

Webstone®

a brand of **NIBCO®**

PRODUCT CATALOG



**TEMPERATURE
CONTROL
VALVES**

TWH SERVICE VALVES
E·X·P
SERIES

**UNDER BOILER
SOLUTIONS**

HYDRO-CORE™

PRO-PAL
SERIES

The ISOLATOR®
UNI-FLANGE BALL VALVE

PEX PRODUCTS

PRO-CONNECT
PPR PRO

PRO-CONNECT
PRO PUSH

PRO-CONNECT
PRESS

BALL VALVES

**VALVE INNOVATION
GUARANTEED FOR LIFE**

CONDITIONS APPLY. SEE WEBSTONEVALVES.COM FOR FULL DETAILS.

WORK SMARTER

TEMPERATURE CONTROL PRODUCTS

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UNDER BOILER SOLUTIONS

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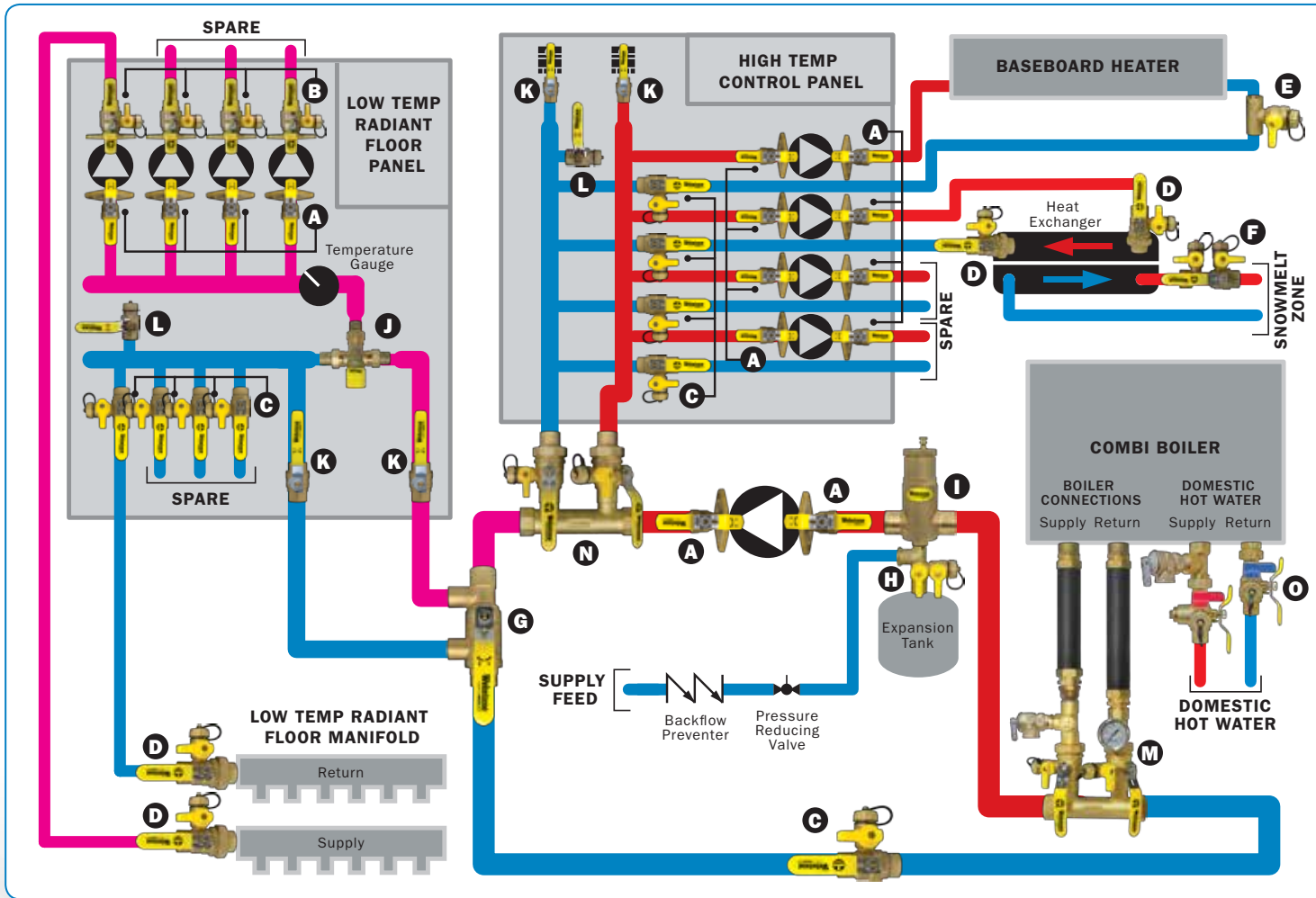
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SAVE TIME, SAVE SPACE & SAVE LABOR

REPLACES
220
COMPONENTS

SAVES OVER
26
HOURS

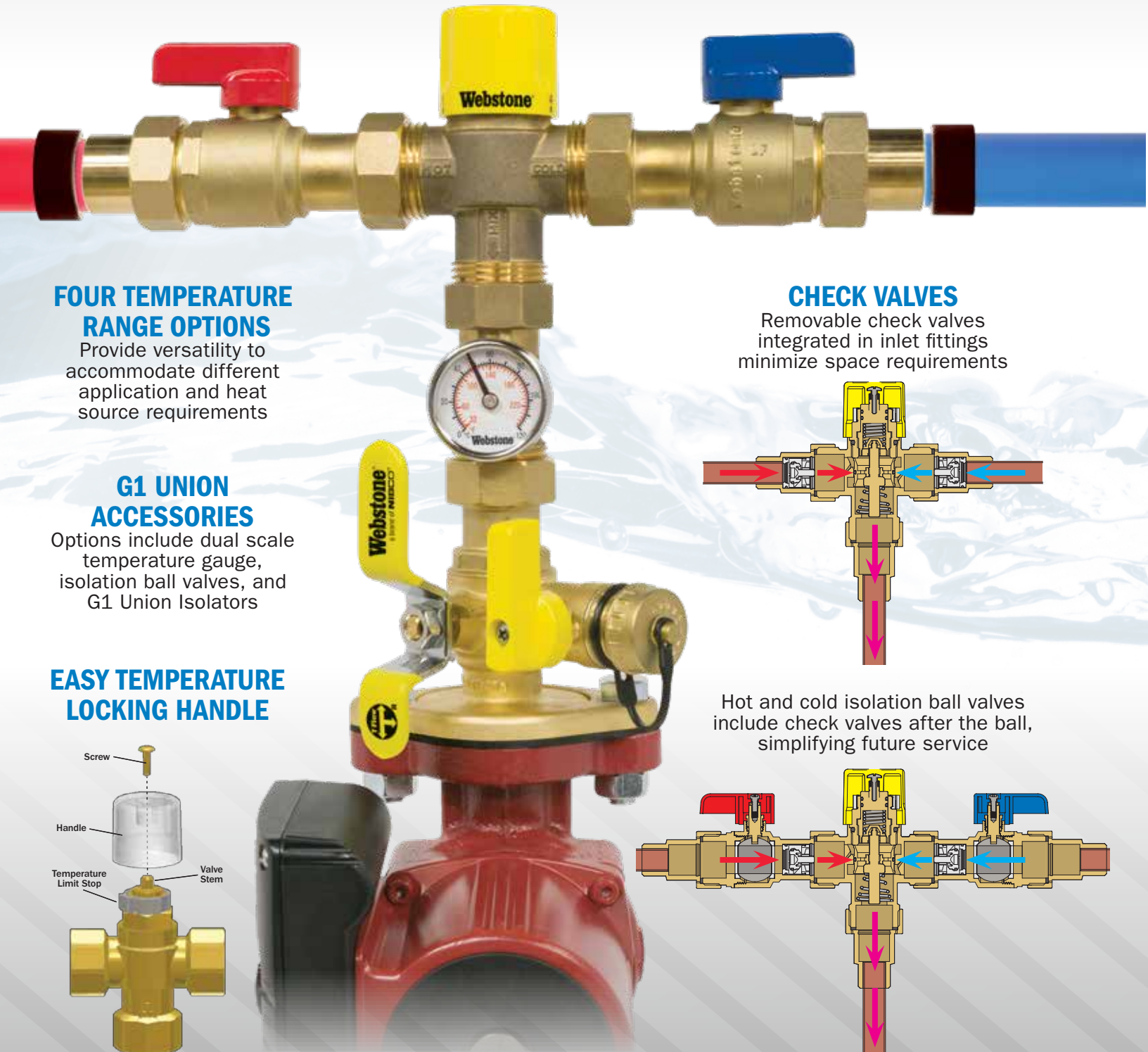
ELIMINATES
177
LEAK PATHS



THERMOSTATIC MIXING VALVES

RIGHT TEMPERATURE RIGHT CONNECTION

- Mixes hot and cold water to pre-set output temperature
- Heavy duty lead-free forged brass construction
- Temperature locking handle on select models
- Select models include integral check valves on inlets
- Sizes 3/8" - 1"
- Wide range of G1 Union Accessories and Kits offer a solution for most installation needs



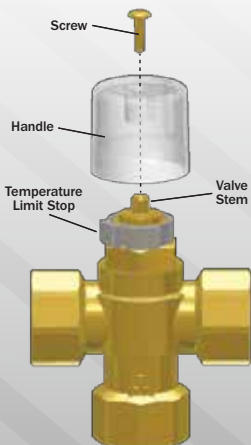
FOUR TEMPERATURE RANGE OPTIONS

Provide versatility to accommodate different application and heat source requirements

G1 UNION ACCESSORIES

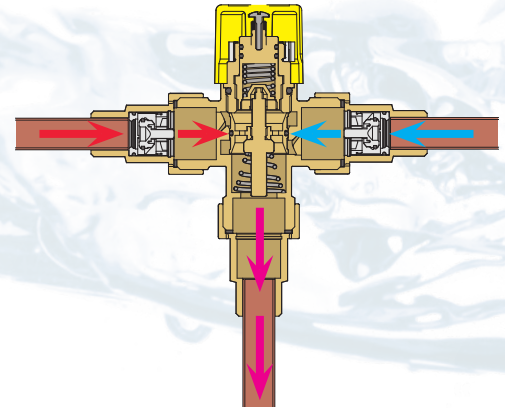
Options include dual scale temperature gauge, isolation ball valves, and G1 Union Isolators

EASY TEMPERATURE LOCKING HANDLE

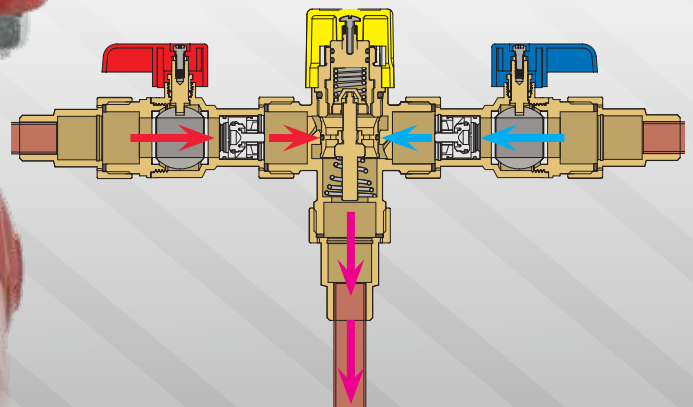


CHECK VALVES

Removable check valves integrated in inlet fittings minimize space requirements

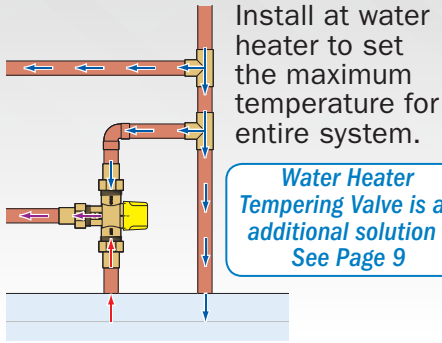


Hot and cold isolation ball valves include check valves after the ball, simplifying future service



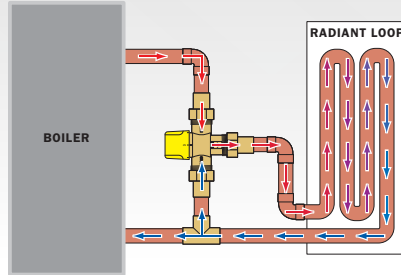
APPLICATIONS

WATER DISTRIBUTION SYSTEMS



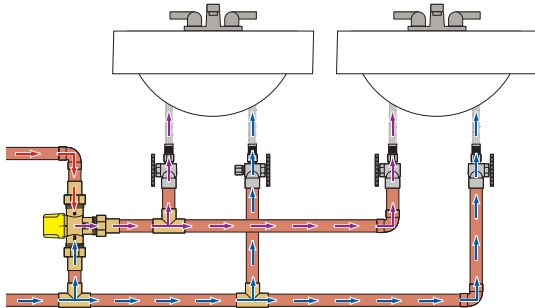
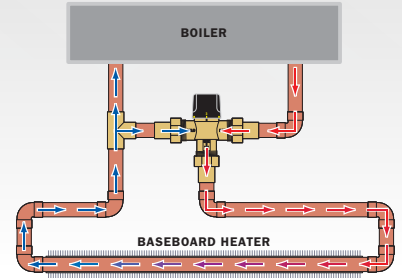
LOW TEMP HYDRONIC

Set a maximum temperature up to 131°F for radiant floor or other low temp heating application



HIGH TEMP HYDRONIC

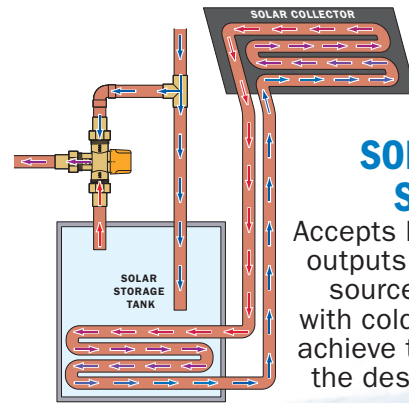
Set a maximum temperature up to 176°F for radiant floor, baseboard heat, radiators, or other high temp heating application



POINT OF USE - MULTI FIXTURE

Set the maximum temperature for a group of fixtures

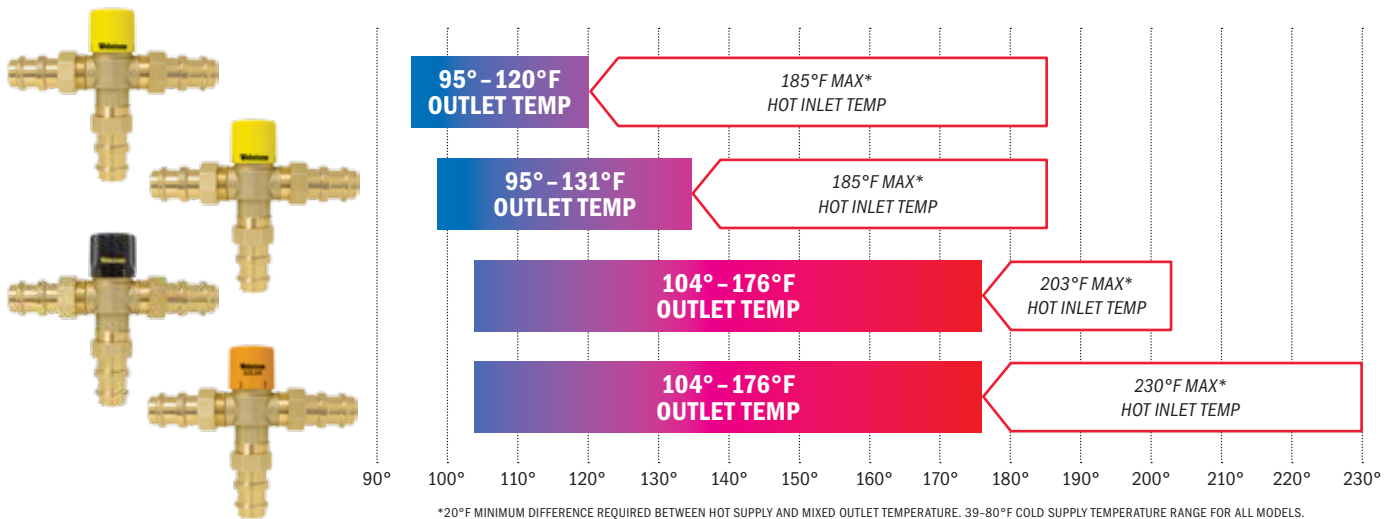
Ultra-Compact TMV ideal for Single Fixture Point of Use - See Page 8



SOLAR HEAT SOURCE

Accepts high temperature outputs from solar heat sources, then mixes with cold water supply to achieve temperatures for the desired application

FOUR TEMPERATURE RANGES



Customize your installation and simplify future service with a full selection of

G1 UNION ACCESSORIES & ISOLATION KITS

SEE PAGE 7 FOR DETAILS



THERMOSTATIC MIXING VALVES

APPLICATION	WATER DISTRIBUTION SYSTEMS Certified to NSF/ANSI 61 & 372 ASSE 1017 CSA B125.3 - Body (H-70000W) certified by CSA to ASSE 1017		LOW TEMP HYDRONIC	HIGH TEMP HYDRONIC	SOLAR HEAT SOURCE	POINT OF USE		
	Certified to NSF/ANSI 61 & 372 ASSE 1017 - Body (H-70060W) certified by CSA to ASSE 1017				SINGLE OR MULTI FIXTURE Certified to NSF/ANSI 61 & 372 ASSE 1017, 1070 CSA B125.3		SINGLE ONLY Certified to NSF/ANSI 61 & 372 ASSE 1070	
MIXED OUTPUT TEMP RANGE	95° - 120°F (35° - 49°C)	95° - 131°F (35° - 55°C)	95° - 131°F (35° - 55°C)	104° - 176°F (40° - 80°C)	104° - 176°F (40° - 80°C)	95° - 120°F (35° - 49°C)	95° - 131°F (35° - 55°C)	95° - 120°F (35° - 49°C)
HOT INLET TEMP	185°F MAX	185°F MAX	185°F MAX	203°F MAX	230°F MAX	185°F MAX	185°F MAX	180°F MAX
FIP	7220W-CAN	7220W	7220W	7227W	7216W	-	-	-
MIP	7420W-CAN	7420W	7420W	7427W	7416W	7420W-CAN	7420W	-
SWT	7520W-CAN	7520W	7520W	7527W	7516W	7520W-CAN	7520W	-
PRESS	7820W-CAN	7820W	7820W	7827W	7816W	-	-	-
PUSH	7620W-CAN	7620W	7620W	-	-	-	-	7761W - See Page 8
COMPRESSION	-	-	-	-	-	-	-	7720W/7740W - See Page 8
F1960 PEX	7320W-CE-CAN	7320W-CE	7320W-CE	7327W	-	-	-	-
F1807 PEX	7120W-CAN	7120W	7120W	7127W	-	-	-	-

THERMOSTATIC MIXING VALVE W/ INTEGRAL CHECK VALVES

Forged Brass Valve w/ DZR Brass Fittings
& G1 Union Connections
Outlet Temperature Range 95° - 120°F

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP 150 PSI/185°F Max			
1/2"	H-72202W-CAN	1/10	21
3/4"	H-72203W-CAN	1/10	22
1"	H-72204W-CAN	1/10	24
MIP 150 PSI/185°F Max			
1/2"	H-74202W-CAN	1/10	19
3/4"	H-74203W-CAN	1/10	19
1"	H-74204W-CAN	1/10	22
SWT 150 PSI/185°F Max			
1/2"	H-75202W-CAN	1/10	19
3/4"	H-75203W-CAN	1/10	19
1"	H-75204W-CAN	1/10	20
Press 150 PSI/185°F Max			
1/2"	H-78202W-CAN	1/10	19
3/4"	H-78203W-CAN	1/10	21
1"	H-78204W-CAN	1/10	22
Push 150 PSI/185°F Max			
1/2"	H-76202W-CAN*	1/10	21
3/4"	H-76203W-CAN*	1/10	22
ASTM F1960 PEX 150 PSI/185°F Max			
1/2"	H-73202W-CE-CAN	1/10	18
3/4"	H-73203W-CE-CAN	1/10	18
ASTM F1807 PEX 150 PSI/185°F Max			
1/2"	H-71202W-CAN*	1/10	18
3/4"	H-71203W-CAN*	1/10	18
BODY ONLY - INSTALL W/ (3) G1 UNION FITTINGS			
G1 Thread 150 PSI/185°F Max			
1"	H-70000W-CAN	1/10	12

*NEW ITEM NUMBER - FORMERLY H-7320W-CAN SERIES
†PUSH FITTINGS CERTIFIED TO ASSE 1061



THERMOSTATIC MIXING VALVE W/ INTEGRAL CHECK VALVES

Forged Brass Valve w/ DZR Brass Fittings,
Temperature Locking Handle
& G1 Union Connections
Outlet Temperature Range 95° - 131°F

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP 150 PSI/185°F Max			
1/2"	H-72202W	1/10	21
3/4"	H-72203W	1/10	22
1"	H-72204W	1/10	24
MIP 150 PSI/185°F Max			
1/2"	H-74202W	1/10	19
3/4"	H-74203W	1/10	19
1"	H-74204W	1/10	23
SWT 150 PSI/185°F Max			
1/2"	H-75202W	1/10	17
3/4"	H-75203W	1/10	19
1"	H-75204W	1/10	22
Press 150 PSI/185°F Max			
1/2"	H-78202W	1/10	20
3/4"	H-78203W	1/10	21
1"	H-78204W	1/10	22
Push 150 PSI/185°F Max			
1/2"	H-76202W*	1/10	21
3/4"	H-76203W*	1/10	22
ASTM F1960 PEX 150 PSI/185°F Max			
1/2"	H-73202W-CE	1/10	18
3/4"	H-73203W-CE	1/10	18
ASTM F1807 PEX 150 PSI/185°F Max			
1/2"	H-71202W*	1/10	18
3/4"	H-71203W*	1/10	18
BODY ONLY - INSTALL W/ (3) G1 UNION FITTINGS			
G1 Thread 150 PSI/185°F Max			
1"	H-70000W	1/10	12

*NEW ITEM NUMBER - FORMERLY H-7320W SERIES
†PUSH FITTINGS CERTIFIED TO ASSE 1061

THERMOSTATIC MIXING VALVE W/ INTEGRAL CHECK VALVES

Forged Brass Valve w/ DZR Brass Fittings,
Temperature Locking Handle
& G1 Union Connections
Outlet Temperature Range 104° - 176°F

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP 150 PSI/203°F Max			
1/2"	H-72272W	1/10	21
3/4"	H-72273W	1/10	22
1"	H-72274W	1/10	24
MIP 150 PSI/203°F Max			
1/2"	H-74272W	1/10	19
3/4"	H-74273W	1/10	19
1"	H-74274W	1/10	23
SWT 150 PSI/203°F Max			
1/2"	H-75272W	1/10	17
3/4"	H-75273W	1/10	19
1"	H-75274W	1/10	22
Press 150 PSI/203°F Max			
1/2"	H-78272W	1/10	20
3/4"	H-78273W	1/10	21
1"	H-78274W	1/10	22
ASTM F1960 PEX 150 PSI/203°F Max			
1/2"	H-73272W	1/10	18
3/4"	H-73273W	1/10	18
ASTM F1807 PEX 150 PSI/203°F Max			
1/2"	H-71272W	1/10	18
3/4"	H-71273W	1/10	18
BODY ONLY - INSTALL W/ (3) G1 UNION FITTINGS			
G1 Thread 150 PSI/203°F Max			
1"	H-70070W	1/10	12

THERMOSTATIC MIXING VALVE









Forged Brass Valve w/ DZR Brass Fittings,
Temperature Locking Handle
& G1 Union Connections
For Solar Applications - Max Input 230°F
Outlet Temperature Range 104° - 176°F

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP 150 PSI/230°F Max			
1/2"	H-72162W	1/10	21
3/4"	H-72163W	1/10	22
1"	H-72164W	1/10	24
MIP 150 PSI/230°F Max			
1/2"	H-74162W	1/10	19
3/4"	H-74163W	1/10	19
1"	H-74164W	1/10	23
SWT 150 PSI/230°F Max			
1/2"	H-75162W	1/10	17
3/4"	H-75163W	1/10	19
1"	H-75164W	1/10	22
Press 150 PSI/230°F Max			
1/2"	H-78162W	1/10	20
3/4"	H-78163W	1/10	21
1"	H-78164W	1/10	22
BODY ONLY - INSTALL W/ (3) G1 UNION FITTINGS			
G1 Thread 150 PSI/230°F Max			
1"	H-70060W	1/10	12

TMV ISOLATION KITS

- Isolates TMV body for service
- Versatile combinations cover most TMV installations
- Easily re-arrange color-coded handles/check valves to valve bodies in accordance with system needs
- Compatible with G1 Union Connections

	ISOLATION BALL VALVE			ANGLED ISOLATION BALL VALVE			The ISOLATOR [®] UNI-FLANGE BALL VALVE	
								
H-7-G234W-KITA		✓	✓					
H-7-G234W-A-KITA					✓	✓		
H-7-G234W-KITB	✓	✓	✓					
H-7-G234W-A-KITB	✓				✓	✓		
H-7-G234W-KITD				✓				
H-G1404W-KITB		✓	✓				✓	
H-G1404W-A-KITB					✓	✓	✓	
H-G1414W-KITB		✓	✓					✓
H-G1414W-A-KITB					✓	✓		✓

TMV G1 UNION ACCESSORIES



ISOLATION BALL VALVE
Full Port Forged DZR Brass Valve

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE
G1 Union × G1 Thread	150 PSI CWP Max	
W/ REVERSIBLE YELLOW HANDLE		
1"	H-7-G134WY	10/60
W/ INTEGRAL CHECK VALVE & REVERSIBLE RED HANDLE		
1"	H-7-G234WR	10/60
W/ INTEGRAL CHECK VALVE & REVERSIBLE BLUE HANDLE		
1"	H-7-G234WB	10/60



THE ISOLATOR W/ ROTATING FLANGE
Full Port Forged DZR Brass Uni-Flange Ball Valve - w/ Detachable Rotating Flange, Adjustable Packing Gland, Nuts & Bolts

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	HV ITEM#	CTN/CASE
G1 Union × Rotating Flange	600 PSI CWP Max		
1"	H-G1404W	H-G1404WHV	1/20
W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN			
1"	H-G1414W	H-G1414WHV	1/20

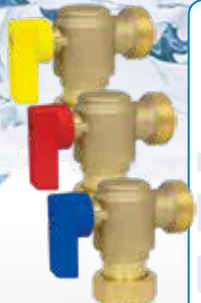
HV ITEMS FIT HIGH VELOCITY & STANDARD SIZE PUMPS.



