SWING CHECK VALVE

967
200 WOG
Threaded Ends
Brass Disc
Sizes 1/2" thru 4"



943

968
200 WOG
Solder Ends
Brass Disc
Sizes 1/2" thru 2"



547

BRONZE SPRING LOADED LIFT CHECK

943
250 WOG
Threaded Ends
Buna Seat
Sizes 3/8" thru 2"

947
250 WOG
Solder Ends
Buna Seat
Sizes 3/8" thru 2"

WATER METER ANGLE GLOBE VALVES

547
Bronze Body with Drain
125 WOG
Flare Copper End X Threaded End
Buna Seat
Sizes: 3/4" X 3/4" - 1" X 1-3/4"
X 1/2" - 1" X 3/4"

548
Bronze Body
125 WOG
Flare Copper End X Threaded End
Buna Seat
Sizes: 3/4" X 3/4" - 1" X 1-3/4"
X 1/2" - 1" X 3/4"



38

CHROME-PLATED FROST-PROOF SILL COCKS

38
150 WWP
Male IPS X Hose End,
Combination Sweat X IPS
Buna Seat
4" thru 14"



445

58
150 WWP
Combination Sweat X Hose End,
Male IPS X Hose End
Buna Seat, Anti-Siphon Vacuum
Breaker
6" thru 14"

BRASS STOP VALVES

445
150 WWP
Threaded Ends
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"

446
150 WWP
Solder Ends
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"



545

DRAINABLE BRASS STOP VALVES

545
150 WWP
Threaded Ends
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"



546

546
150 WWP
Solder Ends
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"



549
150 WWP
Compression Ends
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"

710

BRASS HOSE END VALVES

710
150 WWP
Male IPS X Hose End (1/2"
Combination Threaded
& Solder End)
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"

712
150 WWP
Female IPS X Hose End
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"

713
150 WWP
Solder X Hose End
Buna-N Seat, Adjustable
Packing Nut
Sizes 3/4"



1032

continued BRASS HOSE END VALVES

1032
150 WWP
Female IPS X Hose End
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"



2002

1034
150 WWP
Solder X Hose End
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"

2002
150 WWP
Male IPS X Hose End
(1/2" Combination Threaded
& Solder End)
Buna-N Seat, Adjustable
Packing Nut
T-Handle
Sizes 1/2" & 3/4"

BRASS BALL VALVE

2007
150 WWP
Male IPS X Hose End (1/2"
Combination Threaded
& Solder End)
Teflon® Seat, Adjustable
Packing Nut
T-Handle
Sizes 1/2" & 3/4"

PLUMBING VALVES



2004

NO-KINK BRASS BODY

2004
150 WWP
Male IPS X Hose End
Buna-N Seat, Adjustable
Packing Nut
T-Handle
Sizes 1/2" & 3/4"



875-01

2005
150 WWP
Female IPS X Hose End
Buna-N Seat, Adjustable
Packing Nut
T-Handle
Sizes 1/2" & 3/4"



876-01

BENT NOSE BRASS BODY

1035
150 WWP
Female IPS X Hose End
Buna-N Seat, Adjustable
Packing Nut
Sizes 1/2" & 3/4"

BRASS GAS VALVES CSA APPROVED

875-01
1/2 & 5 psig
Threaded Ends
Lever Handle
PTFE Seats, Chrome Plated Ball
Sizes 1/2" thru 1"

876-01
1/2 & 5 psig
Threaded Ends
T-Handle
PTFE Seats, Chrome Plated Ball
Sizes 1/2" & 3/4"



879-01



878-01

continued BRASS GAS VALVES CSA APPROVED

880
1/2 & 5 psig
Threaded Ends
Lever Handle
PTFE Seats, Chrome Plated Ball
Sizes 1/2" & 3/4"

879-01
1/2 & 5 psig
Female IPS X Flare
Lever Handle
PTFE Seats, Chrome Plated Ball
Sizes 3/8" X 3/8" - 1/2" - 1/2"

878-01
1/2 & 5 psig
Flare X Flare
Lever Handle
PTFE Seats, Chrome
Plated Ball
Sizes 3/8" X 3/8" - 1/2" - 1/2"



100-25

BRASS HEATING VALVES WITH HEAT RESISTANT HANDWHEEL

100-25
15 SWP - 60 psig Hot Water Rating
Female IPS X Male IPS Union End, EPDM Disc
Adjustable Packing Nut
Sizes 1/2" Thru 1-1/2"