DUAL SCALE TEMPERATURE GAUGE
w/ Integrated Forged Brass Fitting · 1½" Dial Temperature Range 32° - 248°F

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE
G1 Union × G1 Thread		
1"	H-32000W	10/100



ANGLED ISOLATION BALL VALVE
Full Port Forged DZR Brass Valve

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE
G1 Union × G1 Thread	150 PSI CWP Max	
W/ REVERSIBLE YELLOW HANDLE		
1"	H-7-G134WY-A	10/60
W/ INTEGRAL CHECK VALVE & REVERSIBLE RED HANDLE		
1"	H-7-G234WR-A	10/60
W/ INTEGRAL CHECK VALVE & REVERSIBLE BLUE HANDLE		
1"	H-7-G234WB-A	10/60



G1 UNION ELBOW
Forged DZR Brass Fitting

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE
G1 Union × G1 Thread	150 PSI CWP Max	
1"	H-7-G144W-A	10/60

HIGH-TEMP CHECK VALVES

Replaces included in-line check valves when using select isolation ball valves with high-temp solar heat sources



SET OF 2 IN-LINE CHECK INSERTS & RETAINING RINGS
For Use With Webstone G1 Fittings For Solar Applications - Max Input 230°F

SIZE	ITEM#	CTN/CASE
150 PSI/230°F Max		
3/4"	H-C7-303	10/100

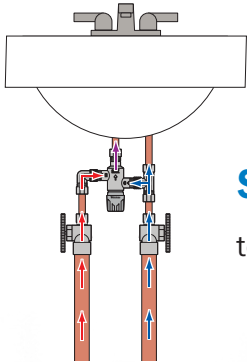
G1 UNION FITTINGS

Pair with body-only TMVs or other union accessories to eliminate additional adapters or accommodate other unique installation needs

	FIP	MIP	SWT	Press	Push	ASTM F1960 PEX	ASTM F1807 PEX
Forged DZR Brass Fitting							
1/2"	H-7-2102W WP	H-7-4102W WP	H-7-5102W WP	H-7-8102W WP	H-7-6102W WP	H-7-3102W WP	H-7-1102W WP
3/4"	H-7-2103W WP	H-7-4103W WP	H-7-5103W WP	H-7-8103W WP	H-7-6103W WP	H-7-3103W WP	H-7-1103W WP
1"	H-7-2104W WP	H-7-4104W WP	H-7-5104W WP	H-7-8104W WP	-	-	-
Forged DZR Brass Fitting with Integral Check Valve							
1/2"	H-7-2202W WP	H-7-4202W WP	H-7-5202W WP	H-7-8202W WP	H-7-6202W WP	H-7-3202W WP	H-7-1202W WP
3/4"	H-7-2203W WP	H-7-4203W WP	H-7-5203W WP	H-7-8203W WP	H-7-6203W WP	H-7-3203W WP	H-7-1203W WP
1"	H-7-2204W WP	H-7-4204W WP	H-7-5204W WP	H-7-8204W WP	-	-	-

ULTRA-COMPACT THERMOSTATIC MIXING VALVE

- Ultra-compact 2½" × 3¼" body
- Ideal for discrete under sink installations
- 95–120°F output range with locking handle
- Factory preset at 120°F
- Integral check valves and strainers on inlets
- Cold water by-pass models include elbow and tee shown
- Optional temperature gauge available
- Includes mounting bracket
- Chrome-plated forged brass or chrome-plated bronze body options



POINT-OF-USE - SINGLE FIXTURE
Set the maximum temperature of each fixture individually



ACTUAL SIZE

CHROME-PLATED FORGED DZR BRASS THERMOSTATIC MIXING VALVE
For Point-of-Use (Single Fixture)
Outlet Temperature Range 95°- 120°F

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372 ASSE 1070

SIZE	ITEM#	CTN/CASE	CASE WT
Compression		150 PSI/180°F Max	
3/8"	H-77201W	10/60	31
W/ 20-220°F TEMPERATURE GAUGE			
3/8"	H-77201W-TG	10/60	40

CHROME-PLATED FORGED DZR BRASS THERMOSTATIC MIXING VALVE
w/ Cold Water By-Pass Fittings
Outlet Temperature Range 95°- 120°F

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372 ASSE 1070

SIZE	ITEM#	CTN/CASE	CASE WT
Compression		150 PSI/180°F Max	
3/8"	H-77211W	10/60	44
Push		150 PSI/180°F Max	
1/4"	H-77610W*	10/60	44
W/ 20-220°F TEMPERATURE GAUGE			
Compression		150 PSI/180°F Max	
3/8"	H-77211W-TG	10/60	53
Push		150 PSI/180°F Max	
1/4"	H-77610W-TG*	10/60	53

*Also certified to ASSE 1061

DUAL SCALE TEMPERATURE GAUGE
w/ Integrated Chrome-Plated Forged DZR Brass Fitting
1" Dial - Temperature Range 20 - 220° F

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
Compression		150 PSI	
3/8"	H-33000W	10/100	16

CHROME-PLATED BRONZE THERMOSTATIC MIXING VALVE
For Point-of-Use (Single Fixture)
Outlet Temperature Range 95°- 120°F

LEAD-FREE
Certified to NSF/ANSI 61 & 372 ASSE 1070

SIZE	ITEM#	CTN/CASE	CASE WT
Compression		150 PSI/180°F Max	
3/8"	H-77401W	10/60	31
W/ 20-220°F TEMPERATURE GAUGE			
3/8"	H-77401W-TG	10/60	40

CHROME-PLATED BRONZE THERMOSTATIC MIXING VALVE
w/ Cold Water By-Pass Fittings
Outlet Temperature Range 95°- 120°F

LEAD-FREE
Certified to NSF/ANSI 61 & 372 ASSE 1070

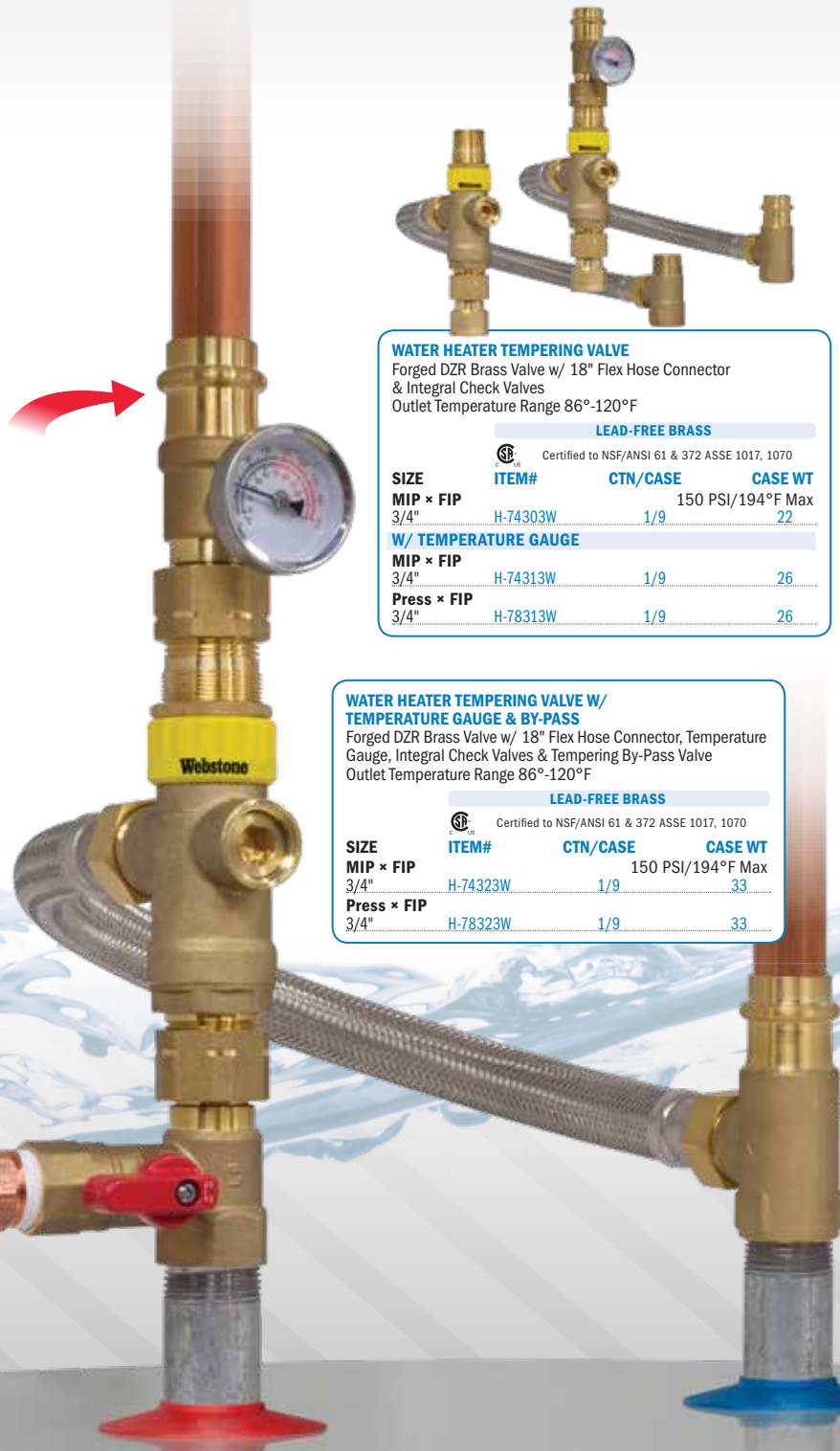
SIZE	ITEM#	CTN/CASE	CASE WT
Compression		150 PSI/180°F Max	
3/8"	H-77411W	10/60	44
W/ 20-220°F TEMPERATURE GAUGE			
Compression		150 PSI/180°F Max	
3/8"	H-77411W-TG	10/60	53

WATER HEATER TEMPERING VALVE

HOT WATER MADE BETTER

GREATER & SAFER HOT WATER OUTPUT PER GALLON STORED

- Allows water heater to be set at 140°F, minimizing risk of Legionella bacteria in the tank
- Mixes hot output with cold supply for greater effective hot water storage
- Adjustable temperature control limits output to 120°F to prevent risk of scalding
- Integrated recirculation port simplifies installation



TEMPERING BY-PASS VALVE

Provides high-temp untempered water to appliances

WATER HEATER TEMPERING VALVE
Forged DZR Brass Valve w/ 18" Flex Hose Connector & Integral Check Valves
Outlet Temperature Range 86°-120°F

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372 ASSE 1017, 1070

SIZE	ITEM#	CTN/CASE	CASE WT
MIP x FIP			150 PSI/194°F Max
3/4"	H-74303W	1/9	22
W/ TEMPERATURE GAUGE			
MIP x FIP			
3/4"	H-74313W	1/9	26
Press x FIP			
3/4"	H-78313W	1/9	26

WATER HEATER TEMPERING BY-PASS VALVE
Forged DZR Brass Valve w/ 1/2 Plugged FIP Port For Direct Connection to High-Temp Appliance

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G3/4 Union x FIP			150 PSI/194°F Max
3/4"	H-G0673W	6/48	34

WATER HEATER TEMPERING VALVE W/ TEMPERATURE GAUGE & BY-PASS
Forged DZR Brass Valve w/ 18" Flex Hose Connector, Temperature Gauge, Integral Check Valves & Tempering By-Pass Valve
Outlet Temperature Range 86°-120°F

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372 ASSE 1017, 1070

SIZE	ITEM#	CTN/CASE	CASE WT
MIP x FIP			150 PSI/194°F Max
3/4"	H-74323W	1/9	33
Press x FIP			
3/4"	H-78323W	1/9	33

SIMPLIFY THE JOB
Tempering Valve Installation Kits include everything to connect to Copper, CPVC or PEX



WATER HEATER TEMPERING VALVE INSTALLATION KIT
Forged DZR Brass Valve w/ 18" Flex Hose Connector, Integral Check Valves & (2) 3/4" ProPush Flexible Water Heater Connectors

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372 ASSE 1017, 1070, 1061 AMSE A112.18.6 CSA B125.6

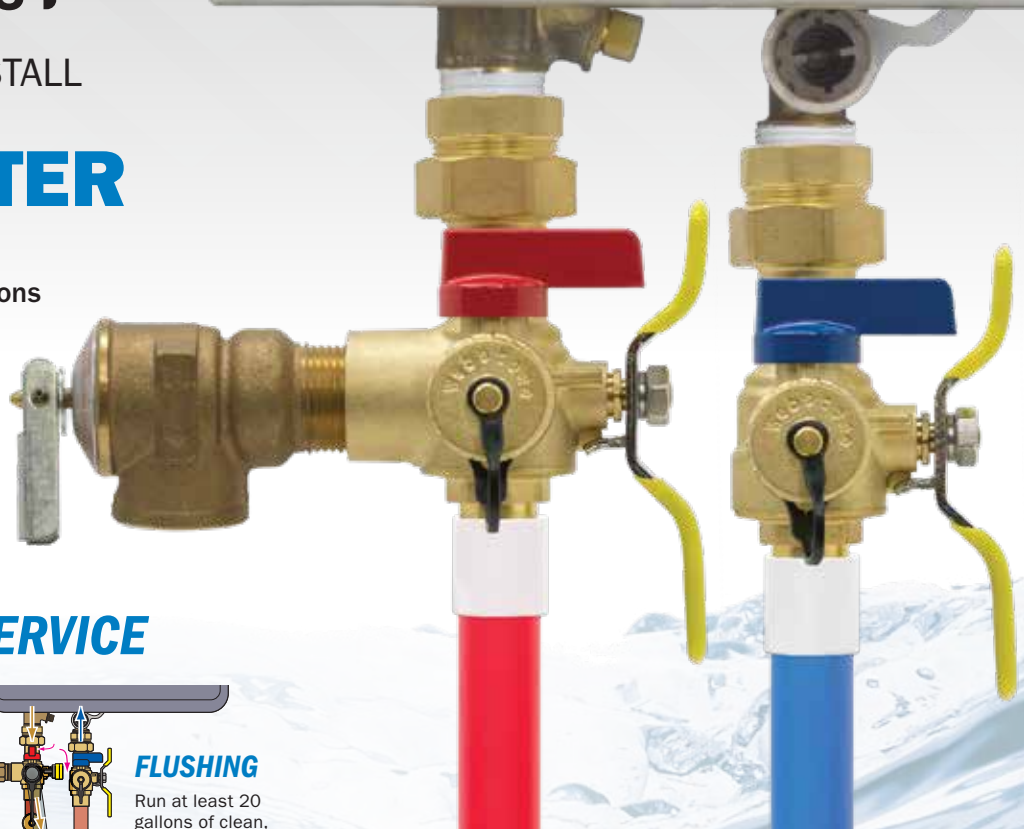
SIZE	ITEM#	CTN/CASE	CASE WT
INCLUDES (2) 3/4" PROPUSH ITEM# H-26033W-18 FLEXIBLE WATER HEATER CONNECTORS			
3/4"	H-74303W-KITA	1/4	14
w/ Outlet Temperature Gauge			
3/4"	H-74313W-KITA	1/4	19
INCLUDES (2) 3/4" PROPUSH ITEM# H-62033W-18 FLEXIBLE WATER HEATER CONNECTORS W/ BALL VALVES			
3/4"	H-74303W-KITB	1/4	16
w/ Outlet Temperature Gauge			
3/4"	H-74313W-KITB	1/4	21

TWH SERVICE VALVES **E·X·P** S E R I E S

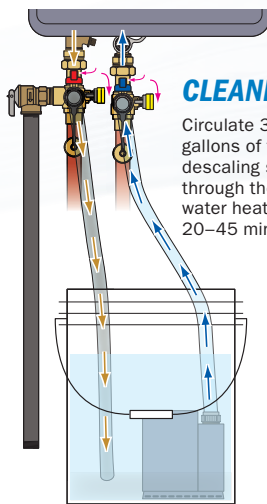
THE **ONLY** WAY TO INSTALL ANY **TANKLESS** **WATER HEATER**

PATENTED TECHNOLOGY

- Quicker, consistent quality installations
- Fewer leak paths
- Allows for one person diagnostic testing
- Full range of service valves styles and installation accessories
- Also for use with wall hung and combi boilers - see page 17

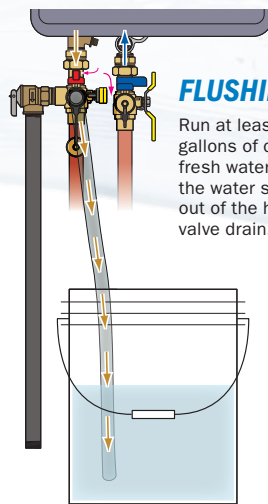


SIMPLIFIES SERVICE



CLEANING

Circulate 3-5 gallons of flushing/descaling solution through the tankless water heater for 20-45 minutes.



FLUSHING

Run at least 20 gallons of clean, fresh water from the water supply out of the hot valve drain.

THE OLD WAY

THE WEBSTONE WAY

REPLACES	SAVES	ELIMINATES
14	108	12
COMPONENTS	MINUTES	LEAK PATHS

NOW FOR THE NEXT GENERATION OF TANKLESS SOLUTIONS

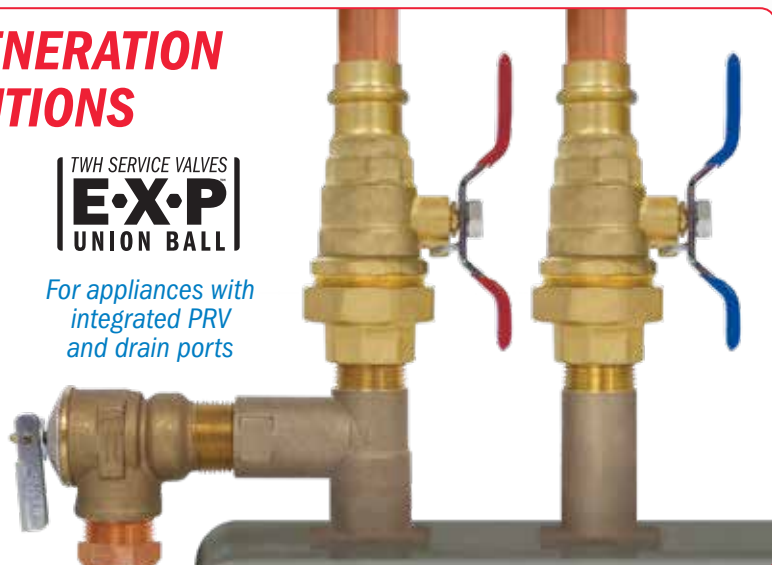
TWH SERVICE VALVES
E·X·P E2
SPACE SAVING

No PRV port models for appliances with integrated PRV Ports.



TWH SERVICE VALVES
E·X·P
UNION BALL

For appliances with integrated PRV and drain ports



SERVICE VALVE STYLE	E-X-P		E-X-P E2		E-X-P E3		E-X-P Union Ball			
Features - all kits include Hot & Cold Set of Full Port Forged Lead-Free Brass Ball Valves and Adjustable Packing Glands										
Pressure Relief Valve (PRV) Outlet	✓	✓	✓	✓	✓	NONE	Adjustable	Adjustable	NONE	
Residential PRV (150 PSI/500,000 BTU/HR)	-	✓	-	✓	Lead-Free	-	✓	✓	-	
Hi-Flow Hose Drains	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Handle Style	Wing	Wing	Wing	Wing	Wing	Wing	Wing	Lever	Wing	
Connections	Size	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	
FIP Union × FIP	3/4"	H-40443W	H-40443WPR	H-44443W	H-44443WPR	H-44443WPR-LF	H-44063W	H-45443WPR	H-45443WPR-LH	H-40423W-RB
	1"	-	-	H-44444W	H-44444WPR	H-44444WPR-LF	-	-	-	-
FIP Union × SWT	3/4"	H-50443W	H-50443WPR	H-54443W	H-54443WPR	H-54443WPR-LF	H-54063W	H-55443WPR	H-55443WPR-LH	H-50423W-RB
	1"	-	-	H-54444W	H-54444WPR	H-54444WPR-LF	-	-	-	-
FIP Union × Press	3/4"	-	-	H-84443W	H-84443WPR	H-84443WPR-LF	H-84063W	H-85443WPR	H-85443WPR-LH	H-80423W-RB
	1"	-	-	H-84444W	H-84444WPR	H-84444WPR-LF	-	-	-	-
FIP Union × Push	3/4"	-	-	H-64443W	H-64443WPR	-	H-64063W	-	-	-
FIP Union × ASTM F1960 PEX	3/4"	-	-	H-34443W	H-34443WPR	-	H-34063W	-	-	H-30423W-RB
FIP Union × ASTM F1807 PEX	3/4"	-	-	H-14443W	H-14443WPR	-	H-14063W	-	-	H-10423W-RB

TWH SERVICE VALVES
E-X-P
PREMIUM DESIGN

PREMIUM DESIGN



E-X-P TANKLESS WATER HEATER SERVICE VALVE KIT

Hot & Cold Set of Full Port Forged Brass Ball Valves w/ Hi-Flow Hose Drains, Pressure Relief Valve Outlet & Adjustable Packing Glands

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP			600 PSI CWP Max
3/4"	H-40443W	1/8	40
FIP Union × SWT			600 PSI CWP Max
3/4"	H-50443W	1/8	38
W/ RESIDENTIAL PRESSURE RELIEF VALVE			
FIP Union × FIP			600 PSI CWP Max
3/4"	H-40443WPR	1/8	51
FIP Union × SWT			600 PSI CWP Max
3/4"	H-50443WPR	1/8	51

TWH SERVICE VALVES
E-X-P E2
SPACE SAVING

SPACE SAVING



E-X-P E2 TANKLESS WATER HEATER SERVICE VALVE KIT

Hot & Cold Set of Full Port Forged DZR Brass Ball Valves w/ Hi-Flow Hose Drains & Adjustable Packing Glands

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP			500 PSI CWP Max/200°F Max
3/4"	H-44063W	1/10	34
FIP Union × SWT			500 PSI CWP Max/200°F Max
3/4"	H-54063W	1/10	35
FIP Union × Press			250 PSI CWP Max/200°F Max
3/4"	H-84063W	1/10	36
FIP Union × Push			200 PSI CWP Max/200°F Max
3/4"	H-64063W*	1/10	36
FIP Union × ASTM F1960 PEX			400 PSI CWP Max/200°F Max
3/4"	H-34063W*	1/10	34
FIP Union × ASTM F1807 PEX			400 PSI CWP Max/200°F Max
3/4"	H-14063W*	1/10	33

W/ PRESSURE RELIEF VALVE OUTLET

FIP Union × FIP			500 PSI CWP Max
3/4"	H-44443W	1/10	31
1"	H-44444W	1/10	54
FIP Union × SWT			500 PSI CWP Max
3/4"	H-54443W	1/10	32
1"	H-54444W	1/10	54
FIP Union × Press			250 PSI CWP Max/250°F Max
3/4"	H-84443W	1/10	32
1"	H-84444W	1/10	56
FIP Union × Push			200 PSI CWP Max
3/4"	H-64443W*	1/10	32

FIP Union × ASTM F1960 PEX			400 PSI CWP Max
3/4"	H-34443W*	1/10	34
FIP Union × ASTM F1807 PEX			400 PSI CWP Max
3/4"	H-14443W*	1/10	33

W/ RESIDENTIAL PRESSURE RELIEF VALVE

FIP Union × FIP			500 PSI CWP Max/210°F Max
3/4"	H-44443WPR	1/10	37
1"	H-44444WPR	1/10	65
FIP Union × SWT			500 PSI CWP Max/210°F Max
3/4"	H-54443WPR	1/10	42
1"	H-54444WPR	1/10	65
FIP Union × Press			250 PSI CWP Max/250°F Max
3/4"	H-84443WPR	1/10	36
1"	H-84444WPR	1/10	65

FIP Union × Push			200 PSI/200°F Max
3/4"	H-64443WPR*	1/10	36
FIP Union × ASTM F1960 PEX			400 PSI CWP Max
3/4"	H-34443WPR*	1/10	38
FIP Union × ASTM F1807 PEX			400 PSI CWP Max
3/4"	H-14443WPR*	1/10	38

W/ LEAD-FREE RESIDENTIAL PRESSURE RELIEF VALVE

FIP Union × FIP			500 PSI CWP Max
3/4"	H-44443WPR-LF	1/10	37
1"	H-44444WPR-LF	1/10	65
FIP Union × SWT			500 PSI CWP Max
3/4"	H-54443WPR-LF	1/10	42
1"	H-54444WPR-LF	1/10	65
FIP Union × Press			250 PSI CWP Max/250°F Max
3/4"	H-84443WPR-LF	1/10	36
1"	H-84444WPR-LF	1/10	65

*SERVICE VALVES ALSO CERTIFIED TO NSF/ANSI 14, ASSE 1061

†SERVICE VALVES ALSO CERTIFIED TO NSF/ANSI 14

E-X-P E3 TANKLESS WATER HEATER SERVICE VALVE KIT

Hot & Cold Set of Full Port Forged Brass Ball Valves w/ Hi-Flow Hose Drains, Adjustable Pressure Relief Valve Outlet & Adjustable Packing Glands - Includes Residential Pressure Relief Valve

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP			500 PSI CWP Max
3/4"	H-45443WPR	1/10	48
FIP Union × SWT			500 PSI CWP Max
3/4"	H-55443WPR	1/10	45
FIP Union × Press			250 PSI CWP Max/250°F Max
3/4"	H-85443WPR	1/10	48
W/ LEVER HANDLES			
FIP Union × FIP			500 PSI CWP Max
3/4"	H-45443WPR-LH	1/10	48
FIP Union × SWT			500 PSI CWP Max
3/4"	H-55443WPR-LH	1/10	48
FIP Union × Press			250 PSI CWP Max
3/4"	H-85443WPR-LH	1/10	48

TWH SERVICE VALVES
E-X-P E3
ADJUSTABLE PRV PORT

RECESSED BOXES



PR-LH Kits include lever handles for tight combi boiler installations

TWH SERVICE VALVES
E-X-P
UNION BALL

For appliances with integrated PRV & drain ports



Also perfect for traditional tanked water heater connections

E-X-P UNION BALL TANKLESS WATER HEATER SERVICE VALVE KIT

Hot & Cold Set of Full Port Forged DZR Brass Ball Valves w/ Union Ends & Adjustable Packing Glands,

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP			250 PSI CWP Max/200°F Max
3/4"	H-40423W-RB	1/12	31
FIP Union × SWT			250 PSI CWP Max/200°F Max
3/4"	H-50423W-RB	1/12	30
FIP Union × Press			250 PSI CWP Max/200°F Max
3/4"	H-80423W-RB	1/12	32
FIP Union × ASTM F1960 PEX			250 PSI CWP Max/200°F Max
3/4"	H-30423W-RB*	1/12	30
FIP Union × ASTM F1807 PEX			250 PSI CWP Max/200°F Max
3/4"	H-10423W-RB*	1/12	30

*ALSO CERTIFIED TO NSF/ANSI 14

PRESSURE RELIEF VALVE OPTIONS

See next page for a full selection of installation accessories



RESIDENTIAL PRV 150 PSI/500,000 BTU/HR
PR Kits: Standard Brass
PR-LF Kits: Lead-Free Brass

BOILER PRV 30 PSI/510,000 BTU/HR for Boiler/Hydronic Applications
(see page 17)

TWH SERVICE VALVES
E·X·P
COMPLETE

COM KIT
3/4" CGA
Gas Ball Valve
(175 WOG)

COM-FP KIT
3/4" CSA Full Port
Forged Brass Ball
Valve (600 WOG)



E-X-P COMPLETE TANKLESS WATER HEATER INSTALLATION KIT
Includes E-X-P E2 Service Valves w/ Residential Pressure Relief Valve (150 PSI/500,000 BTU/HR), 24" x 3/4" Gas Flex Line, & Choice of Gas Ball Valve

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	COM KIT	COM-FP KIT	CTN/CASE	CASE WT
FIP Union x FIP				500 PSI CWP Max/210°F Max
3/4"	H-44443WCOM	H-44443WCOM-FP	1/4	29
FIP Union x SWT				500 PSI CWP Max/210°F Max
3/4"	H-54443WCOM	H-54443WCOM-FP	1/4	30

E-X-P ACCESSORIES

Add an Installation Kit to the E-X-P of your choice, or customize your installation with individual accessories.



TANKLESS WATER HEATER INSTALLATION KIT
3/4" CGA Gas Ball Valve (175 WOG) & 24" x 3/4" Gas Flex Line

SIZE	ITEM#	CTN/CASE	CASE WT
FIP			
3/4"	H-22563-24	1/10	20
W/ LEAD-FREE PRESSURE RELIEF VALVE RELOCATION ADAPTER (FOR USE WITH E-X-P E2)			
3/4"	H-22563-24-ADPT	1/10	26



TANKLESS WATER HEATER INSTALLATION KIT
3/4" CSA Full Port Forged Brass Ball Valve (600 WOG) & 24" x 3/4" Gas Flex Line

SIZE	ITEM#	CTN/CASE	CASE WT
FIP			
3/4"	H-41703T-24	1/10	21
W/ LEAD-FREE PRESSURE RELIEF VALVE RELOCATION ADAPTER (FOR USE WITH E-X-P E2)			
3/4"	H-41703T-24-ADPT	1/10	27



PRESSURE RELIEF VALVES

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
RESIDENTIAL PRESSURE RELIEF VALVE 150 PSI/500,000 BTU/HR			
3/4"	H-20713*	1/100	46
COMMERCIAL GRADE PRESSURE RELIEF VALVE & CLOSE NIPPLE 150 PSI/2.7M BTU			
3/4"	H-20723-CN†	1/10	15
BOILER PRESSURE RELIEF VALVE 30 PSI/510,000 BTU/HR			
3/4"	H-20733‡	1/100	46

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
RESIDENTIAL PRESSURE RELIEF VALVE 150 PSI/500,000 BTU/HR			
3/4"	H-20713W*	1/100	46

CERTIFICATION APPLIES TO CASH ACME *FWL-2, †F-82, ‡F-30



E-X-P PRESSURE RELIEF VALVE RELOCATION ADAPTER

For Recessed Boxes, Tight or Unique Installations

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
Fits E-X-P E2			
3/4"	H-28023W	10/100	58



ADD-A-GAUGE

TO ANY STANDARD HOSE CONNECTION IN JUST MINUTES

PATENTED TECHNOLOGY

- Utilize any hose connection as a gauge port
- Suitable for temporary or permanent gauge installation
- Works with temperature and/or pressure gauges



ADD-A-GAUGE TOOL

Forged Brass Hose Fitting

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
W/ 1/8" BLEEDER (CAPPED) FOR CONNECTION TO PRESSURE GAUGE			
Hose x FIP Union			
3/4" x 1/4"	H-3000W-P	10/100	27
W/ 1/8" BLEEDER (CAPPED) FOR CONNECTION TO TEMPERATURE/PRESSURE GAUGE			
Hose x FIP Union			
3/4" x 1/2"	H-3000W-TP	10/100	27

UNDER BOILER SOLUTIONS

A **SINGLE SOURCE** FOR BETTER **INSTALLATIONS**

- Saves time, space, and labor
- Maintains system efficiency
- Simplifies future maintenance
- Full-featured installations require no more than 22"
- Innovative solutions available for external pumps and combi DHW connections
- G1 union accessories for unique installation needs- see page 19

AIR SEPARATOR

Reduces noise and improves system operation - SEE PAGE 20

MAGNETIC BOILER FILTER

High-powered magnet captures ferrous debris - SEE PAGE 18

HYDRO-CORE MANIFOLD

Avoids precise calculations and costly field fabrication - SEE PAGE 15

DIFFERENTIAL PRESSURE BY-PASS VALVE

Eliminates noise in a zoned hydronic system with fixed-speed primary circulator pump - SEE PAGE 19

PATENTED TECHNOLOGY



HYDRO-CORE™

PATENTED TECHNOLOGY

THE **CORE** OF ANY PROFESSIONAL **HYDRONIC** INSTALLATION

The Webstone Hydro-Core Manifold is the ideal solution for most near boiler piping or secondary loops.

- Combines Webstone Isolator® and Ball Drain™ with closely spaced tees
- Eliminates costly field fabrication
- Avoids precise calculations
- Simplifies future maintenance
- Saves space
- All with EXPERT looking results

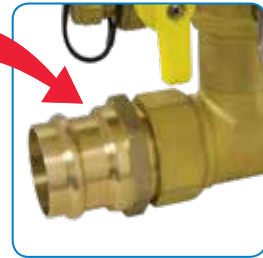
HYDRO-CORE UNION CONNECTION

Available in three distinct styles to meet your needs
SEE PAGE 17

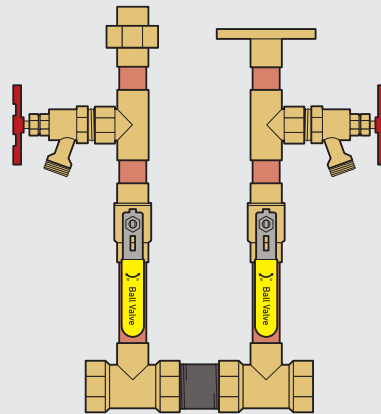


PRO-CONNECT PRESS

Compatible with popular press tools



THE OLD WAY



THE WEBSTONE WAY

REPLACES	SAVES	ELIMINATES
17	144	16
COMPONENTS	MINUTES	LEAK PATHS



T-Flow Ball
Directs flow into either the boiler or purge drain

Precision-Crafted Closely Spaced Tees
for hydraulic separation

Fully-Insulated Body **Snug-Fit Rotating Flange**



FLANGE OPTIONS



Flange Right



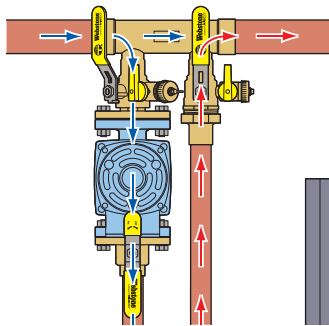
Flange Left



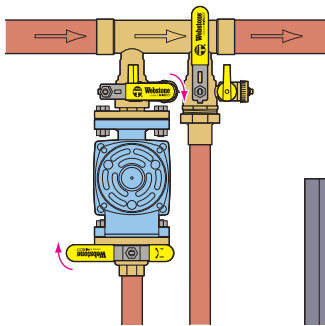
No Flange
Double Ball Drain

ADVANTAGES

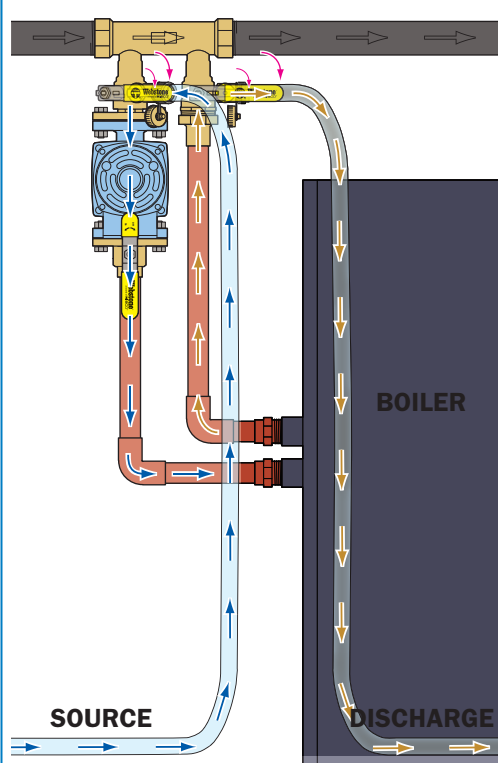
PRECISE SPACING FOR HYDRAULIC SEPARATION



SIMPLIFIES PUMP ISOLATION

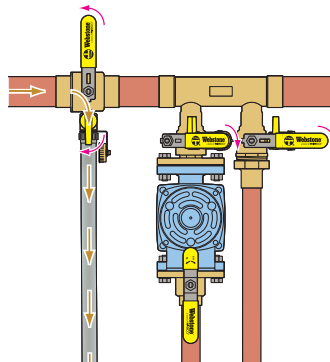
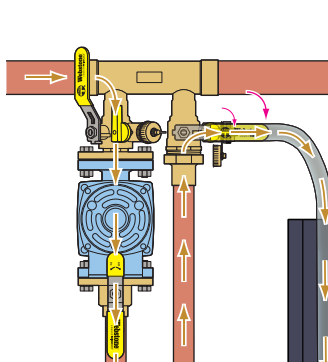


EASILY PURGE, FILL, OR DESCALE* A BOILER OR SECONDARY LOOP



*DESCALING MAY NOT BE RECOMMENDED FOR ALL BOILERS. CONSULT BOILER MANUFACTURER FOR DETAILS.

SIMPLIFIES SYSTEM PURGING THROUGH THE BOILER OUTSIDE THE BOILER

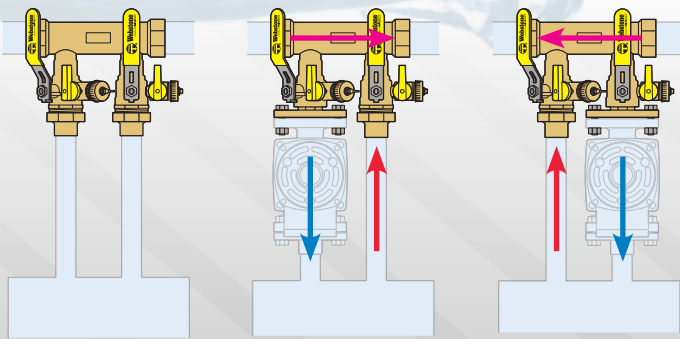


HYDRO-CORE MANIFOLD KITS

Kits include Hydro-Core Manifold and Union Connections. Ideal for field-fabricated near boiler piping or secondary loops.

PUMP LOCATION		Manifold Flange Orientation	System Run	Boiler Connection	FIP	SWT	Press * FIP
Floor Standing Boilers	Wall Hung Boilers						
Internal to boiler	Internal to boiler	Double Ball Drain	1 1/4"	3/4"	H-48354-43	H-58354-53	H-88354-43
			1 1/4"	1"	H-48354-44	H-58354-54	H-88354-44
On the system return line, to the left of system supply line	On the system return line, to the right of system supply line	Flange Right	1 1/4"	3/4"	H-48754-43	H-58754-53	H-88754-43
			1 1/4"	1"	H-48754-44	H-58754-54	H-88754-44
On the system return line, to the right of system supply line	On the system return line, to the left of system supply line	Flange Left	1 1/2"	1 1/4"	H-48765-45	H-58765-55	H-88765-45
			1 1/4"	3/4"	H-48854-43	H-58854-53	H-88854-43
			1 1/4"	1"	H-48854-44	H-58854-54	H-88854-44
			1 1/2"	1 1/4"	H-48865-45	H-58865-55	H-88865-45

FLOOR STANDING BOILERS

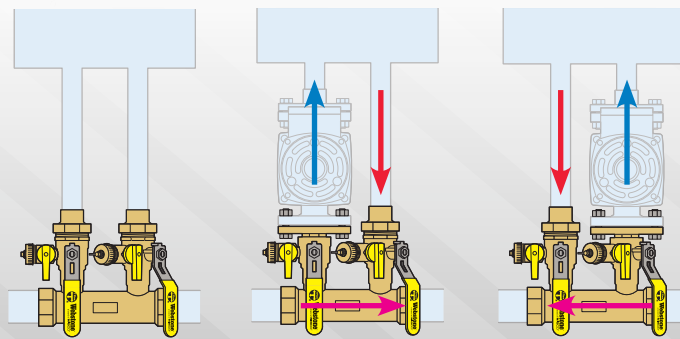


PUMP INTERNAL TO BOILER
Double Ball Drain Manifold

PUMP TO LEFT OF SUPPLY LINE
Flange Right Manifold

PUMP TO RIGHT OF SUPPLY LINE
Flange Left Manifold

WALL HUNG BOILERS



PUMP INTERNAL TO BOILER
Double Ball Drain Manifold

PUMP TO LEFT OF SUPPLY LINE
Flange Left Manifold

PUMP TO RIGHT OF SUPPLY LINE
Flange Right Manifold

BOILER COMPATIBILITY ASSUMPTIONS:

- Hydro-Core manifolds will be selected in accordance with the manufacturers' recommended run, supply and return sizes.
- Selected heat flow direction is acceptable for the installation.
- Customers will ensure that their installation can accommodate any other devices noted by the boiler manufacturer.
- External pumps will be mounted to the manifold and connected to the boiler return.

IF AN EXTERNAL PUMP IS REQUIRED, THE MANIFOLD WILL BE INSTALLED AS FOLLOWS:

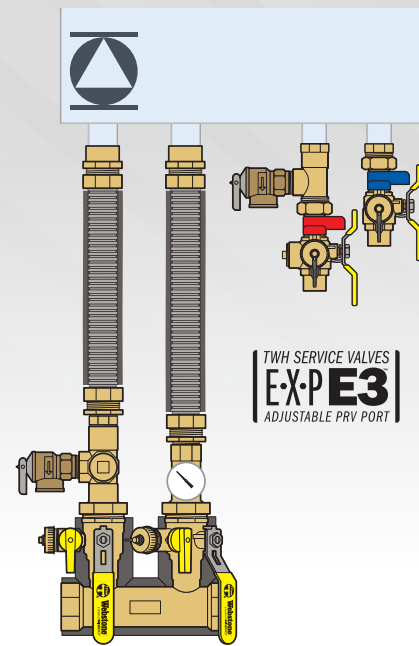
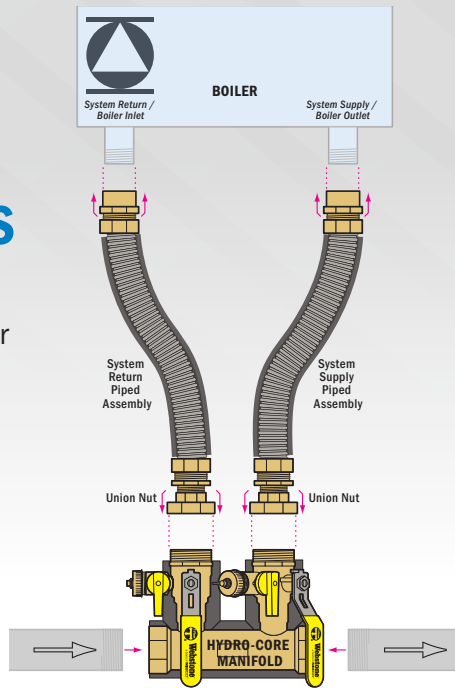
- Ports below the boiler: manifold is installed below with the pump mounted in between.
- Ports on the top or side of the boiler: manifold is installed above the boiler with the pump mounted in between.
- Contact Webstone if your installation varies from these conditions.

HYDRO-CORE™

COMPLETE NEAR BOILER PIPING KITS

A fully-fabricated solution, kits include everything necessary for a successful installation.

REPLACES **34** COMPONENTS
 SAVES **261** MINUTES
 ELIMINATES **29** LEAK PATHS
(savings vary by boiler)



COMBI BOILER KITS†

Includes all the features of the wall hung boiler kits, plus components for DHW connections

WALL HUNG BOILER KITS†

- Choice of **Press**, FIP or SWT Hydro-Core Double Ball Drain Manifold
- Insulated manifold, supply & return lines
- Integrated connections for your specific boiler
- Assembled with flexible stainless steel tubing
- Tubing may be cut for installations in close quarters

- Plugged FIP ports for connection to other devices
- 1/4" pressure gauge port
- 30 psi pressure gauge
- 30 psi pressure relief valve for boiler
- 3/4" E-X-P E3 service valve kit
- 150 psi pressure relief valve for DHW

† Features vary by kit.