200

200
Gravity Hot Water Rating
Female IPS X Male IPS Union End, EPDM Disc
Adjustable Packing Nut
Sizes 1/2" Thru 1-1/4"



102

BRONZE HEATING GATE VALVE WITH HEAT RESISTANT HANDWHEEL

102
125 SWP - 200 WOG (to 353°)
Male Union X Female IPS
Screw-Over Bonnet,
Non-Rising Stem
Adjustable Packing Nut,
Solid Wedge
Sizes 1/2" Thru 1-1/4"

108
15 SWP - 60 psig Convactor
Steam Angle Rating
Female IPS X Female IPS
Union End, EPDM Disc
Adjustable Packing Nut,
Solid Wedge
Sizes 1/2" & 3/4"



8211-15

BRASS BALANCE/ CIRCULATOR VALVES & ELBOWS

8211-15
400 WOG 2-Piece, Threaded Ends,
Slotted Blow-Out-Proof Stem,
Chrome-Plated Ball
PTFE Seats & Packing
1/2" thru 1"



300

300
Female IPS X Male IPS
Union End
Sizes 1/2" Thru 1-1/4"

302
Female Solder X Male IPS
Union End
Sizes 1/2" & 3/4"

BRONZE BALANCE/ CIRCULATOR VALVES & ELBOWS

201
60 psig Hot Water Rating
Solder X Male Union
Blow-Out Proof Stem
PTFE Seats, Chrome Plated Ball
1/2" thru 1-1/2"



UP8501-16



UP8511H



UP8501H P1

Options/Accessories

- UP8501/UP8503
- UP8511/UP8513
- UP8301A/UP8303A
- UP8311A/UP8313A
- Insulator Handle with Memory Stop (16)
- Oval Handle (04)
- Stainless Steel Handle (08)
- Extension Handle with Memory Stop (09)
- Extension Handle (06)
- Memory Stop (02)
- Tee Handle (03)
- Chain Lever (12)
- Locking Handle (07)

2-PIECE LEAD-FREE BRONZE BALL VALVES

Standard Port

UP8501 / UP8503 *
600 WOG, MSS SP-110, Threaded, UP8503 with Stainless Steel Ball & Stem
1/4" thru 3"

UP8511 / UP8513 *
600 WOG, MSS SP-110, Solder, UP8513 with Stainless Steel Ball & Stem
3/8" thru 3"

UP8501 P2 / UP8503 P2 *
200 psig @ 250°F, MSS SP-110, Press X Press, UP8503 P2 with Stainless Steel Ball and Stem
1/2" thru 2"

Full Port

UP8501H *
600 WOG, Threaded with Hose-End, Cap and Chain
1/2" and 3/4"

UP8511H *
600 WOG, Solder with Hose-End, Cap and Chain
1/2" and 3/4"

UP8301A / UP8303A *
600 WOG, MSS SP-110, Threaded, UP8303A with Stainless Steel Ball & Stem
1/4" thru 2"

UP8311A / UP8313A *
600 WOG, MSS SP-110, Solder, UP8313A with Stainless Steel Ball & Stem
1/2" thru 2"

UP8501H P1 *
200 psig @ 250°F, MSS SP-110, Press X Hose-End
1/2" and 3/4"



UP8301A P2-09



UP8901



UPBA-481BXH

Options/Accessories

- UP8301A/UP8303A
- Insulator Handle with Memory Stop (16)
- Oval Handle (04)
- Stainless Steel Handle (08)
- Extension Handle with Memory Stop (09)
- Extension Handle (06)
- Memory Stop (02)
- Tee Handle (03)
- Chain Lever (12)
- Locking Handle (07)

- UP8901/UP8911
- UPBA-480B/UPBA-490B
- Insulator Handle with Memory Stop (16)
- Oval Handle (04)
- Stainless Steel Handle (08)
- Extension Handle (06)
- Memory Stop (02)
- Tee Handle (03)
- Locking Handle (07)

continued 2-PIECE LEAD-FREE BRONZE BALL VALVES

UP8301A P2 / UP8303A P2 *
200 psig @ 250°F, MSS SP-110, Press X Press, UP8303A P2 with Stainless Steel Ball and Stem
1/2" thru 2"

2-PIECE LEAD-FREE BRASS BALL VALVES*

UP8901 *
600 WOG (1/2" thru 2"), 400 WOG (2-1/2" thru 3"), MSS SP-110, UL/CSA Rated to 2", Threaded
1/4" thru 3"

UP8911 *
600 WOG (1/2" thru 2"), 400 WOG (2-1/2" thru 3"), MSS SP-110, Solder
1/2" thru 3"

Full Port

UPBA-480B / UPBA-480S *
200 psig @ 250°F, MSS SP-110, Press X Press, UPBA-480S with Stainless Steel Ball and Stem
1/2" thru 4"

UPBA-480SH *
200 psig @ 250°F, MSS SP-110, Press X Hose-End
1/2" thru 3/4"

UPBA-481B / UPBA-481S *
200 psig @ 250°F, MSS SP-110, Extension Stem With Memory Stop, Press X Press, UPBA-481S with Stainless Steel Ball and Stem
1/2" thru 2"



UPBA-490B



UPBA-491B



UP8614

Options/Accessories**UPBA-480B/UPBA-490B**

Insulator Handle with Memory Stop (16)
 Oval Handle (04)
 Stainless Steel Handle (08)
 Extension Handle (06)
 Memory Stop (02)
 Tee Handle (03)
 Locking Handle (07)

UP8604/UP8603**UP8614/UP8613**

Insulator Handle with Memory Stop (16)
 Oval Handle (04)
 Stainless Steel Handle (08)
 Extension Handle with Memory Stop (09)
 Extension Handle (06)
 Memory Stop (02)
 Tee Handle (03)
 Chain Lever (12)
 Locking Handle (07)

continued
2-PIECE 
LEAD-FREE BRASS
BALL VALVES*

UPBA-490B / UPBA-490S *

200 psig @ 250°F, MSS SP-110,
 Press X Threaded, UPBA-490S with
 Stainless Steel Ball and Stem
 1/2" thru 4"

UPBA-490SH *

200 psig @ 250°F, MSS SP-110,
 Press X Hose
 1/2" and 3/4"

UPBA-491B / UPBA-491S *

200 psig @ 250°F, MSS SP-110,
 Extension Stem with Memory Stop,
 Press X Threaded, UPBA-491S with
 Stainless Steel Ball and Stem
 1/2" thru 2"

3-PIECE 
LEAD-FREE
BRONZE BALL VALVES

Full Port**UP8604 / UP8603 ***

600 WOG, MSS SP-110, Threaded,
 UP8603 with Stainless Steel
 Ball & Stem
 1/4" thru 3"

UP8614 / UP8613 *

600 WOG, MSS SP-110, Solder,
 UP8613 with Stainless Steel
 Ball & Stem
 3/8" thru 3"

UP8604 P2 / UP8603 P2 *

200 psig @ 250°F, MSS SP-110,
 Press X Press, UP8603 P2
 with Stainless Steel Ball & Stem
 1/2" thru 2"



UP645



UP645 P2



UP667

LEAD-FREE 
BRONZE GATE VALVES

Non-Rising Stem**UP645 ***

300 WOG, MSS SP-80, Threaded
 Bonnet, Threaded
 1/4" thru 2"

UP647 *

300 WOG, MSS SP-80, Threaded
 Bonnet, Solder
 3/8" thru 2"

UP645 P2 *

200 psig @ 250°F, MSS SP-80,
 Threaded Bonnet, Press X Press
 1/2" thru 2"

Rising Stem**UP640 ***

300 WOG, MSS SP-80, Threaded
 Bonnet, Threaded
 1/4" thru 2"

UP635 *

300 WOG, MSS SP-80, Threaded
 Bonnet, Solder
 1/2" thru 2"

UP640 P2 *

200 psig @ 250°F, MSS SP-80,
 Threaded Bonnet, Press X Press
 1/2" thru 2"

LEAD-FREE 
BRASS GATE VALVES

Non-Rising Stem**UP667 ***

200 WOG, Threaded Bonnet,
 Threaded
 1/4" thru 2"

UP668 *

200 WOG, Threaded Bonnet,
 Solder
 1/2" thru 2"



UP440 P2



UP418



UP904

LEAD-FREE BRONZE GLOBE VALVES



UP440 *
300 WOG, MSS SP-80, Threaded
Bonnet, Threaded
1/8" thru 2"