NOW AVAILABLE FOR



Boiler	BOSCH		BURNHAM	LAARS	LOCHINVAR		NAVIEN	PEERLESS	WEIL-MCLAIN		WILLIAMSON-THERMOFLO		
MODEL	GreenStar 57 (ZBR16-3) 79 (ZBR21-3) 100 (ZBR28-3) 131 (ZBR35-3) 151 (ZBR42-3) GreenStar Combi 100 (ZWB28-3) 131 (ZWB35-3) 151 (ZWB42-3)		K2 Combi K2WTC-135 K2WTC-150 K2WTC-180	Mascot FT Combi MFTCW 140 MFTCW 199	Noble NKB080 NKB110 NKB150 NKB199 Epic EPB080 EPB110 EPB150 EPB199	Noble Fire Tube Combi NKC110N NKC150N NKC199N	NCB-180 NCB-210 NCB-240	PBC 34 40 52		AquaBalance Series 1 WMB-80C WMB-120C	AquaBalance Series 1 WMB-155	Freestyle Combi FS-80 FS-120	Freestyle FS-155
Compatible Complete Near Boiler Piping Kits	SYSTEM PIPING	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#
FIP	H-4FK4-WIF	H-4FK5-CH	H-4FK5-CH	H-4CC4-NBHK-E3	H-4CC4-NBHK-E3	H-4FK5-CH	H-4CC4-NBHK-E3	H-4FK4R3-WIF-E3	H-4FK4R3-WIF-E3	H-4FK4-WIF	H-4FK4R3-WIF-E3	H-4FK4-WIF	
SWT	H-5FK4-WIF	H-5FK5-CH	H-5FK5-CH	H-5CC4-NBHK-E3	H-5CC4-NBHK-E3	H-5FK5-CH	H-5CC4-NBHK-E3	H-5FK4R3-WIF-E3	H-5FK4R3-WIF-E3	H-5FK4-WIF	H-5FK4R3-WIF-E3	H-5FK4-WIF	
PRESS	H-8FK4-WIF	H-8FK5-CH	H-8FK5-CH	H-8CC4-NBHK-E3	H-8CC4-NBHK-E3	H-8FK5-CH	H-8CC4-NBHK-E3	H-8FK4R3-WIF-E3	H-8FK4R3-WIF-E3	H-8FK4-WIF	H-8FK4R3-WIF-E3	H-8FK4-WIF	
Kit Features													
SYSTEM RUN	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	
BOILER CONNECTION	1"	1"	1"	1"	1"	1"	1"	3/4"	3/4"	1"	3/4"	1"	
MANIFOLD TYPE	Double Ball Drain	Double Ball Drain	Double Ball Drain	Flange Left	Double Ball Drain	Double Ball Drain	Double Ball Drain	Double Ball Drain	Double Ball Drain	Double Ball Drain	Double Ball Drain	Double Ball Drain	
SUPPLY & RETURN PIPING	Flexible Stainless Steel	Flexible Stainless Steel	Flexible Stainless Steel	Bent Copper	Bent Copper	Flexible Stainless Steel	Bent Copper	Flexible Stainless Steel	Flexible Stainless Steel	Flexible Stainless Steel	Flexible Stainless Steel	Flexible Stainless Steel	
FULLY INSULATED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1/4" NPT GAUGE PORT	-	✓	✓	✓	-	✓	-	-	-	-	-	-	
PRESSURE GAUGE	-	✓	✓	✓	-	✓	-	-	-	-	-	-	
3/4" FIP DEVICE PORTS	-	✓	✓	✓	-	✓	-	✓	✓	-	✓	-	
MESH "Y" STRAINER	-	✓	✓	✓	-	✓	-	-	-	-	-	-	
30 PSI BOILER PRV	-	✓	✓	✓	-	✓	-	-	-	-	-	-	
COMBI BOILER DOMESTIC HOT WATER SERVICE VALVE KIT	-	3/4" E-X-P E3	3/4" E-X-P E3	-	3/4" E-X-P E3 with Lever Handles†	3/4" E-X-P E3	3/4" E-X-P E3 with Lever Handles†	3/4" E-X-P E3	3/4" E-X-P E3	-	3/4" E-X-P E3	-	
150 PSI DHW PRV	-	Lead-Free	Lead-Free	-	✓	Lead-Free	✓	-	-	-	-	-	

* All manufacturer names, models and part numbers are trademarked or registered trademark property of their respective owners. Webstone products are not manufactured, sponsored, authorized, or endorsed by any party unless otherwise noted.

† Also available without Combi DHW service valves - Item# H-4CC4-NBHK (FIP), H-5CC4-NBHK (SWT), H-8CC4-NBHK (Press)

HYDRO-CORE™

ACCESSORIES

Join mixed piping types, add a gauge, connect devices, connect a pump, or add a strainer to your Hydro-Core installation.

Manifold / Union Connection Compatibility			
UNION CONNECTION SIZE	FIP MANIFOLD KIT	SWT MANIFOLD KIT	PRESS MANIFOLD KIT
1"	H-48354-43	H-58354-53	H-88354-43
1"	H-48354-44	H-58354-54	H-88354-44
1"	H-48754-43	H-58754-53	H-88754-43
1"	H-48754-44	H-58754-54	H-88754-44
1 1/4"	H-48765-45	H-58765-55	H-88765-45
1"	H-48854-43	H-58854-53	H-88854-43
1"	H-48854-44	H-58854-54	H-88854-44
1 1/4"	H-48865-45	H-58865-55	H-88865-45

PUMP CONNECTION

SIZE	ITEM#	STANDARD BRASS CTN/CASE	CASE WT
ROTATING FLANGE			
SWT × Rotating Flange 600 PSI CWP Max			
1"	H-RF4-54	6/24	25
1 1/4"	H-RF5-55	6/24	23
ROTATING FLANGE W/ "Y" STRAINER			
SWT × Rotating Flange 600 PSI CWP Max			
1"	H-FSTR4-54	6/24	39
1 1/4"	H-FSTR5-55	6/24	47



STAINLESS STEEL LIQUID FILLED DUAL SCALE PRESSURE GAUGE

2" Dial w/ Center Back Connection

SIZE	ITEM#	CTN/CASE	CASE WT
MIP			30 PSI
1/4"	H-31000	1/100	38

HYDRO-CORE UNION CONNECTION

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
1" UNION CONNECTION			
FIP 600 PSI CWP Max			
3/4"	H-HCE4-43	6/24	14
1"	H-HCE4-44	6/24	11
SWT 600 PSI CWP Max			
3/4"	H-HCE4-53	6/24	12
1"	H-HCE4-54	6/24	12
1 1/4" UNION CONNECTION			
FIP 600 PSI CWP Max			
1"	H-HCE5-44	6/24	20
1 1/4"	H-HCE5-45	6/24	16
SWT 600 PSI CWP Max			
1"	H-HCE5-54	6/24	17
1 1/4"	H-HCE5-55	6/24	18



HYDRO-CORE UNION CONNECTION

w/ 1/4" NPT Gauge Port (Plugged)

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
1" UNION CONNECTION			
FIP 600 PSI CWP Max			
3/4"	H-HCE4-63	6/24	25
1"	H-HCE4-64	6/24	22
SWT 600 PSI CWP Max			
3/4"	H-HCE4-73	6/24	19
1"	H-HCE4-74	6/24	19
1 1/4" UNION CONNECTION			
FIP 600 PSI CWP Max			
1"	H-HCE5-64	6/24	37
1 1/4"	H-HCE5-65	6/24	38
SWT 600 PSI CWP Max			
1"	H-HCE5-74	6/24	27
1 1/4"	H-HCE5-75	6/24	27



HYDRO-CORE UNION CONNECTION W/ MULTIPLE DEVICE PORTS

Plugged Connections for (2) 3/4" Devices or (1) 3/4" Device & (1) 1/4" Pressure Gauge

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
1" UNION CONNECTION			
SWT 600 PSI CWP Max			
1"	H-HCE4-94	6/24	27



BOILER SERVICE VALVES

E·X·P™

S E R I E S

WALL HUNG & COMBI BOILER INSTALLATIONS

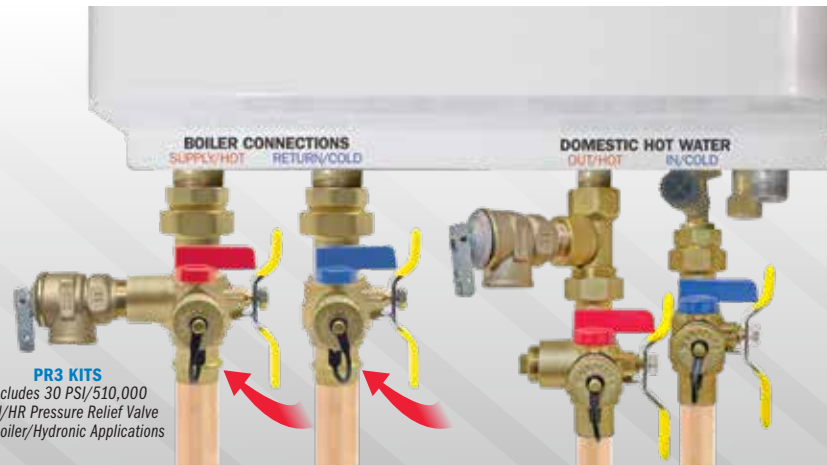
Save space, simplify maintenance, and eliminate leak paths utilizing an E-X-P kit for wall hung or combi boiler hydronic heat connections.

WALL HUNG & COMBI BOILER SERVICE VALVE KIT

Hot & Cold Set of Full Port Forged Brass Ball Valves w/ Hi-Flow Hose Drains, Pressure Relief Valve Outlet & Adjustable Packing Glands

STANDARD BRASS				
SIZE	ITEM#	PR3 ITEM#	CTN/CASE	CASE WT
FIP Union × FIP 500 PSI CWP Max				
1"	H-44444	H-44444PR3	1/10	54
LEAD-FREE BRASS				
Certified to NSF/ANSI 61 & 372				
FIP Union × FIP 500 PSI CWP Max				
1"	H-44444W	H-44444WPR3	1/10	54
FIP Union × SWT 500 PSI CWP Max				
1"	H-54444W	H-54444WPR3	1/10	54
FIP Union × Press 250 PSI CWP Max/250°F Max				
1"	H-84444W	H-84444WPR3	1/10	56

PR3 KITS
Includes 30 PSI/510,000 BTU/HR Pressure Relief Valve for Boiler/Hydronic Applications



E-X-P TANKLESS WATER HEATER KITS ARE IDEAL FOR COMBI BOILER DHW CONNECTIONS - [SEE PAGE 10](#)

MAGNETIC BOILER FILTER

THE **POWERFUL** WAY
TO STAY **EFFICIENT**

- High-powered 12,000 Gauss magnet captures ferrous debris
- Universal diverter allows use with any piping orientation
- G1 Union connections with or without available isolation valves
- Protects system components
- Maintains system efficiency
- Wide range of G1 Union Accessories offer a solution for most installation needs - see page 19



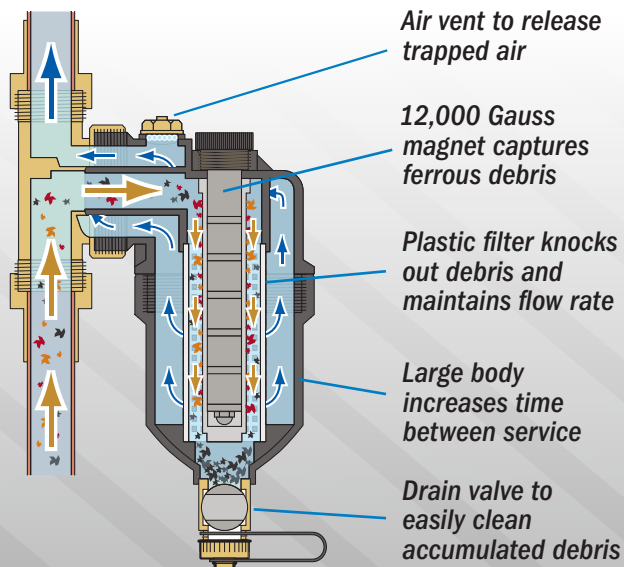
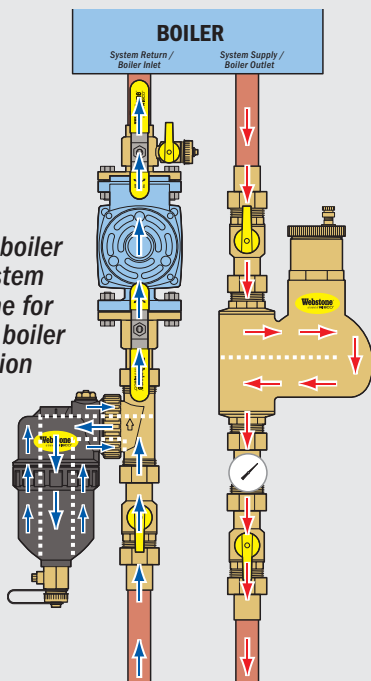
MAGNETIC BOILER FILTER

12,000 Gauss Magnet, Diverter & G1 Union Connections, Integrated Hose Drain Valve, Air Vent & Filter (Includes Service Tool)

STANDARD BRASS			
SIZE	ITEM#	CTN / CASE	CASE WT
FIP 175 PSI CWP Max/250°F Max			
3/4"	H-72703	1/4	11
1"	H-72704	1/4	11
MIP			
3/4"	H-74703	1/4	11
1"	H-74704	1/4	11
SWT			
3/4"	H-75703	1/4	11
1"	H-75704	1/4	11
Press			
3/4"	H-78703	1/4	11
1"	H-78704	1/4	11
W/ (2) G1 ISOLATION VALVES			
FIP 175 PSI CWP Max/250°F Max			
3/4"	H-72713	1/4	11
1"	H-72714	1/4	11
MIP			
3/4"	H-74713	1/4	11
1"	H-74714	1/4	11
SWT			
3/4"	H-75713	1/4	11
1"	H-75714	1/4	11
Press			
3/4"	H-78713	1/4	11
1"	H-78714	1/4	11
BODY ONLY - INSTALL W/ (2) G1 UNION FITTINGS			
G1 Thread			
1"	H-70700	1/4	11



Install on boiler inlet/system return line for maximum boiler protection



DIFFERENTIAL PRESSURE BY-PASS VALVE



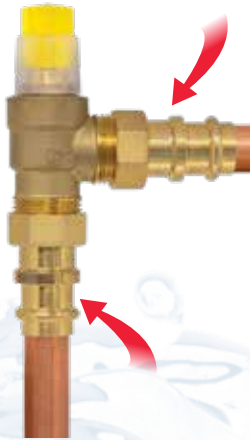
FORGED BRASS DIFFERENTIAL PRESSURE BY-PASS VALVE

Opening Differential Pressure Setting
Adjustable from 1.5 to 9 PSI

STANDARD BRASS				
SIZE	MAX GPM	ITEM#	CTN/CASE	CASE WT
FIP 145 PSI CWP Max/230°F Max				
3/4"	9	H-74533	1/36	25
1"	18	H-74544	1/36	31
MIP				
3/4"	9	H-72533	1/36	25
1"	18	H-72544	1/36	31
SWT				
3/4"	9	H-75533	1/36	25
1"	18	H-75544	1/36	31
Press				
3/4"	9	H-78533	1/36	25
1"	18	H-78544	1/36	31
BODY ONLY - INSTALL W/(2) G1 UNION FITTINGS				
G1 Thread				
3/4"	9	H-70530	1/36	25
1"	18	H-70540	1/36	31

THE **QUIET** WAY TO ZONE **FIXED-SPEED** SYSTEMS

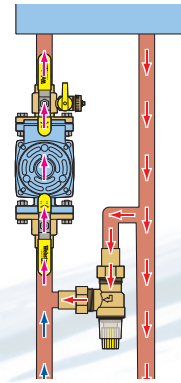
- Eliminates noise in a zoned hydronic system with fixed-speed primary circulator pump
- Protects system components
- Maintains system efficiency
- Prevents over-pumping of zones
- Installs between the boiler supply and return lines, or between zone legs in larger systems
- Installs in any orientation
- Customize with G1 Union Accessories - see below



FORGED BRASS ANGLED DIFFERENTIAL PRESSURE BY-PASS VALVE

Opening Differential Pressure Setting
Adjustable from 1.5 to 9 PSI

STANDARD BRASS				
SIZE	MAX GPM	ITEM#	CTN/CASE	CASE WT
FIP 145 PSI CWP Max/230°F Max				
3/4"	9	H-74533-A	1/36	22
1"	18	H-74544-A	1/36	28
MIP				
3/4"	9	H-72533-A	1/36	22
1"	18	H-72544-A	1/36	28
SWT				
3/4"	9	H-75533-A	1/36	22
1"	18	H-75544-A	1/36	28
Press				
3/4"	9	H-78533-A	1/36	22
1"	18	H-78544-A	1/36	28
BODY ONLY - INSTALL W/ (2) G1 UNION FITTINGS				
G1 Thread				
3/4"	9	H-70530-A	1/36	22
1"	18	H-70540-A	1/36	28



Under partial loads, the DPBV opens to ensure quiet operation and appropriate pressures at the boiler circulator. With all zones active, the DPBV remains closed

HYDRONIC G1 UNION ACCESSORIES

- Compatible with Vertical Air Separator, Magnetic Boiler Filter, Differential Pressure Bypass Valve
- Multiple options to customize your installation and simplify future service



THE ISOLATOR W/ ROTATING FLANGE

Full Port Forged DZR Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Adjustable Packing Gland, Nuts & Bolts

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	HV ITEM#	CTN/CASE	CASE WT
G1 Union x Rotating Flange 600 PSI CWP Max				
1"	H-G1404W	H-G1404WHV	1/20	34
W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN				
G1 Union x Rotating Flange 600 PSI CWP Max				
1"	H-G1414W	H-G1414WHV	1/20	42

HV ITEMS FIT HIGH VELOCITY & STANDARD SIZE PUMPS.



FORGED DZR BRASS FITTING

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
G1 Union x FIP			
3/4"	H-7-2103W WP	10/100	34
1"	H-7-2104W WP	10/100	43
G1 Union x MIP			
3/4"	H-7-4103W WP	10/100	36
1"	H-7-4104W WP	10/100	39
G1 Union x SWT			
3/4"	H-7-5103W WP	10/100	29
1"	H-7-5104W WP	10/100	33
G1 Union x Press			
3/4"	H-7-8103W WP	10/100	39
1"	H-7-8104W WP	10/100	43

G1 UNION ELBOW

Forged DZR Brass Fitting

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G1 Union x G1 Thread 150 PSI CWP Max			
1"	H-7-G144W-A	10/60	29

ISOLATION BALL VALVE

Full Port Forged DZR Brass Valve w/ Reversible Yellow Handle

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G1 Union x G1 Thread 150 PSI CWP Max			
1"	H-7-G134WY	10/60	51
ANGLED			
1"	H-7-G134WY-A	10/60	56

DUAL SCALE TEMPERATURE GAUGE

w/ Integrated Forged Brass Fitting · 1½" Dial · Temperature Range 32° - 248°F

LEAD-FREE BRASS

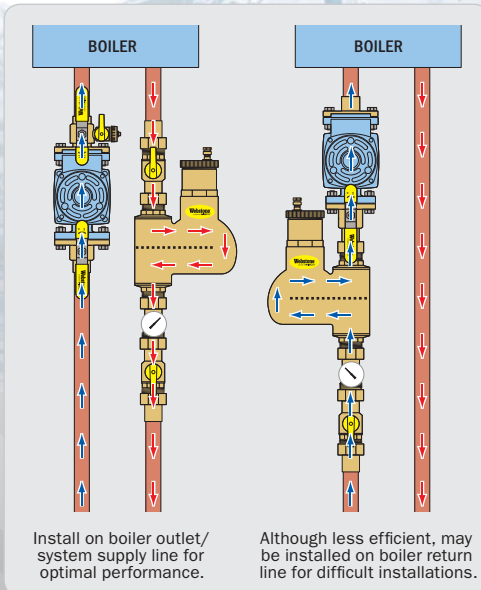
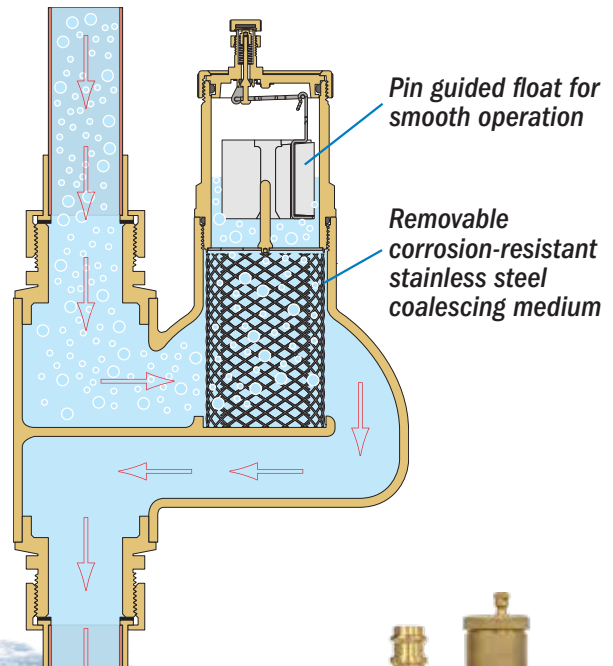
Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G1 Union x G1 Thread 150 PSI			
1"	H-32000W	10/100	50

VERTICAL AIR SEPARATOR

KNOCKING PIPES ARE NOT NORMAL

- Reduces noise
- Improves system efficiency and operation
- Reduces wear on system components
- Vertical or horizontal mount options
- Flow may be directed into either side of the unit
- Wide range of G1 Union Accessories offer a solution for most installation needs - see page 19



BRASS AIR SEPARATOR
w/ Removable Vent Head & Coalescing Medium - For Vertical Installations

SIZE	ITEM#	STANDARD BRASS	
		CTN/CASE	CASE WT
150 PSI/250°F Max			
FIP			
3/4"	H-74003-V	1/8	47
1"	H-74004-V	1/8	48
MIP			
3/4"	H-72003-V	1/8	45
1"	H-72004-V	1/8	47
SWT			
3/4"	H-75003-V	1/8	45
1"	H-75004-V	1/8	46
Press			
3/4"	H-78003-V	1/8	47
1"	H-78004-V	1/8	47
BODY ONLY - INSTALL W/ (2) G1 UNION FITTINGS			
G1 Thread			
1"	H-71000-V	1/8	41

HORIZONTAL AIR SEPARATOR



- Horizontal model includes FIP expansion tank connection

BRASS AIR SEPARATOR

w/ Removable Vent Head & Coalescing Medium

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
150 PSI/250°F Max			
FIP			
3/4"	H-74003	1/10	25
1"	H-74004	1/10	27
1 1/4"	H-74005	1/10	27
1 1/2"	H-74006	1/10	63
2"	H-74007	1/10	67
SWT			
3/4"	H-75003	1/10	25
1"	H-75004	1/10	25
1 1/4"	H-75005	1/10	25
1 1/2"	H-75006	1/10	65
2"	H-75007	1/10	65
Press			
3/4"	H-78003	1/10	30
1"	H-78004	1/10	32
1 1/4"	H-78005	1/10	36
1 1/2"	H-78006	1/10	76
2"	H-78007	1/10	85



- Replacement vent assembly compatible with vertical and horizontal air separator

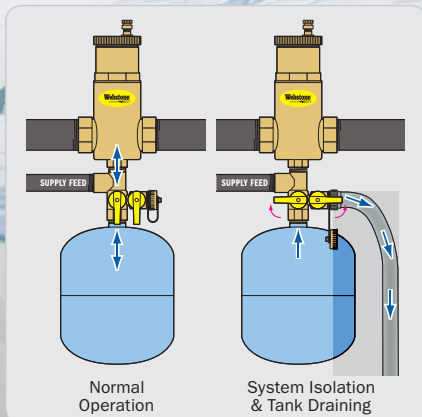
REPLACEMENT VENT ASSEMBLY

SIZE	ITEM#	CTN/CASE	CASE WT
FITS 3/4"-2" AIR SEPARATOR	H-74000	1/50	13

IDEAL FOR USE WITH



SEE PAGE 25





STEP SAVING VALVES FOR THE PROFESSIONAL

PATENTED TECHNOLOGY WITH FURTHER PATENTS PENDING



- Eliminates assemblies needed to isolate & drain any portion of a piped system
- Press or SWT × FIP options designed specifically for use with pre-fabricated threaded headers
- Avoids reduced-port alternatives
- Creates cleaner-looking, more efficient installations
- Reversible handle for added versatility
- Exclusive adjustable flow path allows for draining from either side of the ball

BALL DRAIN

Full Port Forged Brass Ball Valve w/ Hi-Flow Hose Drain, Reversible Handle & Adjustable Packing Glands

STANDARD BRASS

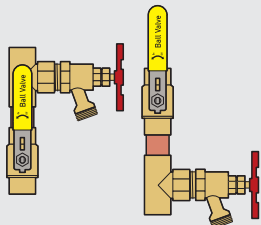
LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT	ITEM#	CTN/CASE	CASE WT
FIP						
600 PSI CWP Max/350°F Max						
1/2"	H-40612	6/36	32	H-40612W	6/36	32
3/4"	H-40613	6/36	40	H-40613W	6/36	40
1"	H-40614	4/24	39	H-40614W	4/24	38
1 1/4"	H-40615	2/12	27	H-40615W	2/12	27
1 1/2"	H-40616	2/12	37	H-40616W	2/8	26
2"	H-40617	1/6	29	H-40617W	1/6	29
SWT						
600 PSI CWP Max/250°F Max						
1/2"	H-50612	6/36	29	H-50612W	6/36	29
3/4"	H-50613	6/36	39	H-50613W	6/36	39
1"	H-50614	4/24	38	H-50614W	4/24	37
1 1/4"	H-50615	2/12	27	H-50615W	2/12	27
1 1/2"	H-50616	2/12	41	H-50616W	2/8	27
2"	H-50617	1/6	32	H-50617W	1/6	30
SWT × FIP						
500 PSI CWP Max/250°F Max						
1/2"	H-54612	6/36	30	H-54612W	6/36	30
3/4"	H-54613	6/36	40	H-54613W	6/36	39
1"	H-54614	4/24	37	H-54614W	4/24	37
Press						
250 PSI CWP Max/250°F Max						
1/2"	H-80612	4/40	39	H-80612W	4/40	38
3/4"	H-80613	4/32	40	H-80613W	4/32	40
1"	H-80614	2/20	35	H-80614W	2/20	35
1 1/4"	H-80615	2/16	43	H-80615W	2/16	43
1 1/2"	-	-	-	H-80616W	1/8	29
2"	-	-	-	H-80617W	1/6	34
Press × FIP						
250 PSI CWP Max/250°F Max						
3/4"	H-84613	4/32	37	-	-	-
1"	H-84614	2/20	33	-	-	-
Press × ASTM F1960 PEX*						
250 PSI CWP Max PSI/250°F Max						
1/2"	-	-	-	H-83612W	4/40	38
3/4"	-	-	-	H-83613W	4/32	30
1"	-	-	-	H-83614W	2/20	19
1 1/4"	-	-	-	H-83615W	2/16	43
1 1/2"	-	-	-	H-83616W	1/8	30
2"	-	-	-	H-83617W	1/6	37
Press × ASTM F1807 PEX*						
250 PSI CWP Max PSI/250°F Max						
1/2"	-	-	-	H-81612W	4/40	38
3/4"	-	-	-	H-81613W	4/32	30
1"	-	-	-	H-81614W	2/20	19
1 1/4"	-	-	-	H-81615W	2/16	42
1 1/2"	-	-	-	H-81616W	1/8	29
2"	-	-	-	H-81617W	1/6	34
ASTM F1960 PEX*						
400 PSI CWP Max/200°F Max						
1/2"	-	-	-	H-30612W	4/40	35
3/4"	-	-	-	H-30613W	4/32	37
1"	-	-	-	H-30614W	2/20	32
1 1/4"	-	-	-	H-30615W	2/16	40
1 1/2"	-	-	-	H-30616W	1/8	28
2"	-	-	-	H-30617W	1/6	33
ASTM F1807 PEX*						
400 PSI CWP Max/200°F Max						
1/2"	-	-	-	H-10612W	4/40	34
3/4"	-	-	-	H-10613W	4/32	35
1"	-	-	-	H-10614W	2/20	31
1 1/4"	-	-	-	H-10615W	2/16	37
1 1/2"	-	-	-	H-10616W	1/8	26
2"	-	-	-	H-10617W	1/6	30

* CERTIFIED TO NSF/ANSI 61 & 372 NSF/ANSI 14

THE OLD WAY



Draining from Above Ball Draining from Below Ball

THE WEBSTONE WAY

REPLACES 4 COMPONENTS SAVES 27 MINUTES ELIMINATES 3 LEAK PATHS

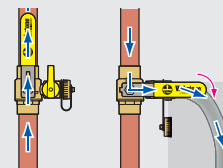


T-Flow Ball

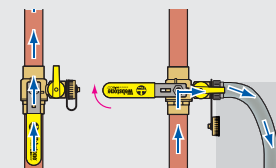


Adjustable stem directs flow into the hi-flow hose drain from either side of the ball

DRAINING FROM ABOVE BALL

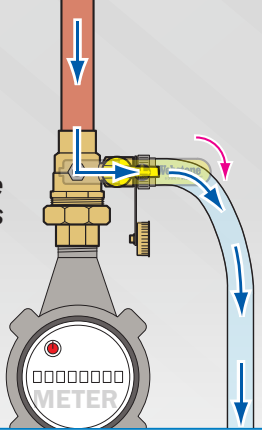


DRAINING FROM BELOW BALL



UNION BALL DRAIN™

Winterize an entire building with simple quarter-turn actions



- All the features of the ball drain, with integrated union connection



THE OLD WAY

Draining from Above Ball Draining from Below Ball

THE WEBSTONE WAY

REPLACES SAVES ELIMINATES
6 45 5
 COMPONENTS MINUTES LEAK PATHS

UNION BALL DRAIN
 Full Port Forged Brass Ball Valve w/ Single Union End, Hi-Flow Hose Drain, Reversible Handle & Adjustable Packing Glands

STANDARD BRASS				LEAD-FREE BRASS		
				Certified to NSF/ANSI 61 & 372		
SIZE	ITEM#	CTN/CASE	CASE WT	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP				600 PSI CWP Max/350°F Max		
3/4"	H-40433	6/24	41	H-40433W	6/24	40
1"	H-40434	4/16	36	H-40434W	4/16	36
1 1/4"	H-40435	2/12	40	H-40435W	2/12	38
1 1/2"	H-40436	2/12	56	H-40436W	2/8	38
FIP Union × SWT				600 PSI CWP Max/250°F Max		
3/4"	H-50433	6/24	40	H-50433W	6/24	39
1"	H-50434	4/16	36	H-50434W	4/16	31
1 1/4"	H-50435	2/12	38	H-50435W	2/12	38
1 1/2"	H-50436	2/12	56	H-50436W	2/8	38
FIP Union × Press				250 PSI CWP Max/250°F Max		
3/4"	-	-	-	H-80433W	4/16	28
1"	-	-	-	H-80434W	2/16	36
1 1/4"	-	-	-	H-80435W	2/8	27
1 1/2"	-	-	-	H-80436W	1/5	25
FIP Union × ASTM F1960 PEX*				250 PSI CWP Max/200°F Max		
1/2"	-	-	-	H-30432W	4/16	22
3/4"	-	-	-	H-30433W	4/16	27
1"	-	-	-	H-30434W	2/16	36
1 1/4"	-	-	-	H-30435W	2/8	27
1 1/2"	-	-	-	H-30436W	1/8	39
2"	-	-	-	H-30437W	1/4	29
FIP Union × ASTM F1807 PEX*				250 PSI CWP Max/200°F Max		
1/2"	-	-	-	H-10432W	4/16	22
3/4"	-	-	-	H-10433W	4/16	27
1"	-	-	-	H-10434W	2/16	35
1 1/4"	-	-	-	H-10435W	2/8	26
1 1/2"	-	-	-	H-10436W	1/8	38
2"	-	-	-	H-10437W	1/4	28

* CERTIFIED TO NSF/ANSI 61 & 372 NSF/ANSI 14

UNION BALL™

- Easily disconnect and replace any portion of a piped system

THE OLD WAY

THE WEBSTONE WAY

REPLACES SAVES ELIMINATES
3 18 2
 COMPONENTS MINUTES LEAK PATHS

UNION BALL
 Full Port Forged DZR Brass Ball Valve w/ Single Union End & Adjustable Packing Gland

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP			
1/2"	H-40422W	5/40	35
3/4"	H-40423W	4/32	41
1"	H-40424W	4/20	37
FIP Union × SWT			
1/2"	H-50422W	5/40	33
3/4"	H-50423W	4/32	40
1"	H-50424W	4/20	36
FIP Union × Press			
1/2"	H-80422W	5/40	37
3/4"	H-80423W	4/32	43
1"	H-80424W	4/20	34
FIP Union × Push			
1/2"	H-60422W*	5/40	34
3/4"	H-60423W*	4/32	38
1"	H-60424W*	4/20	38
FIP Union × ASTM F1960 PEX			
1/2"	H-30422W†	5/40	33
3/4"	H-30423W†	4/32	40
1"	H-30424W†	4/20	36
FIP Union × ASTM F1807 PEX			
1/2"	H-10422W†	5/40	33
3/4"	H-10423W†	4/32	40
1"	H-10424W†	4/20	36

* CERTIFIED TO NSF/ANSI 61 & 372 NSF/ANSI 14 ASSE 1061
† CERTIFIED TO NSF/ANSI 61 & 372 NSF/ANSI 14



ALSO AVAILABLE

TWH SERVICE VALVES
E·X·P
 UNION BALL

Ideal for tanked and next-gen tankless water heater connections - See Page 11



- Installs anywhere a drain or purge valve is required
- Hi-flow alternative for filling, draining, or venting closed-loop hydronic systems



T-DRAIN

Full Port Forged Brass Fitting w/ Hi-Flow Hose Drain & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
SWT			
600 PSI CWP Max/250°F Max			
1/2"	H-50672W	8/80	42
3/4"	H-50673W	6/48	39
1"	H-50674W	4/40	36
1 1/4"	H-50675W	4/40	43
1 1/2"	H-50676W	2/24	34
2"	H-50677W	2/20	34
Press			
250 PSI CWP Max/250°F Max			
1/2"	H-80672W	4/40	25
3/4"	H-80673W	4/16	16
1"	H-80674W	4/16	18
1 1/4"	H-80675W	4/16	20

THE OLD WAY

THE WEBSTONE WAY

REPLACES **2** COMPONENTS

SAVES **9** MINUTES

ELIMINATES **1** LEAK PATHS

HANDLE OPERATION

Normal Operation

System Purging



- Ideal for primary/secondary piping in mod-con boiler systems
- Provides precise spacing required for hydraulic separation
- Enables power purging of secondary loops, improving efficiency at system startup
- The only way to place a valve between closely spaced tees

PURGE-TEE

Full Port Forged Brass Ball Valve w/ Reversible Handle & Adjustable Packing Gland

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
SWT (1" Primary Loop)			
600 PSI CWP Max			
1" x 3/4"	H-58643	1/12	23
1" x 1"	H-58644	1/12	24
SWT (1 1/4" Primary Loop)			
600 PSI CWP Max			
1 1/4" x 3/4"	H-58653	1/12	39
1 1/4" x 1"	H-58654	1/12	38
1 1/4" x 1 1/4"	H-58655	1/12	37
Press (1" Primary Loop)			
250 PSI CWP Max/250°F Max			
1" x 3/4"	H-88643	1/12	34
1" x 1"	H-88644	1/12	34
Press (1 1/4" Primary Loop)			
250 PSI CWP Max/250°F Max			
1 1/4" x 1"	H-88654	1/12	51
1 1/4" x 1 1/4"	H-88655	1/12	52

THE OLD WAY



THE WEBSTONE WAY

REPLACES **5** COMPONENTS

SAVES **36** MINUTES

ELIMINATES **4** LEAK PATHS

*Correct spacing for hydraulic separation cannot be achieved using off-the-shelf components.



POWER PURGING

Fluid is rapidly forced through the secondary loop, purging excess air from system through the drain

BOILER

Supply

Drain



PURGE & FILL

- Simultaneously drain, flush & refill any hydronic, solar, or closed loop system
- T-pattern flow path quickly and easily prevents the flow between the two hose connections
- As fluid is introduced into the system, the existing fluid or air is diverted out of the system through the remaining hose connection
- Reversible handle for added versatility

THE OLD WAY

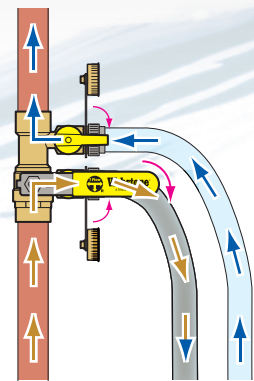
THE WEBSTONE WAY

REPLACES 7 COMPONENTS SAVES 54 MINUTES ELIMINATES 6 LEAK PATHS

PURGE & FILL
Full Port Forged Brass Ball Valve w/ (2) Hi-Flow Hose Drains, Reversible Handle & Adjustable Packing Glands

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
600 PSI CWP Max			
FIP			
3/4"	H-48613	1/12	20
1"	H-48614	1/12	26
1 1/4"	H-48615	1/12	38
1 1/2"	H-48616	1/12	49
600 PSI CWP Max			
SWT			
3/4"	H-58613	1/12	23
1"	H-58614	1/12	26
1 1/4"	H-58615	1/12	38
1 1/2"	H-58616	1/12	51
250 PSI CWP Max/250°F Max			
Press			
3/4"	H-88613	1/12	20
1"	H-88614	1/12	27
1 1/4"	H-88615	1/12	40
1 1/2"	H-88616	1/6	27

Simultaneously Drain, Flush & Fill



EXPANSION TANK PRO SERVICE VALVE

- The 3-way ball controls flow between the expansion tank and the system
- Easily install, isolate, drain & replace any expansion tank
- Quickly connect entire system to the cold water feed
- MIP model for direct connection to air separator or tee
- FIP model allows for distance between tank and system

THE OLD WAY

THE WEBSTONE WAY

REPLACES 7 COMPONENTS SAVES 54 MINUTES ELIMINATES 6 LEAK PATHS

HANDLE OPERATION

Normal Operation System Isolation & Tank Draining

EXPANSION TANK PRO SERVICE VALVE
Full Port Forged Brass Ball Valve w/ Hi-Flow Hose Drain

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
600 PSI CWP Max/250°F Max			
MIP/SWT × FIP × Hose			
1/2"	H-41672	1/30	29
600 PSI CWP Max			
FIP × Hose			
1/2"	H-44672	1/30	31

Ideal for use with Horizontal Air Separator
SEE PAGE 21

The ISOLATOR[®]

UNI-FLANGE BALL VALVE[®]

THE ONLY WAY TO ISOLATE CIRCULATOR PUMPS

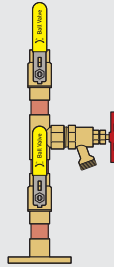
PATENTED TECHNOLOGY WITH FURTHER PATENTS PENDING

The ISOLATOR[®]

UNI-FLANGE BALL VALVE[®]
with ROTATING FLANGE

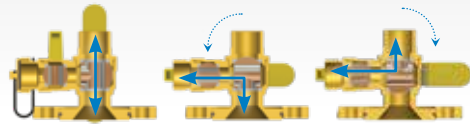
The features and benefits you trust in our original Isolator line, with two versatile enhancements. The 360° flange rotation allows rotation to any degree necessary for your installation, and the multi-function drain that makes the Isolator the only valve that drains from both sides of the pump!

THE OLD WAY



THE WEBSTONE WAY
REPLACES 8 COMPONENTS SAVES 63 MINUTES ELIMINATES 7 LEAK PATHS

PURGES BEFORE OR AFTER PUMP

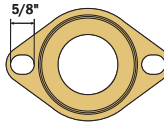
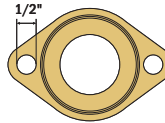


TWO FLANGE DESIGN OPTIONS

ALSO AVAILABLE W/ ROUND FLANGE FOR HIGH EFFICIENCY VARIABLE SPEED PUMPS - SEE PAGE 28

ITEM#

1/2" HOLE
FITS STANDARD
SIZE PUMPS



HV ITEM#

5/8" SLOTTED HOLE
FITS HIGH VELOCITY &
STANDARD SIZE PUMPS

THE ISOLATOR W/ ROTATING FLANGE

Full Port Forged Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Adjustable Packing Gland, Nuts & Bolts

STANDARD BRASS

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	HV ITEM#	CTN/CASE	CASE WT	ITEM#	HV ITEM#	CTN/CASE	CASE WT
FIP × Rotating Flange								
600 PSI CWP Max								
3/4"	H-41403	H-41403HV	1/20	27	H-41403W	H-41403WHV	2/20	27
1"	H-41404	H-41404HV	1/20	34	H-41404W	H-41404WHV	2/20	35
1 1/4"	H-41405	H-41405HV	1/20	41	H-41405W	H-41405WHV	2/10	45
1 1/2"	H-41406	H-41406HV	1/20	54	H-41406W	H-41406WHV	2/10	32
2"	-	-	-	-	-	H-41407WHV	1/10	34
SWT × Rotating Flange								
600 PSI CWP Max								
3/4"	H-51403	H-51403HV	1/20	25	H-51403W	H-51403WHV	2/20	27
1"	H-51404	H-51404HV	1/20	34	H-51404W	H-51404WHV	2/20	35
1 1/4"	H-51405	H-51405HV	1/20	41	H-51405W	H-51405WHV	2/20	45
1 1/2"	H-51406	H-51406HV	1/20	58	H-51406W	H-51406WHV	2/10	33
2"	-	-	-	-	-	H-51407WHV	1/10	34
Press × Rotating Flange								
250 PSI CWP Max/250°F Max								
3/4"	H-81403	H-81403HV	1/20	28	H-81403W	H-81403WHV	1/20	28
1"	H-81404	H-81404HV	1/20	40	H-81404W	H-81404WHV	1/20	40
1 1/4"	H-81405	H-81405HV	1/20	53	H-81405W	H-81405WHV	1/20	53
1 1/2"	H-81406	H-81406HV	1/10	32	H-81406W	H-81406WHV	1/10	32
2"	-	H-81407HV	1/10	36	-	H-81407WHV	1/10	51
ASTM F1960 PEX × Rotating Flange*								
400 PSI CWP Max								
3/4"	-	-	-	-	H-31403W	H-31403WHV	1/20	27
1"	-	-	-	-	H-31404W	H-31404WHV	1/20	27
ASTM F1807 PEX × Rotating Flange*								
400 PSI CWP Max								
3/4"	-	-	-	-	H-11403W	H-11403WHV	1/20	27
1"	-	-	-	-	H-11404W	H-11404WHV	1/20	29
W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN								
600 PSI CWP Max								
FIP × Rotating Flange								
3/4"	H-41413	H-41413HV	2/20	36	H-41413W	H-41413WHV	2/20	35
1"	H-41414	H-41414HV	2/20	43	H-41414W	H-41414WHV	2/20	41
1 1/4"	H-41415	H-41415HV	2/20	54	H-41415W	H-41415WHV	2/10	27
1 1/2"	H-41416	H-41416HV	2/10	38	H-41416W	H-41416WHV	2/10	36
2"	-	-	-	-	-	H-41417WHV	1/10	38
SWT × Rotating Flange								
600 PSI CWP Max								
3/4"	H-51413	H-51413HV	2/20	36	H-51413W	H-51413WHV	2/20	36
1"	H-51414	H-51414HV	1/20	43	H-51414W	H-51414WHV	2/20	41
1 1/4"	H-51415	H-51415HV	2/20	54	H-51415W	H-51415WHV	2/10	28
1 1/2"	H-51416	H-51416HV	1/10	38	H-51416W	H-51416WHV	2/10	33
2"	-	-	-	-	-	H-51417WHV	1/10	36
Press × Rotating Flange								
250 PSI CWP Max/250°F Max								
3/4"	H-81413	H-81413HV	1/20	40	H-81413W	H-81413WHV	1/20	40
1"	H-81414	H-81414HV	1/20	48	H-81414W	H-81414WHV	1/20	48
1 1/4"	H-81415	H-81415HV	1/10	31	H-81415W	H-81415WHV	1/10	31
1 1/2"	H-81416	H-81416HV	1/10	38	H-81416W	H-81416WHV	1/10	38
2"	-	H-81417HV	1/10	40	-	H-81417WHV	1/10	53
ASTM F1960 PEX × Rotating Flange*								
400 PSI CWP Max								
3/4"	-	-	-	-	H-31413W	H-31413WHV	1/20	27
1"	-	-	-	-	H-31414W	H-31414WHV	1/20	27
ASTM F1807 PEX × Rotating Flange*								
400 PSI CWP Max								
3/4"	-	-	-	-	H-11413W	H-11413WHV	1/20	27
1"	-	-	-	-	H-11414W	H-11414WHV	1/20	27

* 2" ISOLATORS HAVE 1 1/2" PORT.

* ALSO CERTIFIED TO NSF/ANSI 14 & IAPMO ANSI Z1157

AVAILABLE W/
PRO-CONNECT PPR-PRO
EXCLUSIVELY FOR
aquatherm
SEE PAGE 32

AVAILABLE W/
PRO-CONNECT PPR-PRO
FOR ANY
PP-R OR PP-RCT
PIPING SYSTEM
SEE PAGE 33



These valves have revolutionized the installation of circulator pumps. Our original Isolator Uni-Flange Ball Valve design has evolved into the largest flanged ball valve program in the industry today.

- Conical inlet to minimize turbulence
- Fits virtually any standard circulator pump
- Available slotted holes for high velocity pumps
- Prevents electrolysis
- Eliminates galvanic corrosion



THE ISOLATOR UNI-FLANGE BALL VALVE

Full Port Forged Brass Ball Valve w/ Adjustable Packing Gland, Nuts & Bolts

STANDARD BRASS				
SIZE	ITEM#	HV ITEM#	CTN/CASE	CASE WT
FIP × Flange 600 PSI CWP Max				
1/2"	H-40402	-	1/20	24
3/4"	H-40403	-	1/20	29
1"	H-40404	H-40404HV	1/20	35
1 1/4"	H-40405	H-40405HV	1/20	41
1 1/2"	H-40406	H-40406HV	1/20	59
2"	-	H-40407HV	1/10	38
SWT × Flange 600 PSI CWP Max				
1/2"	H-50402	-	1/20	25
3/4"	H-50403	H-50403HV	1/20	28
1"	H-50404	H-50404HV	1/20	34
1 1/4"	H-50405	H-50405HV	1/20	41
1 1/2"	H-50406	H-50406HV	1/20	58
2"	-	H-50407HV	1/10	40
W/ HI-FLOW HOSE DRAIN 600 PSI CWP Max				
FIP × Flange				
3/4"	H-40413	H-40413HV	1/20	42
1"	H-40414	H-40414HV	1/20	49
1 1/4"	H-40415	H-40415HV	1/20	62
1 1/2"	H-40416	H-40416HV	1/10	41
2"	-	H-40417HV	1/10	57
SWT × Flange 600 PSI CWP Max				
3/4"	H-50413	H-50413HV	1/20	41
1"	H-50414	H-50414HV	1/20	50
1 1/4"	H-50415	H-50415HV	1/20	63
1 1/2"	H-50416	H-50416HV	1/10	43
2"	-	H-50417HV	1/10	57

HV ITEMS FIT HIGH VELOCITY & STANDARD SIZE PUMPS. 2" ISOLATORS HAVE 1 1/2" PORT.