UP418 *
300 WOG, MSS SP-80, Threaded
Bonnet, Solder
3/8" thru 2"

UP440 P2 *
200 psig @ 250°F, Press X
Press, MSS SP-80, Threaded
Bonnet, Press X Press
1/2" thru 2"

LEAD-FREE BRONZE CHECK VALVES



Horizontal Swing Check

UP904 *
300 WOG, Bronze Disc,
MSS SP-80, Threaded
1/4" thru 3"

UP912 *
300 WOG, Bronze Disc,
MSS SP-80, Solder
3/8" thru 3"

UP904 P2 *
300 WOG, Bronze Disc,
MSS SP-80, Press X Press
1/2" thru 2"

UP967 *
Brass, 200 WOG, Brass Disc,
Threaded
3/8" thru 3"

UP968 *
Brass, 200 WOG, Brass Disc,
Solder
3/8" thru 3"



UP968



UP969



UP943



IR9253



IR9354

continued LEAD-FREE BRONZE CHECK VALVES



Horizontal Swing Check

UP969 *
Bronze, 200 psig @ 250°F,
Brass Disc, Press x Press
1/2" thru 2"

LEAD-FREE SPRING LOAD LIFT CHECK VALVES



UP943 *
PTFE Disc, 250 WOG, MSS SP-80,
Threaded
3/8" thru 2"

UP943 P2 *
200 psig @ 250°F, PTFE Disc,
MSS SP-80, Press X Press
1/2" thru 2"

SILENT CHECK



IR9253 *
Class 125, Wafer-Style Cast-Iron
Body, Stainless-Steel Disc,
Stainless-Steel Spring, Meets
Senate Law S3874
2" thru 10"
(Also Available Class 250)

IR9354 *
Class 125, Globe-Style Cast-Iron
Body, Stainless-Steel Disc,
Stainless-Steel Spring,
Meets Senate Law S3874
2-1/2" thru 42" (Also Available
Class 250)



**LEAD-FREE
COMMERCIAL
BUTTERFLY**

6411-00/6411-01/6411-03 *
 Cast Iron Body, Lug Style,
 Aluminum Bronze Disc,
 EPDM Liner, Bi-Directional
 Dead-End Service 200 psig Max
 IAPMO Tested And Certified
 Against NSF/ANSI-372 For
 "Lead-Free" Compliance.
 2" thru 12"

6411-00/6411-03 *
 Cast Iron Body, Lug Style,
 Aluminum Bronze Disc,
 EPDM Liner, Bi-Directional
 Dead-End Service
 200 psig Max 2" thru 12",
 Uni-Directional Dead-End
 Service 150 psig Max
 IAPMO Tested And Certified
 Against NSF/ANSI-372 For
 "Lead-Free" Compliance.
 14" thru 24"

5000 Series *
 Cast Iron Body, Lug Style,
 Aluminum Bronze Disc,
 EPDM Liner, Bi-Directional
 Dead-End Service 200 psig Max
 2" thru 12", Uni-Directional
 Dead-End Service 150 psig Max
 IAPMO Tested And Certified
 Against NSF/ANSI-372 For
 "Lead-Free" Compliance.
 14" thru 24"



6411-00/6411-01/6411-03
 (PICTURED WITH LEVER HANDLE)



6411-03

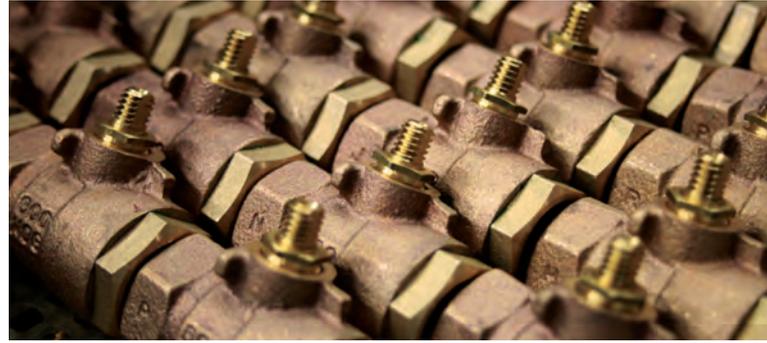
- Options/Accessories**
 Rubber-Lined Butterfly
 Electric Actuation
 Pneumatic Actuation

* Meets Senate law S3874. IAPMO tested and certified to NSF/ANSI 372 for "lead-free" compliance.