THE ISOLATOR CIRCULATOR PUMP INSTALLATION KIT

Your choice of Isolator & Isolator w/ Drain & 2 Full-Faced Flange Gaskets, Nuts & Bolts

STANDARD BRASS					LEAD-FREE BRASS			
SIZE	ITEM#	HV ITEM#	CTN/CASE	CASE WT	ITEM#	HV ITEM#	CTN/CASE	CASE WT
THE ISOLATOR CIRCULATOR PUMP INSTALLATION KIT								
FIP × Flange 600 PSI CWP Max								
3/4"	H-40413KIT	H-40413HVKIT	1/10	36	-	-	-	-
1"	H-40414KIT	H-40414HVKIT	1/10	43	-	-	-	-
1 1/4"	H-40415KIT	H-40415HVKIT	1/10	52	-	-	-	-
SWT × Flange 600 PSI CWP Max								
3/4"	H-50413KIT	H-50413HVKIT	1/10	36	-	-	-	-
1"	H-50414KIT	H-50414HVKIT	1/10	43	-	-	-	-
1 1/4"	H-50415KIT	H-50415HVKIT	1/10	54	-	-	-	-
THE ISOLATOR W/ ROTATING FLANGE CIRCULATOR PUMP INSTALLATION KIT								
FIP × Rotating Flange 600 PSI CWP Max								
3/4"	H-41413KIT	H-41413HVKIT	1/10	32	H-41413WKIT	H-41413WHVKIT	1/10	32
1"	H-41414KIT	H-41414HVKIT	1/10	38	H-41414WKIT	H-41414WHVKIT	1/10	38
1 1/4"	H-41415KIT	H-41415HVKIT	1/10	49	H-41415WKIT	H-41415WHVKIT	1/10	52
SWT × Rotating Flange 600 PSI CWP Max								
3/4"	H-51413KIT	H-51413HVKIT	1/10	32	H-51413WKIT	H-51413WHVKIT	1/10	32
1"	H-51414KIT	H-51414HVKIT	1/10	38	H-51414WKIT	H-51414WHVKIT	1/10	38
1 1/4"	H-51415KIT	H-51415HVKIT	1/10	49	H-51415WKIT	H-51415WHVKIT	1/10	52

HV ITEMS FIT HIGH VELOCITY & STANDARD SIZE PUMPS. 2" ISOLATORS HAVE 1 1/2" PORT.



CIRCULATOR PUMP INSTALLATION KIT

INCLUDES EVERYTHING BUT THE PUMP!



DOUBLE FLANGED CHECK VALVE



SNUG-FIT ROTATING FLANGE



SECTION REMOVED TO SHOW INTERNAL CONSTRUCTION

The easiest way to add a check valve to any pump! Two sizes cover all standard Isolator installations.

- Installs between the pump & Isolator
- Limits SKUs and saves space on the truck!
- Replacement check assemblies available

THE ISOLATOR DOUBLE FLANGED CHECK

Forged Brass Check Valve w/ Rotating Flange - Includes One Set of Mounting Bolts & Full Faced Flange Gasket

STANDARD BRASS			
SIZE	HV ITEM#	CTN/CASE	CASE WT
Flange × Rotating Flange 150 PSI @ 200°F			
3/4" thru 1 1/4"	H-13703HV	1/10	16
1 1/2" thru 2"	H-13706HV	1/10	18

FITS STANDARD & HIGH VELOCITY PUMPS





The ISOLATOR[®]

UNI-FLANGE BALL VALVE[®]

with ROUND FLANGE

- Detachable rotating round flange
- Three flange styles designed specifically for each pump

THE ISOLATOR W/ ROUND FLANGE

Full Port Forged Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Adjustable Packing Gland, Nuts & Bolts

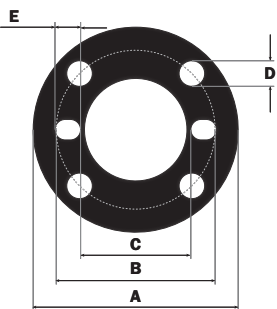
STANDARD BRASS			
SIZE	HV ITEM#	CTN/CASE	CASE WT
FIP × Rotating Flange 600 PSI CWP Max			
1 1/2"	H-41406HV-RF375	1/6	22
2"	H-41407HV-RF400	1/6	30
2"	H-41407HV-RF475	1/6	31
SWT × Rotating Flange 600 PSI CWP Max			
1 1/2"	H-51406HV-RF375	1/6	22
2"	H-51407HV-RF400	1/6	32
2"	H-51407HV-RF475	1/6	33
Press × Rotating Flange 250 PSI CWP Max/250°F Max			
1 1/2"	H-81406HV-RF375	1/6	23
2"	H-81407HV-RF400	1/6	33
2"	H-81407HV-RF475	1/6	34

W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN

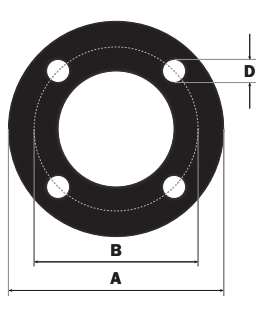
FIP × Rotating Flange 600 PSI CWP Max			
1 1/2"	H-41416HV-RF375	1/6	26
2"	H-41417HV-RF400	1/6	37
2"	H-41417HV-RF475	1/6	38
SWT × Rotating Flange 600 PSI CWP Max			
1 1/2"	H-51416HV-RF375	1/6	26
2"	H-51417HV-RF400	1/6	38
2"	H-51417HV-RF475	1/6	39
Press × Rotating Flange 250 PSI CWP Max/250°F Max			
1 1/2"	H-81416HV-RF375	1/6	27
2"	H-81417HV-RF400	1/6	38
2"	H-81417HV-RF475	1/6	41

High Efficiency Variable Speed Pump						
MANUFACTURER*	ARMSTRONG	BELL & GOSSETT	GRUNDFOS	TACO		WILO
MODEL	E.2 Series E16.2/E16.2B, E30.2/E30.2B	ecocirc XL 15-75, XL 20-140, XL 40-200	Magna3 50-80 F, 50-150 F	00e VR15-1	00e VR20-1	Stratos 2.0 × 3-35
Isolator w/Round Flange						
COMPATIBLE FLANGE	RF400	RF400	RF475	RF375	RF475	RF400

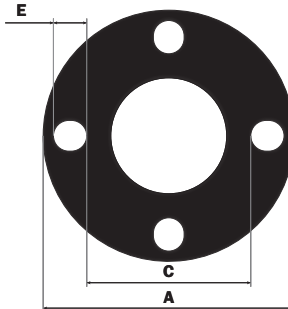
RF375 FLANGE



RF400 FLANGE



RF475 FLANGE



FLANGE DIMENSIONS

	A	B	C	D	E
RF375	5"	3 7/8"	2 11/16"	5/8"	5/8"
RF400	5 1/4"	4"	-	9/16"	-
RF475	6 1/8"	-	4"	-	13/16"

The ISOLATOR[®]

UNI-FLANGE BALL VALVE[®]

SELECT[™] WITH 4-WAY SELECTABLE FLOW PATH

IDEAL FOR GEOTHERMAL APPLICATIONS

- Easily fill, purge, sample or add a pressure gauge right at the pump
- 1" side ports enable quicker filling and purging - ideal for Geothermal applications
- Easily direct fluid between 4 available ports
- Easily isolate the pump for replacement



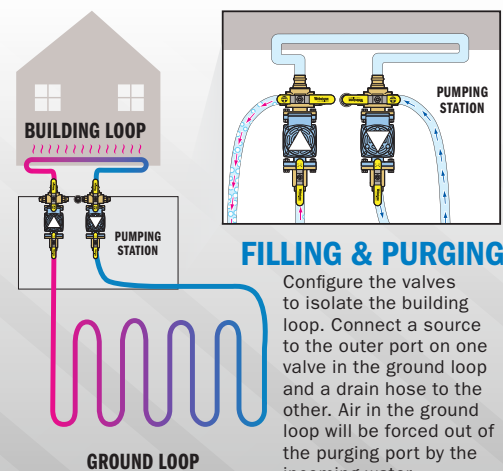
THE ISOLATOR SELECT

Full Port Forged Brass Uni-Flange Ball Valve w/ 4-Way Selectable Flow Path, Plugged FNPT Ports, Adjustable Packing Glands, Nuts & Bolts, Flange Gasket

STANDARD BRASS			
SIZE	HV ITEM#	CTN/CASE	CASE WT
FIP × Press × Rotating Flange 250 PSI CWP Max/250°F Max			
1"	H-81424HV	1/10	35

FITS STANDARD & HIGH VELOCITY PUMPS

2-PUMP GEOTHERMAL SYSTEM OVERVIEW



FILLING & PURGING

Configure the valves to isolate the building loop. Connect a source to the outer port on one valve in the ground loop and a drain hose to the other. Air in the ground loop will be forced out of the purging port by the incoming water.

CONNECTIONS FOR EVERY JOB



THREADED



SWEAT



PRO-CONNECT PRESS



PRO-CONNECT PPR PRO
aquatherm



PRO-CONNECT PPR PRO



PRO-CONNECT PRO PUSH



F1960 PEX



F1807 PEX



TRANSITION



HOSE



G1 UNION



COMPRESSION



FLANGE

F1960 & F1807 PEX PRODUCTS

NOW IN SIZES UP TO 2"



F1960 COLD EXPANSION

F1807 CRIMP OR CLAMP

FULL FLOW FORGED DZR BRASS BALL VALVE
w/ Stainless Steel Wing Style "T" Handle
& Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372
NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
ASTM F1960 PEX 400 PSI CWP Max/250°F Max			
1/2"	H-31702WSSW	10/80	27
3/4"	H-31703WSSW	10/60	30
1"	H-31704WSSW	6/36	33
1 1/4"	H-31705WSSW	5/25	33
1 1/2"	H-31706WSSW	5/25	49
2"	H-31707WSSW	2/12	38
ASTM F1807 PEX 400 PSI CWP Max/250°F Max			
1/2"	H-11702WSSW	10/80	23
3/4"	H-11703WSSW	10/60	26
1"	H-11704WSSW	6/36	26



THE ISOLATOR W/ ROTATING FLANGE

Full Port Forged DZR Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Adjustable Packing Gland, Nuts & Bolts

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372
NSF/ANSI 14

SIZE	ITEM#	HV ITEM#	CTN/CASE	CASE WT
ASTM F1960 PEX × Rotating Flange 400 PSI CWP Max				
3/4"	H-31403W	H-31403WHV	1/20	27
1"	H-31404W	H-31404WHV	1/20	27
ASTM F1807 PEX × Rotating Flange 400 PSI CWP Max				
3/4"	H-11403W	H-11403WHV	1/20	27
1"	H-11404W	H-11404WHV	1/20	29
W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN				
ASTM F1960 PEX × Rotating Flange 400 PSI CWP Max				
3/4"	H-31413W	H-31413WHV	1/20	27
1"	H-31414W	H-31414WHV	1/20	27
ASTM F1807 PEX × Rotating Flange 400 PSI CWP Max				
3/4"	H-11413W	H-11413WHV	1/20	27
1"	H-11414W	H-11414WHV	1/20	27

HV ITEMS FIT HIGH VELOCITY & STANDARD SIZE PUMPS.

The ISOLATOR
UNI-FLANGE BALL VALVE



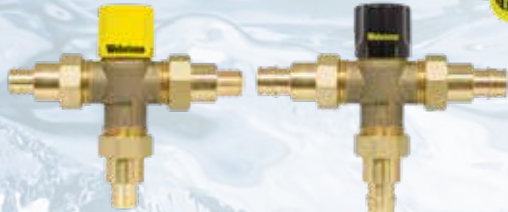
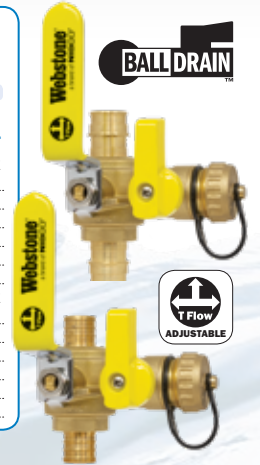
PRO-PAL BALL DRAIN

Full Port Forged DZR Brass Ball Valve w/ Hi-Flow Hose Drain, Reversible Handle & Adjustable Packing Glands

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
ASTM F1960 PEX 400 PSI CWP Max/200°F Max			
1/2"	H-30612W	4/40	35
3/4"	H-30613W	4/32	37
1"	H-30614W	2/20	32
1 1/4"	H-30615W	2/16	40
1 1/2"	H-30616W	1/8	28
2"	H-30617W	1/6	33
ASTM F1807 PEX 400 PSI CWP Max/200°F Max			
1/2"	H-10612W	4/40	34
3/4"	H-10613W	4/32	35
1"	H-10614W	2/20	31
1 1/4"	H-10615W	2/16	37
1 1/2"	H-10616W	1/8	26
2"	H-10617W	1/6	30



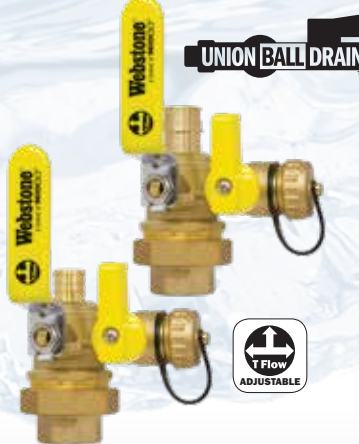
THERMOSTATIC MIXING VALVE W/ INTEGRAL CHECK VALVES

Forged Brass Valve w/ DZR Brass Fittings, Temperature Locking Handle* & G1 Union Connections

See page 4 for application & certification information

SIZE	ITEM#	CTN/CASE	CASE WT
OUTLET TEMPERATURE RANGE 95°- 120°F			
ASTM F1960 PEX 150 PSI/185°F Max			
1/2"	H-73202W-CE-CAN	1/10	18
3/4"	H-73203W-CE-CAN	1/10	18
ASTM F1807 PEX 150 PSI/185°F Max			
1/2"	H-71202W-CAN	1/10	18
3/4"	H-71203W-CAN	1/10	18
OUTLET TEMPERATURE RANGE 95°- 131°F			
ASTM F1960 PEX 150 PSI/185°F Max			
1/2"	H-73202W-CE	1/10	18
3/4"	H-73203W-CE	1/10	18
ASTM F1807 PEX 150 PSI/185°F Max			
1/2"	H-71202W	1/10	18
3/4"	H-71203W	1/10	18
OUTLET TEMPERATURE RANGE 104°- 176°F			
ASTM F1960 PEX 150 PSI/203°F Max			
1/2"	H-73272W	1/10	18
3/4"	H-73273W	1/10	18
ASTM F1807 PEX 150 PSI/203°F Max			
1/2"	H-71272W	1/10	18
3/4"	H-71273W	1/10	18

*TEMPERATURE LOCKING HANDLE NOT AVAILABLE ON -CAN ITEMS



PRO-PAL UNION BALL DRAIN

Full Port Forged DZR Brass Ball Valve w/ Single Union End, Hi-Flow Hose Drain, Reversible Handle & Adjustable Packing Glands

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × ASTM F1960 PEX 250 PSI CWP Max/200°F Max			
1/2"	H-30432W	4/16	22
3/4"	H-30433W	4/16	27
1"	H-30434W	2/16	36
1 1/4"	H-30435W	2/8	27
1 1/2"	H-30436W	1/8	39
2"	H-30437W	1/4	29
FIP Union × ASTM F1807 PEX 250 PSI CWP Max/200°F Max			
1/2"	H-10432W	4/16	22
3/4"	H-10433W	4/16	27
1"	H-10434W	2/16	35
1 1/4"	H-10435W	2/8	26
1 1/2"	H-10436W	1/8	38
2"	H-10437W	1/4	28

PRO-PAL UNION BALL

Full Port Forged DZR Brass Ball Valve w/ Single Union End & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × ASTM F1960 PEX 250 PSI CWP Max/200°F Max			
1/2"	H-30422W	5/40	33
3/4"	H-30423W	4/32	40
1"	H-30424W	4/20	36
FIP Union × ASTM F1807 PEX 250 PSI CWP Max/200°F Max			
1/2"	H-10422W	5/40	33
3/4"	H-10423W	4/32	40
1"	H-10424W	4/20	36



FULL FLOW FORGED NICKEL-PLATED BRASS SILCOCK

1/4 Turn Action w/ Stainless Steel Lever Handle

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
ASTM F1960 PEX Flange × MIP Hose 125 PSI CWP MAX			
1/2"	H-33202WSSL	12/72	58

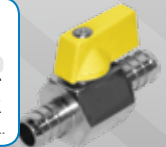


CHROME-PLATED EXTRUDED BRASS MINI BALL VALVE

Hex Body

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
ASTM F1807 PEX 110 PSI CWP Max NON-SHOCK			
1/2"	H-40782	30/300	61



F1960 & F1807 PEX PRODUCTS

E-X-P E2 TANKLESS WATER HEATER SERVICE VALVE KIT

Hot & Cold Set of Full Port Forged DZR Brass Ball Valves w/ Hi-Flow Hose Drains & Adjustable Packing Glands
See page 10 for application information

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union * ASTM F1960 PEX 400 PSI CWP Max/200°F Max			
3/4"	H-34063W	1/10	34
FIP Union * ASTM F1807 PEX 400 PSI CWP Max/200°F Max			
3/4"	H-14063W	1/10	33
W/ PRESSURE RELIEF VALVE OUTLET			
FIP Union * ASTM F1960 PEX 400 PSI CWP Max			
3/4"	H-34443W	1/10	34
FIP Union * ASTM F1807 PEX 400 PSI CWP Max			
3/4"	H-14443W	1/10	33
INCLUDES RESIDENTIAL PRESSURE RELIEF VALVE (150 PSI/500,000 BTU/HR)			
FIP Union * ASTM F1960 PEX 400 PSI CWP Max			
3/4"	H-34443WPR	1/10	38
FIP Union * ASTM F1807 PEX 400 PSI CWP Max			
3/4"	H-14443WPR	1/10	38

TWH SERVICE VALVES
E-X-P E2
SPACE SAVING



TWH SERVICE VALVES
E-X-P
UNION BALL



E-X-P UNION BALL TANKLESS WATER HEATER SERVICE VALVE KIT

Hot & Cold Set of Full Port Forged DZR Brass Ball Valves w/ Union Ends & Adjustable Packing Glands
See page 10 for application information

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union * ASTM F1960 PEX 250 PSI CWP Max/200°F Max			
3/4"	H-30423W-RB	1/12	30
FIP Union * ASTM F1807 PEX 250 PSI CWP Max/200°F Max			
3/4"	H-10423W-RB	1/12	30

PEX TRANSITION VALVES & FITTINGS

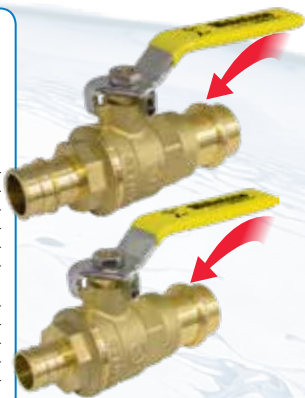
FULL PORT FORGED DZR BRASS BALL VALVE

w/ Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
Press * ASTM F1960 PEX 250 PSI CWP Max PSI/250°F Max			
1/2"	H-80332W	5/50	26
3/4"	H-80333W	5/40	21
1"	H-80334W	4/20	11
1 1/4"	H-80335W	5/20	46
1 1/2"	H-80336W	4/16	44
2"	H-80337W	2/8	40
Press * ASTM F1807 PEX 250 PSI CWP Max PSI/250°F Max			
1/2"	H-80132W	5/50	26
3/4"	H-80133W	5/40	21
1"	H-80134W	4/20	11
1 1/4"	H-80135W	5/20	44
1 1/2"	H-80136W	4/16	42
2"	H-80137W	2/8	36



PRO-CONNECT PRESS

Compatible with popular press tools

FORGED DZR BRASS TRANSITION FITTING

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14 IGC 319, PS117

SIZE	ITEM#	CTN/CASE	CASE WT
Press * ASTM F1960 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-36802W	30/120	10
3/4"	H-36803W	30/120	17
1"	H-36804W	30/120	27
1 1/4"	H-36805W	20/80	29
1 1/2"	H-36806W	20/80	46
2"	H-36807W	9/27	29
Press * ASTM F1807 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-16802W	30/120	8
3/4"	H-16803W	30/120	14
1"	H-16804W	30/120	20
1 1/4"	H-16805W	20/80	21
1 1/2"	H-16806W	20/80	67
2"	H-16807W	9/27	46



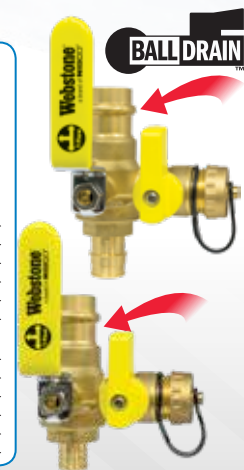
PRO-PAL BALL DRAIN

Full Port Forged DZR Brass Ball Valve w/ Hi-Flow Hose Drain, Reversible Handle & Adjustable Packing Glands

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
Press * ASTM F1960 PEX 250 PSI CWP Max PSI/250°F Max			
1/2"	H-83612W	4/40	38
3/4"	H-83613W	4/32	30
1"	H-83614W	2/20	19
1 1/4"	H-83615W	2/16	43
1 1/2"	H-83616W	1/8	30
2"	H-83617W	1/6	37
Press * ASTM F1807 PEX 250 PSI CWP Max PSI/250°F Max			
1/2"	H-81612W	4/40	38
3/4"	H-81613W	4/32	30
1"	H-81614W	2/20	19
1 1/4"	H-81615W	2/16	42
1 1/2"	H-81616W	1/8	29
2"	H-81617W	1/6	34

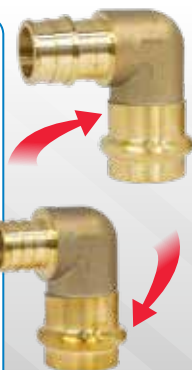


FORGED DZR BRASS 90° TRANSITION ELBOW

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14 IGC 319, PS117

SIZE	ITEM#	CTN/CASE	CASE WT
Press * ASTM F1960 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-36842W	32/128	21
3/4"	H-36843W	32/128	35
1"	H-36844W	32/128	63
1 1/4"	H-36845W	18/54	40
1 1/2"	H-36846W	18/54	50
2"	H-36847W	8/16	28
Press * ASTM F1807 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-16842W	32/128	14
3/4"	H-16843W	32/128	25
1"	H-16844W	32/128	45
1 1/4"	H-16845W	18/54	36
1 1/2"	H-16846W	18/54	49
2"	H-16847W	8/16	27



FULL FLOW FORGED DZR BRASS BALL VALVE

w/ Stainless Steel Wing Style "T" Handle & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
ASTM F1960 PEX * FIP 400 PSI CWP Max/250°F Max			
1/2"	H-34702WSSW	10/80	29
3/4"	H-34703WSSW	10/60	32
1"	H-34704WSSW	6/36	32
ASTM F1807 PEX * FIP 400 PSI CWP Max/250°F Max			
1/2"	H-14702WSSW	10/80	26
3/4"	H-14703WSSW	10/60	29
1"	H-14704WSSW	6/36	29



FULL FLOW FORGED BRASS BALL VALVE

w/ Wing Handle

SIZE	ITEM#	STANDARD BRASS CTN/CASE	CASE WT
ASTM F1807 PEX * SWT 160 PSI CWP MAX			
1/2"	H-50682	10/100	25



PRO-CONNECT™ PP-R PRO™

INNOVATIVE VALVES FOR AQUATHERM® PP-R PIPE

PATENTED TECHNOLOGY WITH FURTHER PATENTS PENDING

- Permanent leak-free heat fused connections made in seconds
- Compatible with all Aquatherm PP-R piping systems
- Safe, clean, long-lasting, high performance materials
- Suitable for potable applications
- Available in female metric socket nominal sizes 1/2" to 2"
- Saves labor, space & leak paths
- Available exclusively at Aquatherm dealers



BALL VALVE

Full Port Forged Brass Ball Valve w/ Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	SOCKET I.D.	ITEM#	CTN/CASE	CASE WT
Female PP-R Metric Socket 355 PSI*				
1/2"	20 mm	H-91702W	5/50	30
3/4"	25 mm	H-91703W	5/40	35
1"	32 mm	H-91704W	4/20	33
1 1/4"	40 mm	H-91705W	5/20	49
1 1/2"	50 mm	H-91706W	4/16	57
2"	63 mm	H-91707W	2/8	39
Female PP-R Metric Socket × FIP 355 PSI*				
1/2"	20 mm	H-94702W	5/50	28
3/4"	25 mm	H-94703W	5/40	33
1"	32 mm	H-94704W	4/20	29
1 1/4"	40 mm	H-94705W	5/20	43
1 1/2"	50 mm	H-94706W	4/16	50
2"	63 mm	H-94707W	2/8	34



THE ISOLATOR W/ ROTATING FLANGE & MULTI-FUNCTION DRAIN

Full Port Forged Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Multi-Function Hi-Flow Hose Drain, Adjustable Packing Glands, Nuts & Bolts

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	SOCKET I.D.	HV ITEM#	CTN/CASE	CASE WT
Female PP-R Metric Socket × Rotating Flange 355 PSI*				
3/4"	25 mm	H-91413WHV	1/20	36
1"	32 mm	H-91414WHV	1/20	45
1 1/4"	40 mm	H-91415WHV	1/10	32
1 1/2"	50 mm	H-91416WHV	1/10	40
2"	63 mm	H-91417WHV	1/10	43

FITS STANDARD & HIGH VELOCITY PUMPS - 2" ISOLATORS HAVE 1 1/2" PORT

BALL DRAIN

Full Port Forged Brass Ball Valve w/ Hi-Flow Hose Drain, Reversible Handle & Adjustable Packing Glands

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	SOCKET I.D.	ITEM#	CTN/CASE	CASE WT
Female PP-R Metric Socket 355 PSI*				
3/4"	25 mm	H-90613W	4/32	39
1"	32 mm	H-90614W	2/20	40
1 1/4"	40 mm	H-90615W	2/16	47
1 1/2"	50 mm	H-90616W	1/8	33
2"	63 mm	H-90617W	1/6	35



STEM EXTENSION KIT

- Replaces existing handle
- Accommodates up to 2" of insulation
- Improves handle accessibility



STEM EXTENSION KIT

For Use with Series Valves

VALVE SIZE	ITEM#	CTN/CASE	CASE WT
FITS BALL VALVE (9170 & 9470 SERIES)			
1/2" & 3/4"	H-SE-91702	12/48	23
1"	H-SE-91704	10/40	27
1 1/4"	H-SE-91705	8/32	24
1 1/2"	H-SE-91706	6/24	28
2"	H-SE-91707	6/24	28
FITS ISOLATOR W/ ROTATING FLANGE AND BALL DRAIN (9061 SERIES)			
3/4"	H-SE-91702	12/48	23
1"	H-SE-91704	10/40	27
1 1/4"	H-SE-91705	8/32	24
1 1/2" & 2"	H-SE-91706	6/24	28
FITS ISOLATOR W/ ROTATING FLANGE & MULTI-FUNCTION DRAIN (9141 SERIES)			
3/4"	H-SE-91413	12/48	24
1"	H-SE-91414	10/40	27
1 1/4"	H-SE-91415	8/32	24
1 1/2" & 2"	H-SE-91416	8/24	29



THE ISOLATOR W/ ROTATING FLANGE

Full Port Forged Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Adjustable Packing Glands, Nuts & Bolts

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	SOCKET I.D.	HV ITEM#	CTN/CASE	CASE WT
Female PP-R Metric Socket × Rotating Flange 355 PSI*				
3/4"	25 mm	H-91403WHV	1/20	28
1"	32 mm	H-91404WHV	1/20	39
1 1/4"	40 mm	H-91405WHV	1/20	49
1 1/2"	50 mm	H-91406WHV	1/10	36
2"	63 mm	H-91407WHV	1/10	38

FITS STANDARD & HIGH VELOCITY PUMPS - 2" ISOLATORS HAVE 1 1/2" PORT

PRO-CONNECT™ PP-R PRO

INNOVATIVE VALVES FOR ANY PP-R PIPE

PATENTED TECHNOLOGY WITH FURTHER PATENTS PENDING

- Permanent leak-free heat fused connections made in seconds
- PP-RCT sockets compatible with all PP-R & PP-RCT piping systems†
- Safe, clean, long-lasting, high performance materials
- Suitable for potable applications
- Available in female metric socket nominal sizes 1/2" to 2"
- Saves labor, space & leak paths

The ISOLATOR
UNI-FLANGE BALL VALVE®



THE ISOLATOR W/ ROTATING FLANGE & MULTI-FUNCTION DRAIN

Full Port Forged Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Multi-Function Hi-Flow Hose Drain, Adjustable Packing Glands, Nuts & Bolts

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	SOCKET I.D.	HV ITEM#	CTN/CASE	CASE WT
Female PP-RCT Metric Socket × Rotating Flange 600 PSI*				
3/4"	25 mm	H-101413WHV	1/20	36
1"	32 mm	H-101414WHV	1/20	45
1 1/4"	40 mm	H-101415WHV	1/10	32
1 1/2"	50 mm	H-101416WHV	1/10	38
2"	63 mm	H-101417WHV	1/10	43

FITS STANDARD & HIGH VELOCITY PUMPS - 2" ISOLATORS HAVE 1 1/2" PORT

The ISOLATOR
UNI-FLANGE BALL VALVE®



THE ISOLATOR W/ ROTATING FLANGE

Full Port Forged Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Adjustable Packing Glands, Nuts & Bolts

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	SOCKET I.D.	HV ITEM#	CTN/CASE	CASE WT
Female PP-RCT Metric Socket × Rotating Flange 600 PSI*				
3/4"	25 mm	H-101403WHV	1/20	29
1"	32 mm	H-101404WHV	1/20	39
1 1/4"	40 mm	H-101405WHV	1/20	54
1 1/2"	50 mm	H-101406WHV	1/10	36
2"	63 mm	H-101407WHV	1/10	38

FITS STANDARD & HIGH VELOCITY PUMPS - 2" ISOLATORS HAVE 1 1/2" PORT

BALL VALVE

Full Port Forged Brass Ball Valve w/ Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	SOCKET I.D.	ITEM#	CTN/CASE	CASE WT
Female PP-RCT Metric Socket 600 PSI*				
1/2"	20 mm	H-101702W	5/50	31
3/4"	25 mm	H-101703W	5/40	36
1"	32 mm	H-101704W	4/20	33
1 1/4"	40 mm	H-101705W	5/20	49
1 1/2"	50 mm	H-101706W	4/16	57
2"	63 mm	H-101707W	2/8	40
Female PP-RCT Metric Socket × FIP 600 PSI*				
1/2"	20 mm	H-104702W	5/50	28
3/4"	25 mm	H-104703W	5/40	33
1"	32 mm	H-104704W	4/20	29
1 1/4"	40 mm	H-104705W	5/20	42
1 1/2"	50 mm	H-104706W	4/16	50
2"	63 mm	H-104707W	2/8	35



PRO-PAL
SERIES

BALL DRAIN™



BALL DRAIN

Full Port Forged Brass Ball Valve w/ Hi-Flow Hose Drain, Reversible Handle & Adjustable Packing Glands

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	SOCKET I.D.	ITEM#	CTN/CASE	CASE WT
Female PP-RCT Metric Socket 600 PSI*				
3/4"	25 mm	H-100613W	4/32	39
1"	32 mm	H-100614W	2/20	40
1 1/4"	40 mm	H-100615W	2/16	47
1 1/2"	50 mm	H-100616W	1/8	33
2"	63 mm	H-100617W	1/6	35

STEM EXTENSION KIT

- Replaces existing handle
- Accommodates up to 2" of insulation
- Improves handle accessibility



STEM EXTENSION KIT

For Use with Series Valves

VALVE SIZE	ITEM#	CTN/CASE	CASE WT
FITS BALL VALVE (10170 & 10470 SERIES)			
1/2" & 3/4"	H-SE-91702	12/48	23
1"	H-SE-91704	10/40	27
1 1/4"	H-SE-91705	8/32	24
1 1/2"	H-SE-91706	6/24	28
2"	H-SE-91707	6/24	28

FITS ISOLATOR W/ ROTATING FLANGE AND BALL DRAIN (10061 SERIES)

3/4"	H-SE-91702	12/48	23
1"	H-SE-91704	10/40	27
1 1/4"	H-SE-91705	8/32	24
1 1/2" & 2"	H-SE-91706	6/24	28

FITS ISOLATOR W/ ROTATING FLANGE & MULTI-FUNCTION DRAIN (10141 SERIES)

3/4"	H-SE-91413	12/48	24
1"	H-SE-91414	10/40	27
1 1/4"	H-SE-91415	8/32	24
1 1/2" & 2"	H-SE-91416	8/24	29

†In accordance with piping manufacturer's installation and warranty requirements. Valve seat/body maximum pressure rating at 100° F. Overall valve pressure rating is determined by intended operating conditions and limitations specific to the system design.

PRO-CONNECT PRO PUSH™

PRO PERFORMANCE PUSH CONVENIENCE

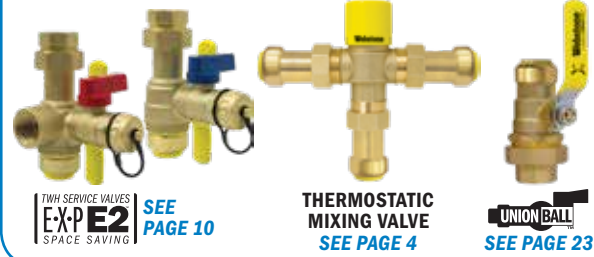


PRO-CONNECT PROPUSH BALL VALVE
Full Port Forged DZR Brass w/ Adjustable Packing Gland · For Connection to Copper, CPVC, or PEX

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372
NSF/ANSI 14 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push			200 PSI/200°F Max
1/2"	H-62702W	10/100	44
3/4"	H-62703W	10/100	63
1"	H-62704W	5/50	56

ALSO AVAILABLE W/PUSH CONNECTIONS



TW SERVICE VALVES
EX-PE2
SPACE SAVING
SEE PAGE 10

THERMOSTATIC MIXING VALVE
SEE PAGE 4

UNION BALL
SEE PAGE 23

PRO-CONNECT PROPUSH IN-LINE SPRING CHECK VALVE
Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372
ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push			200 PSI/200°F Max
1/2"	H-26992W-B	6/120	20
3/4"	H-26993W	12/120	39
1"	H-26994W-B	3/45	25



PRO-CONNECT PROPUSH CONTRACTOR PUSH FITTING KIT
27-Piece Assortment of Fittings & Tools · For Connection to Copper, CPVC, or PEX

LEAD-FREE BRASS
Certified to NSF/ANSI 61-G ASSE 1061
AMSE A112.18.6 CSA B125.6

SIZE	ITEM#	CTN/CASE	CASE WT
KIT	H-26000WKIT	1/4	30



FREE CUSTOMIZED LABELING
WHEN YOU ORDER 100 UNITS OR MORE



PRO-CONNECT PROPUSH 1/4 TURN SUPPLY STOP
Chrome Plated DZR Brass · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372
ASSE 1061 AMSE A112.18.6 CSA B125.6

SIZE	ITEM#	CTN/CASE	CASE WT
ANGLED			
Push × Compression			
1/2" × 1/4"	H-26820W	20/200	53
1/2" × 3/8"	H-26821W	20/200	53
STRAIGHT			
Push × Compression			
1/2" × 1/4"	H-26920W	20/200	49
1/2" × 3/8"	H-26921W	20/200	49

PRO-CONNECT PROPUSH WATER HEATER INSTALLATION KIT
Includes (2) Push × FIP Straight Connectors & Removal Tool · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372
ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push × FIP			200 PSI/200°F Max
1/2" × 3/4"	H-26223WKIT	5/50	29
3/4"	H-26203WKIT	5/50	29



PRO-CONNECT PROPUSH FLEXIBLE WATER HEATER CONNECTOR
Braided Stainless Steel · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
Certified to NSF/ANSI 61-G ASSE 1061
AMSE A112.18.6 CSA B125.6

SIZE	LENGTH	ITEM#	CTN/CASE	CASE WT
Push × FIP				
1/2" × 3/4"	12"	H-26023W-12-B	12/60	18
3/4"	12"	H-26033W-12	1/50	31
1/2" × 3/4"	15"	H-26023W-15-B	12/60	20
3/4"	15"	H-26033W-15	1/50	33
1/2" × 3/4"	18"	H-26023W-18	1/50	21
3/4"	18"	H-26033W-18	1/50	41
1/2" × 3/4"	24"	H-26023W-24-B	12/60	25
3/4"	24"	H-26033W-24	1/50	44
W/ FULL PORT FORGED DZR BRASS BALL VALVE				
1/2" × 3/4"	18"	H-62023W-18	1/25	19
3/4"	18"	H-62033W-18	1/25	31



PRO-CONNECT PROPUSH TAP-A-LINE KIT
Includes: Repair Tee, CTS, Straight Supply Stop & Removal Tool · For Connection to Copper, CPVC, or PEX

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & 372
ASSE 1061 AMSE A112.18.6 CSA B125.6

SIZE	ITEM#	CTN/CASE	CASE WT
Push			200 PSI/200°F Max
1/2" × 1/4"	H-26920WKIT-B	12/72	41
1/2" × 3/8"	H-26921WKIT-B	12/72	41
3/4" × 1/4"	H-26930WKIT-B	6/60	54

PRO-CONNECT PROPUSH REMOVAL TOOL

SIZE	ITEM#	CTN/CASE	CASE WT
1/4"	H-28110-B	24/1200	10
3/8"	H-28111-B	24/1200	9
1/2"	H-28112	1/300	3
3/4"	H-28113	1/300	5
1"	H-28114	1/250	6
1 1/4"	H-28115-B	1/50	1
1 1/2"	H-28116-B	1/50	1
2"	H-28117-B	1/50	1



1 1/4" - 2"

PRO-CONNECT PROPUSH ADAPTER SET

SIZE	ITEM#	CTN/CASE	CASE WT
1/2"	H-28212	1/300	1
3/4"	H-28213	1/300	1
1"	H-28214	1/250	4
1 1/4"	H-28215-B	1/100	5
1 1/2"	H-28216-B	1/100	8
2"	H-28217-B	1/100	13



1 1/4" - 2"

PRO-CONNECT PROPUSH DEBURR & GAUGE TOOL

SIZE	ITEM#	BAG/CASE	CASE WT
1/4" - 1"	H-28000-B	1/50	7



PRO-CONNECT PROPUSH STRAIGHT COUPLING

Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372
 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
STRAIGHT COUPLING			
Push 200 PSI/200°F Max			
1/4"	H-26100W-B	6/600	33
1/4" x 1/2"	H-26120W-B	6/150	15
3/8"	H-26101W	25/250	24
3/8" x 1/2"	H-26112W	25/250	29
1/2"	H-26102W	25/250	31
3/4"	H-26103W	10/100	21
3/4" x 1/2"	H-26132W	15/150	27
1"	H-26104W	9/90	29
1" x 3/4"	H-26143W	9/90	24
1 1/4"	H-26105W-B	1/30	26
1 1/4" x 1"	H-26154W-B	1/30	19
1 1/2"	H-26106W-B	1/27	39
1 1/2" x 1 1/4"	H-26165W-B	1/20	23
2"	H-26107W-B	1/20	38
2" x 1 1/2"	H-26176W-B	1/15	26

FEMALE STRAIGHT CONNECTOR

SIZE	ITEM#	CTN/CASE	CASE WT
Push x FIP 200 PSI/200°F Max			
1/4" x 1/2"	H-26220W-B	6/180	21
3/8" x 1/2"	H-26212W-B	6/180	20
1/2"	H-26202W	20/200	25
1/2" x 3/4"	H-26223W	20/200	33
3/4"	H-26203W	12/120	25
3/4" x 1/2"	H-26232W-B	6/180	24
3/4" x 1"	H-26234W-B	6/90	23
1"	H-26204W	9/90	25
1 1/4"	H-26205W-B	1/30	22
1 1/2"	H-26206W-B	1/25	27
2"	H-26207W-B	1/20	30

MALE STRAIGHT CONNECTOR

SIZE	ITEM#	CTN/CASE	CASE WT
Push x MIP 200 PSI/200°F Max			
1/4" x 1/2"	H-26320W-B	6/180	19
1/2"	H-26302W	20/200	23
1/2" x 3/4"	H-26323W	20/200	35
3/4"	H-26303W	15/150	28
3/4" x 1/2"	H-26332W-B	6/150	21
3/4" x 1"	H-26334W-B	6/90	25
1"	H-26304W	9/90	24
1" x 3/4"	H-26343W	9/90	22
1 1/4"	H-26305W-B	1/30	23
1 1/2"	H-26306W-B	1/25	25
2"	H-26307W-B	1/20	28

PRO-CONNECT PROPUSH 90 DEGREE ELBOW

Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372
 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push 200 PSI/200°F Max			
1/4"	H-26400W-B	6/360	26
3/8"	H-26401W-B	6/180	23
1/2"	H-26402W	20/200	31
1/2" x 3/8"	H-26421W-B	12/180	28
3/4"	H-26403W	12/120	33
3/4" x 1/2"	H-26432W	12/120	25
1"	H-26404W	10/100	48
1" x 3/4"	H-26443W-B	3/60	24
1 1/4"	H-26405W-B	1/20	23
1 1/2"	H-26406W-B	1/15	28
2"	H-26407W-B	1/8	22
Push x FIP 200 PSI/200°F Max			
1/2"	H-26422W	20/200	31
Push x MIP 200 PSI/200°F Max			
1/2"	H-26222W	20/200	31
3/4"	H-26233W-B	6/90	27

PRO-CONNECT PROPUSH 90 DEGREE DROP EAR ELBOW

Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372
 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push x FIP 200 PSI/200°F Max			
1/2"	H-26412W	9/90	21
3/4"	H-26413W-B	6/90	33
Push 200 PSI/200°F Max			
1/2"	H-26462W	9/90	21

PRO-CONNECT PROPUSH 90 DEGREE HY-EAR ELBOW

Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372
 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push x FIP 200 PSI/200°F Max			
1/2"	H-26412WHE-B	6/120	32

PRO-CONNECT PROPUSH TEE

Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372
 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push 200 PSI/200°F Max			
1/4"	H-26500W-B	6/300	22
3/8"	H-26501W-B	6/150	26
3/8" x 3/8" x 1/2"	H-26512W-B	6/120	22
1/2"	H-26502W	12/120	25
1/2" x 1/2" x 1/4"	H-26520W-B	6/120	22
1/2" x 1/2" x 3/8"	H-26521W-B	6/120	25
3/4"	H-26503W	12/120	43
3/4" x 1/2" x 1/2"	H-26522W	18/180	44
3/4" x 3/4" x 1/2"	H-26532W	15/150	48
3/4" x 1/2" x 3/4"	H-26533W	12/120	39
1"	H-26504W	6/60	38
1" x 1" x 3/4"	H-26543W	6/60	30
1 1/4"	H-26505W-B	1/15	24
1 1/2"	H-26506W-B	1/10	25
2"	H-26507W-B	1/6	22

PRO-CONNECT PROPUSH SLIP COUPLING

Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372
 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push 200 PSI/200°F Max			
1/2"	H-26122W	15/150	34
3/4"	H-26133W	5/50	19
1"	H-26144W	5/50	27

PRO-CONNECT PROPUSH END CAP

Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372
 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push 200 PSI/200°F Max			
3/8"	H-26601W-B	6/300	21
1/2"	H-26602W	30/300	22
3/4"	H-26603W	20/200	23
1"	H-26604W	12/120	24
1 1/4"	H-26605W-B	1/40	20
1 1/2"	H-26606W-B	1/35	28
2"	H-26607W-B	1/30	34

PRO-CONNECT PROPUSH POLYBUTYLENE ADAPTER

Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372
 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push x Push PB 200 PSI/200°F Max			
1/2"	H-26192W-B	6/120	17
3/4"	H-26193W-B	6/90	18

PRO-CONNECT PROPUSH REPAIR TEE

Forged DZR Brass Fitting · For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS
 Certified to NSF/ANSI 61 & 372
 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push 200 PSI/200°F Max			
1/2"	H-26702W	8/80	26
3/4"	H-26703W	6/60	32
Push x Push x FIP 200 PSI/200°F Max			
1/2"	H-26722W	8/80	27
3/4"	H-26733W	6/60	33
Push x Push x CTS Slip 200 PSI/200°F Max			
1/2"	H-26752W-B	6/60	19

EXCLUSIVE WEBSTONE PRODUCTS NOW WITH PRESS CONNECTIONS

- Saves time, space, & labor
- Items available in sizes 1/2" to 4"
- Compatible with popular press tools

UNDER BOILER SOLUTIONS



The ISOLATOR
UNI-FLANGE BALL VALVE®



BALL VALVES



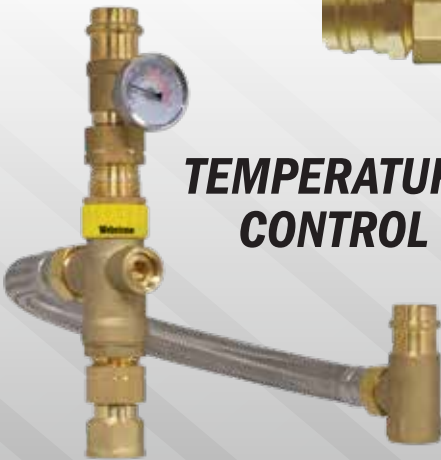
TWH SERVICE VALVES
E·X·P
SERIES



HYDRO-CORE



TEMPERATURE CONTROL



TRANSITION FITTINGS



PRO-PAL
SERIES



THE BROADEST SELECTION OF PRESS VALVES AND FITTINGS AVAILABLE ANYWHERE

BALL VALVES

PATENTS PENDING

FULL PORT FORGED BRASS BALL VALVE

w/ Adjustable Packing Gland

STANDARD BRASS

Certified to NSF/ANSI 61-8

LEAD-FREE BRASS

Certified to NSF/ANSI 61 NSF/ANSI 61-8

SIZE	ITEM#	CTN/CASE	CASE WT	ITEM#	CTN/CASE	CASE WT
FIP						
w/ Chrome-Plated Lever Handle 600 PSI CWP Max/150 WSP(400 PSI CWP Max/125 WSP 2½-4")						
1/4"	H-41700	10/100	27	H-41700W	10/100	27
3/8"	H-41701	10/100	29	H-41701W	10/100	29
1/2"	H-41702	10/80	32	H-41702W	10/80	31
3/4"	H-41703	10/60	35	H-41703W	10/60	35
1"	H-41704	6/36	39	H-41704W	6/36	38
1 1/4"	H-41705	6/24	35	H-41705W	6/24	35
1 1/2"	H-41706	2/16	36	H-41706W	2/16	36
2"	H-41707	2/12	38	H-41707W	2/12	38
2 1/2"	H-41708	1/6	43	H-41708W	1/6	45
3"	H-41709	1/4	37	H-41709W	1/4	36
4"	H-41710	1/2	31	H-41710W	1/2	30

w/ 304 Stainless Steel Handle

600 PSI CWP Max/150 WSP						
1/2"	H-41702SSL	10/80	31	H-41702WSSL	10/80	31
3/4"	H-41703SSL	10/60	35	H-41703WSSL	10/60	36
1"	H-41704SSL	6/36	39	H-41704WSSL	6/36	39
1 1/4"	H-41705SSL	6/24	34	H-41705WSSL	6/24	34
1 1/2"	H-41706SSL	2/16	40	H-41706WSSL	2/16	36
2"	H-41707SSL	2/12	38	H-41707WSSL	2/12	38

w/ Wing Style "T" Handle

600 PSI CWP Max/150 WSP						
1/2"	H-41702T	10/80	33	H-41702WT	10/80	33
3/4"	H-41703T	10/60	35	H-41703WT	10/60	38
1"	H-41704T	6/36	44	H-41704WT	6/36	40

w/ 304 Stainless Steel Wing Style "T" Handle

600 PSI CWP Max/150 WSP						
1/2"	H-41702SSW	10/80	39	H-41702WSSW	10/80	39
3/4"	H-41703SSW	10/60	36	H-41703WSSW	10/60	36
1"	H-41704SSW	6/48	55	H-41704WSSW	6/48	52