QUALITY IS MORE THAN WHAT MEETS THE EYE.

For the most part, engineering is invisible. Engineers or contractors know what a valve looks like, and knows what it does, but typically, they can't see the superiority designed into each and every Hammond Valve product. Hammond Valve demands excellence in our engineering department, with groups operating in each of our facilities to support the manufacturing of all products. These engineers provide design services as well, translating the critical specifications and processes into manufactured items – a key step where other suppliers, without our depth of experience, often fall flat.

Hammond Valve's well-staffed engineering department is supported by state-of-the-art computer tools, from 3D design using Solidworks, to finite element analysis (FEA) using COSMOS, to computational fluid dynamics (CFD) using CF Design software, to automated data acquisition in our laboratories using Labview. We operate our own fire-test facility to help us achieve and maintain the most advanced fire-safe designs to the latest API and other standards.



products. Others are turnkey product-development projects designed to meet the demanding safety needs or harsh application requirements of a specific user.

Hammond Valve's background in the Commercial and Plumbing markets should provide you with confidence to entrust your most difficult engineering applications to our experienced staff, helping you grow your business and providing you with the great service you deserve.

If you have a service that is constantly causing you concern, give us a call. Our application engineering and technical service teams stand ready to help.



We translate our 3D designs directly to tool paths, both on our shop floor and in our pattern shop, which supports our in-house foundry operation. These capabilities also service our engineering and contracting customers, who use these models in their equipment and building designs.

In addition, Hammond Valve has extensive experience in the development of products for specific OEMs or demanding service conditions. Some are minor modifications to existing

For more information on our capabilities or assistance with a specific problem, contact your Hammond Valve sales representative (<http://www.HammondValve.com/index.php/rep>s). Their experience and industry knowledge will simplify finding a solution to your product and application requirements.



This condensed catalog is not a complete depiction of Hammond Valve's products or capabilities. Please contact the factory for special service conditions or additional accessories and options.

PREVENTS CONDENSATION

Do you need an insulating valve handle that **DOES IT ALL?**



EASY-ADJUST MEMORY STOP



THE INSULATOR/MS™
A Milwaukee/Hammond Valve Product

NO SWEAT.

INSULATOR/MS™ from Hammond Valve is the only insulating ball valve handle that does it all – controls condensation, has reliable memory stop, and saves time since there's no need to disassemble for adjustments.

INSULATOR creates a heat transfer barrier between the piping system and the exposed portion of a valve handle and surrounding air. This eliminates or reduces condensation, and keeps damaging moisture from infiltrating insulated systems. And its operating range of +15° F to +250° F lets you spec multiple project types with one versatile product.

INSULATOR's unique memory stop adjusts easily with a few quick turns of a hex wrench, while competitive handles require time-consuming disassembly to perform stop adjustments.

INSULATOR is available on all 1/2" thru 2" bronze, brass and UltraPure ball valves, including solder, threaded and UltraPress press-fit ends. For specs and other info, visit HammondValve.com, MilwaukeeValve.com or UltraPureNoLeadValves.com.

INNOVATION
IN EVERY VALVE



WEBSITE REDUCES ERRORS AND SAVES TIME

Simplify your projects and reduce ordering errors by building your own valves, courtesy of Hammond Valve's online Advanced Search feature.



You know the service, and Hammond Valve has the valves and the options to solve your service issues. Found at www.HammondValve.com, the Advanced Search function acts as an online configurator, laying out all available options in one easy-to-use format. You select the type of valve you require, and choose the available materials, sizes, options, etc. Once all options are selected, you are given the model numbers for the valves that meet your criteria. When you know exactly what you are ordering, the result is fewer returns, lower shipping costs, and all-around time savings. The Advanced Search is especially beneficial in selecting Butterfly and Industrial valves, which both offer thousands of different valve and option combinations.

In addition, the website contains specification data for virtually every Hammond Valve product, and has the capacity to produce product submittals, access 2D and 3D CAD files, and is a repository for a wide variety of product information, including price lists, literature downloads, technical service bulletins, competitive cross reference and even provides links to YouTube instruction and installation videos.

And if you require assistance in selecting a valve, ball, seat, actuation or any of many other options, assistance is available from your Hammond Valve sales representative. Try it out at www.HammondValve.com.



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