STANDARD BRASS

Certified to NSF/ANSI 61-8

LEAD-FREE BRASS

Certified to NSF/ANSI 61 NSF/ANSI 61-8

SIZE	ITEM#	CTN/CASE	CASE WT	ITEM#	CTN/CASE	CASE WT
SWT						
w/ Chrome-Plated Lever Handle 600 PSI CWP Max/150 WSP(400 PSI CWP Max/125 WSP 2½-4")						
1/2"	H-51702	10/80	27	H-51702W	10/80	26
3/4"	H-51703	10/60	33	H-51703W	10/60	33
1"	H-51704	6/36	35	H-51704W	6/36	35
1 1/4"	H-51705	6/24	33	H-51705W	6/24	32
1 1/2"	H-51706	2/16	36	H-51706W	2/16	41
2"	H-51707	2/12	38	H-51707W	2/12	38
2 1/2"	H-51708	1/8	54	H-51708W	1/6	39
3"	H-51709	1/3	26	H-51709W	1/4	34
4"	H-51710	1/2	36	H-51710W	1/2	42

w/ 304 Stainless Steel Handle

600 PSI CWP Max/150 WSP						
1/2"	H-51702SSL	10/80	26	H-51702WSSL	10/80	26
3/4"	H-51703SSL	10/60	33	H-51703WSSL	10/60	33
1"	H-51704SSL	6/36	34	H-51704WSSL	6/36	34
1 1/4"	H-51705SSL	6/24	31	H-51705WSSL	6/24	32
1 1/2"	H-51706SSL	2/24	53	H-51706WSSL	2/16	36
2"	H-51707SSL	2/12	38	H-51707WSSL	2/12	38

w/ Wing Style "T" Handle

600 PSI CWP Max/150 WSP						
1/2"	H-51702T	10/80	29	H-51702WT	10/80	27
3/4"	H-51703T	10/60	36	H-51703WT	10/60	34
1"	H-51704T	6/36	37	H-51704WT	6/36	35

w/ 304 Stainless Steel Wing Style "T" Handle

600 PSI CWP Max/150 WSP						
1/2"	H-51702SSW	10/80	42	H-51702WSSW	10/80	42
3/4"	H-51703SSW	10/60	43	H-51703WSSW	10/60	47
1"	H-51704SSW	6/36	42	H-51704WSSW	6/36	47

CERTIFICATIONS DO NOT APPLY TO 51708, 51708W, 51709, 51709W



AVAILABLE W/

PRO-CONNECT
PP-R
EXCLUSIVELY FOR

aquatherm
SEE PAGE 32



AVAILABLE W/

PRO-CONNECT
PP-R
FOR ANY
PP-R OR PP-RCT
PIPING SYSTEM

SEE PAGE 33



PRO-CONNECT PRO-PUSH BALL VALVE

Full Port Forged DZR Brass w/ Adjustable Packing Gland - For Connection to Copper, CPVC, or PEX

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14 ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push			
200 PSI/200°F Max			
1/2"	H-62702W	10/100	44
3/4"	H-62703W	10/100	63
1"	H-62704W	5/50	56



FULL FLOW FORGED DZR BRASS BALL VALVE

w/ Stainless Steel Wing Style "T" Handle & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 NSF/ANSI 14

SIZE	ITEM#	CTN/CASE	CASE WT
ASTM F1960 PEX			
400 PSI CWP Max/250°F Max			
1/2"	H-31702WSSW	10/80	27
3/4"	H-31703WSSW	10/60	30
1"	H-31704WSSW	6/36	33
1 1/4"	H-31705WSSW	5/25	33
1 1/2"	H-31706WSSW	5/25	49
2"	H-31707WSSW	2/12	38
ASTM F1807 PEX			
400 PSI CWP Max/250°F Max			
1/2"	H-11702WSSW	10/80	23
3/4"	H-11703WSSW	10/60	26
1"	H-11704WSSW	6/36	26



XLC CONNECTION
ON SIZES 2½- 4"

PRO-CONNECT PRESS FULL PORT FORGED BRASS BALL VALVE

w/ Adjustable Packing Gland

STANDARD BRASS

Certified to NSF/ANSI 61

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT	ITEM#	CTN/CASE	CASE WT
Press						
250 PSI CWP MAX/250°F MAX						
1/2"	H-81702	5/50	27	H-81702W	5/50	26
3/4"	H-81703	5/40	33	H-81703W	5/40	32
1"	H-81704	4/20	27	H-81704W	4/20	24
1 1/4"	H-81705	5/20	39	H-81705W	5/20	38
1 1/2"	H-81706	4/16	41	H-81706W	4/16	43
2"	H-81707	2/8	33	H-81707W	2/8	33
2 1/2"	-	-	-	H-81708W	1/1	9
3"	-	-	-	H-81709W	1/1	12
4"	-	-	-	H-81710W	1/1	21

SEE PAGE 31 FOR A FULL SELECTION OF PEX TRANSITION BALL VALVES



BALL VALVES

FULL PORT NICKEL PLATED FORGED BRASS BALL VALVE

w/ 304 Stainless Steel Lever Handle & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61-G

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		600 PSI CWP MAX/150 WSP	
1/4"	H-40800W	20/120	43
3/8"	H-40801W	20/120	37
1/2"	H-40802W	20/120	54
3/4"	H-40803W	14/84	56
1"	H-40804W	8/48	53
1 1/4"	H-40805W	6/36	57
1 1/2"	H-40806W	4/24	59
2"	H-40807W	2/16	56



FULL PORT FORGED BRASS BALL VALVE

3 Way L-Port w/ Reversible Handle & Adjustable Packing Gland

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		600 PSI CWP MAX/150 WSP	
1/2"	H-40642	15/60	34
3/4"	H-40643	10/40	34
1"	H-40644	6/24	35

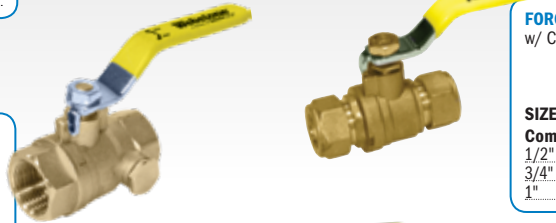
FORGED BRASS BALL VALVE

w/ Compression Ends & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61-G

SIZE	ITEM#	CTN/CASE	CASE WT
Compression		600 PSI CWP MAX/150 WSP	
1/2"	H-40632W	25/100	56
3/4"	H-40633W	15/60	51
1"	H-40634W	10/40	52



FULL PORT FORGED BRASS BALL VALVE

w/ 1/4" Threaded Gauge Hole (Plugged), Reversible Handle & Adjustable Packing Gland

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		600 PSI CWP MAX/150 WSP	
1/2"	H-41722	10/80	43
3/4"	H-41723	10/60	43
1"	H-41724	6/48	56
1 1/4"	H-41725	4/32	56
1 1/2"	H-41726	2/24	64
2"	H-41727	2/16	61

STANDARD PORT FORGED BRASS BALL VALVE

w/ Adjustable Packing Gland

STANDARD BRASS

LEAD-FREE BRASS

Certified to NSF/ANSI 61-G

SIZE	ITEM#	CTN/CASE	CASE WT	ITEM#	CTN/CASE	CASE WT
FIP					600 PSI CWP MAX/125 WSP	
1/4"	H-41820	10/120	38	H-41820W	10/120	38
3/8"	H-41821	10/120	36	H-41821W	10/120	36
1/2"	H-41822	10/120	45	H-41822W	10/120	45
3/4"	H-41823	10/80	39	H-41823W	10/80	39
1"	H-41824	6/48	44	H-41824W	6/48	44
1 1/4"	H-41825	4/32	40	H-41825W	4/32	38
1 1/2"	H-41826	2/24	43	H-41826W	2/24	43
2"	H-41827	2/16	40	H-41827W	2/16	40
2 1/2"	H-41828	2/4	23	H-41828W	2/4	23
3"	H-41829	1/3	26	H-41829W	1/3	25
4"	H-41830	1/2	27	H-41830W	1/2	27



FORGED BRASS BALL VALVE

w/ Bleeder, Reversible Handle & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61-G

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		600 PSI CWP MAX/150 WSP	
1/2"	H-40622W	15/120	60
3/4"	H-40623W	12/48	36
1"	H-40624W	8/32	38
SWT		600 PSI CWP Max/150 WSP	
1/2"	H-50622W	25/100	49
3/4"	H-50623W	10/40	31
1"	H-50624W	6/24	29

MINI BALL VALVES

CHROME-PLATED EXTRUDED BRASS MINI BALL VALVE

Hex Body

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
ASTM F1807 PEX		110 PSI CWP Max NON-SHOCK	
1/2"	H-40782	30/300	61

FULL PORT FORGED BRASS BALL VALVE

Pet Cock Style

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP x MIP		600 PSI CWP MAX/125 WSP	
1/8"	H-41685	10/100	19
1/4" x 1/8"	H-41686	10/100	10
1/4"	H-41687	10/100	18
FIP		600 PSI CWP Max/125 WSP	
1/8"	H-41698	10/100	18
1/4"	H-41699	10/100	17

FULL PORT FORGED BRASS BALL VALVE

w/ Reversible Handle & Adjustable Packing Gland

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
MIP x FIP		600 PSI CWP Max/150 WSP	
1/4"	H-40530W	12/96	35
3/8"	H-40531W	12/96	33
1/2"	H-40532W	12/96	45
3/4"	H-40533W	10/60	44
1"	H-40534W	6/48	55

FULL PORT FORGED BRASS BALL VALVE

w/ Cap & Strap, Reversible Handle & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61-G

SIZE	ITEM#	CTN/CASE	CASE WT
FIP x Hose		600 PSI CWP MAX/150 WSP	
1/2" x 3/4"	H-40312W	10/60	30
3/4"	H-40313W	10/60	42
SWT x Hose		600 PSI CWP Max/150 WSP	
1/2" x 3/4"	H-50312W	10/100	49
3/4"	H-50313W	10/60	42

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
Press x Hose		250 PSI CWP Max/250°F Max	
1/2" x 3/4"	H-80312W	5/50	29
3/4"	H-80313W	5/40	33

GAS BALL VALVES

FORGED BRASS GAS BALL VALVE

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP			UP TO 5 PSI
3/8"	H-22561	12/144	33
1/2"	H-22562	12/144	49
3/4"	H-22563	12/144	64
1"	H-22564	6/72	58

STAINLESS STEEL BALL VALVES



FULL PORT 316 STAINLESS STEEL BALL VALVE

2-Piece Investment Cast w/ 304 Stainless Steel Locking Handle & Adjustable Packing Gland

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		1000 PSI CWP MAX/150 WSP	
1/4"	H-43720	2/80	43
3/8"	H-43721	2/80	39
1/2"	H-43722	2/60	45
3/4"	H-43723	2/40	45
1"	H-43724	2/40	68
1 1/4"	H-43725	2/30	80
1 1/2"	H-43726	2/16	64
2"	H-43727	2/10	52

W/ 304 STAINLESS STEEL OVAL HANDLE

SIZE	ITEM#	CTN/CASE	CASE WT
1/2"	H-43722-OH	1/40	35
3/4"	H-43723-OH	1/30	37
1"	H-43724-OH	1/20	37

STANDARD PORT 316 STAINLESS STEEL BALL VALVE

1-Piece Investment Cast w/ 304 Stainless Steel Locking Handle & Adjustable Packing Gland

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		1000 PSI CWP MAX/150 WSP	
1/4"	H-43900	4/200	31
3/8"	H-43901	4/200	45
1/2"	H-43902	2/100	38
3/4"	H-43903	2/80	47
1"	H-43904	2/50	47
1 1/4"	H-43905	2/40	50
1 1/2"	H-43906	2/30	59
2"	H-43907	2/30	87

GATE VALVES

FORGED BRASS GATE VALVE

Hard Seat

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		200 PSI CWP Max/125 WSP	
2"	H-10137	2/20	58
2 1/2"	H-10138	1/10	49
3"	H-10139	1/10	74
4"	H-10140	1/4	50

LEAD-FREE BRASS

Certified to NSF/ANSI 61-G

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		200 PSI CWP Max/125 WSP	
1/2"	H-10132W	10/100	50
3/4"	H-10133W	10/100	71
1"	H-10134W	5/50	48
1 1/4"	H-10135W	5/30	52
1 1/2"	H-10136W	2/30	63
2"	H-10137W	2/20	58
2 1/2"	H-10138W	1/10	50
3"	H-10139W	1/10	73
4"	H-10140W	1/4	49



RADIATOR VALVES

BRASS STEAM RADIATOR GLOBE VALVE

Angled w/ Ground Joint Nut & Tailpiece

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		60 PSI/15 WSP	
3/4"	H-11533	6/48	55
1"	H-11534	4/36	54
1 1/4"	H-11535	2/24	50
1 1/2"	H-11536	2/16	49



BRASS HOT WATER RADIATOR GLOBE VALVE

Angled w/ Ground Joint Union Nut & Tailpiece

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		60 PSI	
3/4"	H-11553	6/60	51
1"	H-11554	4/36	49
1 1/4"	H-11555	2/24	51
1 1/2"	H-11556	2/16	40



BRASS UNION ELBOW & NUT FOR RADIATOR VALVE

Ground Joint Union Connection

SIZE	ITEM#	CTN/CASE	CASE WT
FIP x MIP		60 PSI/15 WSP	
3/4"	H-11533-E	10/100	58
1"	H-11534-E	7/70	65
1 1/4"	H-11535-E	5/50	71



BRASS UNION TAILPIECE & NUT FOR RADIATOR VALVE

Ground Joint Nut & Tailpiece

SIZE	ITEM#	CTN/CASE	CASE WT
FIP x MIP		60 PSI/15 WSP	
3/4"	H-11533-T	22/220	69
1"	H-11534-T	16/160	71
1 1/4"	H-11535-T	10/100	67



BOILER DRAINS

BRASS BOILER DRAIN

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
MIP x Hose		200 PSI	
1/2"	H-11702W	12/72	28
3/4"	H-11703W	12/72	31



BRASS BOILER DRAIN

w/ Stuffing Box

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
MIP x Hose		200 PSI	
1/2"	H-11704W	12/72	33
3/4"	H-11705W	12/72	33



BRASS WATER HEATER DRAIN VALVE

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
MIP x Hose		125 PSI	
3/4"	H-11710W	12/72	42

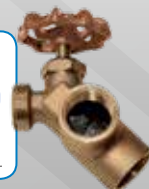


BRASS WATER HEATER DRAIN VALVE

w/ Recirculating Elbow (Tan Handle)

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP x FIP x Hose		125 PSI	
3/4"	H-11711W	12/72	47



CHECK VALVES

B62 BRONZE (85-5-5) SWING CHECK VALVE

Hard Seat



SIZE	ITEM#	CTN/CASE	CASE WT
FIP		300 PSI CWP MAX/150 WSP	
3/8"	H-10501	10/120	53
1/2"	H-10502	10/120	54
3/4"	H-10503	10/80	51
1"	H-10504	5/60	49
1 1/4"	H-10505	5/40	59
1 1/2"	H-10506	5/30	56
2"	H-10507	2/24	68
2 1/2"	H-10508	1/12	56
3"	H-10509	1/8	59
4"	H-10510	1/4	43

FORGED BRASS SWING CHECK VALVE

Hard Seat



LEAD-FREE BRASS

Certified to NSF/ANSI 61-G

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		200 PSI CWP MAX/125 WSP	
1/4"	H-10540W	12/120	27
3/8"	H-10541W	10/120	35
1/2"	H-10542W	10/120	49
3/4"	H-10543W	10/80	49
1"	H-10544W	5/60	51
1 1/4"	H-10545W	5/40	56
1 1/2"	H-10546W	5/30	60
2"	H-10547W	2/12	34
2 1/2"	H-10548W	2/8	38
3"	H-10549W	1/8	61
4"	H-10550W	1/4	47
SWT		200 PSI CWP Max/125 WSP	
1/2"	H-10622W	10/120	50
3/4"	H-10623W	10/80	51
1"	H-10624W	5/60	54
1 1/4"	H-10625W	5/40	59
1 1/2"	H-10626W	5/30	63
2"	H-10627W	2/10	31

FORGED BRASS SWING CHECK VALVE

Soft Seat



STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		200 PSI CWP MAX/125 WSP	
1/2"	H-10522	12/120	50
3/4"	H-10523	10/80	47
1"	H-10524	5/60	47
1 1/4"	H-10525	5/40	55
1 1/2"	H-10526	5/30	56
2"	H-10527	2/24	64

SILLCOCKS

FULL FLOW FORGED NICKEL-PLATED BRASS SILLCOCK

1/4 Turn Action w/ Stainless Steel Lever Handle



LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
ASTM F1960 PEX Flange x MIP Hose		125 PSI CWP MAX	
1/2"	H-33202WSSL	12/72	58

FORGED BRASS SILLCOCK

Nickel-Plated w/ 1/4 Turn Handle



LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Flange x Hose		125 PSI CWP MAX	
1/2"	H-30202W	12/72	43
3/4"	H-30203W	12/72	59

FORGED DZR BRASS IN-LINE SPRING CHECK VALVE

Stainless Steel Spring - Soft Seat (FKM)



LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		200 PSI CWP Max / 250°F Max	
3/8"	H-10741W	10/100	19
1/2"	H-10742W	10/100	30
3/4"	H-10743W	10/60	31
1"	H-10744W	10/40	29
1 1/4"	H-10745W	6/24	24
1 1/2"	H-10746W	6/24	29
2"	H-10747W	6/12	22
SWT		200 PSI CWP Max / 250°F Max	
3/8"	H-10751W	10/100	19
1/2"	H-10752W	10/100	30
3/4"	H-10753W	10/60	31
1"	H-10754W	10/40	29
1 1/4"	H-10755W	6/24	24
1 1/2"	H-10756W	6/24	29
2"	H-10757W	6/12	22



PRO-CONNECT PRO-PUSH IN-LINE SPRING CHECK VALVE

Forged DZR Brass Fitting

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372
ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push		200 PSI/200°F MAX	
1/2"	H-26992W-B	6/120	20
3/4"	H-26993W	12/120	39
1"	H-26994W-B	3/45	25

UNIONS

DIELECTRIC UNION

Galvanized Steel & Brass - w/ Nylon Insulator Ring



LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP x SWT			232°F Max
1/2"	H-01102W	24/144	46
3/4"	H-01103W	24/96	39
1"	H-01104W	12/96	53
1 1/4"	H-01105W	6/48	42
1 1/2"	H-01106W	6/36	50
2"	H-01107W	6/18	45
3/4" x 1/2"	H-01132W	24/96	37

HOSE BIBBS



FORGED BRASS HOSE BIBB

w/ Ball Valve Action

LEAD-FREE BRASS

Certified to NSF/ANSI 61-G

SIZE	ITEM#	CTN/CASE	CASE WT
MIP x Hose		125 PSI CWP MAX	
1/2"	H-30314W	12/72	35
3/4"	H-30316W	12/72	39

1/2" MIP OR SWT x HOSE

BRASS HOSE BIBB

No Kink w/ 1/4 Turn Handle

LEAD-FREE BRASS

Certified to NSF/ANSI 61-G

SIZE	ITEM#	CTN/CASE	CASE WT
MIP x Hose		125 PSI CWP MAX	
1/2"	H-30218W	12/72	23
3/4"	H-30219W	12/72	26

1/2" MIP OR SWT x HOSE



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TERMS OF SERVICE

TERMS OF PAYMENT

2% 10th of the following month. Cash discount is calculated on the total amount of the invoice before additions for freight. A 1 1/2% per month service charge will be added to any past due balances.

FREIGHT ALLOWANCE

Contact Customer Service at 800-225-9529 or webstone@nibco.com.

MINIMUM ORDER

No minimum order when placed via NIBCO Partner or EDI Transmission. Orders submitted through other mediums are subject to a \$50 minimum.

CLAIMS OF SHORTAGE OR VARIANCE

Claims of any character must be made within 10 days after receipt of goods. Settlements of any claims are at the discretion of Webstone, a brand of NIBCO.

RETURNS

Webstone, a brand of NIBCO, reserves the right to charge a 30% restocking fee on any returned merchandise. Overstock returns for products that have been discontinued, redesigned, or purchased prior to the previous 12 months will not be accepted. Product returns will not be granted in November or December of any year unless such return is being made as a warranty return or in the event that an incorrect product was shipped. Purchase order or invoice numbers are required for all returns.

An issued Return Goods Authorization form is required for all product returns. No product returns less than \$100 will be accepted.

ORDER CONFIRMATIONS

All orders are subject to acceptance by Webstone, a brand of NIBCO. Prices are subject to change without notice.

STANDARD PACKAGING

Typically, shipments are made in case and carton quantities. However, Webstone, a brand of NIBCO, will ship any quantities ordered.

UPC BARCODING

100% of products will be shipped with barcodes if customer specifies the need.

Third Party Approvals and Standards Organizations



CSA Group
www.csagroup.org

IAPMO R&T
www.iapmort.org



Unless otherwise designated, lead-free certification (NSF/ANSI 61 & NSF/ANSI 372) was performed by Truesdail Laboratories.
www.truesdail.com



Certified to the Uniform Plumbing Code

Note:

Third Party Approval Agencies often can approve products to a wide variety of standards; some of the standards may be under the responsibility of another agency. For example, IAPMO can issue approvals to NSF/ANSI 61 standard, as can Truesdail, CSA, etc.

Product identified as being constructed of Lead-Free Brass have a maximum weighted average lead content of 0.25% of the wetted surface of the product in accordance with the requirements of the Reduction of Lead in Drinking Water Act.

Product identified as being constructed of standard brass have a lead content in excess of the 0.25% limit and are not to be used in potable water systems.

Pressure Relief Valve capacity ratings listed are the ASME National Board value.

Definition of Terms

CWP: Cold Working Pressure: This designates the maximum non-shock operating pressure of the product. The "Cold" is defined as temperatures in the range from above freezing to 100°F. Above 100°F the maximum allowable pressure decreases as listed in the product specification sheet.

WSP: Working Steam Pressure: Indicates the maximum steam pressure of the product. This rating is independent from the CWP rating. The WSP rating is lower than the CWP rating.

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