

Webstone®

a brand of **NIBCO®**

PRODUCT CATALOG



**G-SERIES™
PRODUCTS**

MIXING VALVES

**WATER HEATER
SOLUTIONS**

**UNDER BOILER
SOLUTIONS**

**HYDRONIC
SPECIALTIES**

**AIR
ELIMINATION**

**EXPANSION
TANK
PRODUCTS**

**SYSTEM
PERFORMANCE**

**PUMP FLANGE
VALVES**

**STEP-SAVING
VALVES**

VALVE INNOVATION
INSTALLATION SOLUTIONS

TABLE OF CONTENTS

G-SERIES™ PRODUCTS	4
G-Series™ Bodies	5
G-Series™ Fittings & Accessories	7
MIXING VALVES	
Thermostatic Mixing Valves	8
Ultra-Compact Thermostatic Mixing Valve	10
Water Heater Tempering Valve	11
STORAGE TANK WATER HEATER SOLUTIONS	
Pro-Pal® Water Heater Supply Valve	12
Water Heater Service Valve Kits	14
Tempering Service Valve Kits	14
Unions & Dielectric Products	15
TANKLESS WATER HEATER SOLUTIONS	
E-X-P®	18
E2™	18
E3™	18
Ultra-Compact	19
Union Ball	19
E-X-P® Accessories	19
Complete TWH Installation Kits	20
GAS SEDIMENT TRAP	21
UNDER BOILER SOLUTIONS	
Hydro-Core® Manifold	23
Hydro-Core® Complete Near Boiler Piping Kits	24
Hydro-Core® Union Connections	25
E-X-P® Series Wall Hung & Combi Boiler Kits	25
HYDRONIC SPECIALTIES	
Hydraulic Separator	26
Differential Pressure By-Pass Valves	27
Pro-Pal® Purge Tee™	27
AIR ELIMINATION	
Air Separators	28
Automatic Air Vent	29
Pro-Pal® Boiler Vent Valve	30
HYDRONIC EXPANSION TANK PRODUCTS	
Pro-Pal® E-Tank Service Assembly	31
Pro-Pal® Expansion Tank Pro Service Valve™	31

SYSTEM PERFORMANCE

Magnetic Boiler Filters	34
Y-Strainers	36
Pro-Pal® Ball Drain Strainer™	37

PUMP FLANGE VALVES

The Isolator® Rotating Flange	38
The Isolator® Uni-Flange Ball Valve	39
The Isolator® Round Flange	40
The Isolator® Select	41
The Isolator® Double Flanged Check	41

PRO-PAL® STEP-SAVING VALVES

Ball Drain™	42
Union Ball Drain™	43
Union Ball™	44
T-Union Ball Drain™	44
T-Union Ball™	45
L-Union Ball™	45
3-Way Ball Valves	46
T-Valve™	47
Purge & Fill™	48
T-Drain™	48
Add-A-Gauge	48
Add-a-Drain™	49

OTHER VALVES AND FITTINGS

Hose Drain Valves	49
Check Valves	50
Transition Tees & Fittings	51
Pro-Connect ProPush™	54
Ball Valves	56
Transition Ball Valves	57
Specialty Valves	58

INDEX

Terms & Conditions Of Sale	59
Third Party Approvals & Standards	63
Definition Of Terms	63

WORK SMARTER



ONE SOLUTION FOR ANY INSTALLATION

PATENTED
TECHNOLOGY WITH
FURTHER PATENTS
PENDING

- Straight "G" threaded ends and EPDM union gaskets provide a reliable seal without tape or pipe dope, resulting in a more unified looking installation
- Stock a single body and get more from your inventory, with dozens of size and connection type options or accessories
- Eliminate additional adapters or connect different piping materials
- Non-piloting union design simplifies installation, and allows for easy removal and service

G-SERIES UNION FITTING

Choice of FIP, MIP, SWT, Press, Push, F1960 PEX, or F1807 PEX system connections in 1/2" - 2" piping sizes

EPDM UNION GASKET

Replaces the need for tape or pipe dope

STRAIGHT G-THREAD END

Available in 1", 1 1/2", & 2" sizes, match body with the accessory/fitting G-Union size

CREATE OVER 250 DIFFERENT COMBINATIONS FROM A SINGLE BODY

SAVE SPACE IN THE FIELD AND IN THE TRUCK

Connect different piping types and sizes, right at the valve, without the need for additional adapters. Webstone G-Series products offer significant flexibility from a limited amount of inventory.

- Create over 250 different combinations from a single G-Series valve body
- Save trips to the supply house and create niche configurations on the fly





G-SERIES BODIES

PRODUCT COMPATIBILITY

- To ensure compatibility, match the product's G-Thread size with the accessory's or fitting's G-Union size
- Select products also available with union fittings included



G-THREAD SIZE			1"	1 1/2"	1 1/2" x 1"	2"	2" x 1 1/2"
G-SERIES PRODUCT	MORE INFO	# G ENDS	BODY ONLY ITEM#				
BALL VALVE	57	2	H-G1704W	H-G1706W	H-G1706W-R	H-G1707W	H-G1707W-R
G-THREAD x PRESS BALL VALVE	57	1	H-G-81704W H-G-81704W-R12 H-G-81704W-R1	H-G-81706W H-G-81706W-R1	-	H-G-81707W H-G-81707W-R1	-
PRO-PAL® BALL DRAIN	43	2	H-G0614W	H-G0616W	H-G0616W-R	H-G0617W	H-G0617W-R
G-THREAD x PRESS PRO-PAL® BALL DRAIN	43	1	H-G-80614W H-G-80612W H-G-80613W	H-G-80616W H-G-80616W-R1	-	H-G-80617W	-
PRO-PAL® MULTI-PORT TEE	51	5	H-G664W	-	-	-	-
CHECK VALVE	50	2	H-108G4W	H-108G6W	-	-	-
PRO-PAL® ADD-A-DRAIN	49	1	H-G0304W	H-G0306W	-	-	-
PRO-PAL® T-VALVE	47	3	H-G7674W	H-G7674W	-	-	-
Y-STRAINER	36	2	H-G0564W	H-G0566W	-	-	-
PRO-PAL® BALL DRAIN STRAINER	37	2	H-G1564W	H-G1566W	-	-	-
MAGNETIC BOILER FILTER	35	2	H-70700	-	-	-	-
MAGNETIC BOILER FILTER XL	34	2	-	H-70706	-	-	-
HYDRAULIC SEPARATOR	26	4	-	H-7G406	-	-	-
VERTICAL AIR SEPARATOR	28	2	H-71000-V	-	-	-	-
DIFFERENTIAL PRESSURE BY-PASS VALVE	9 GPM MAX	27	2	H-70530	-	-	-
	18 GPM MAX	27	2	H-70540	-	-	-
ANGLED DIFFERENTIAL PRESSURE BY-PASS VALVE	9 GPM MAX	27	2	H-70530-A	-	-	-
	18 GPM MAX	27	2	H-70540-A	-	-	-
THERMOSTATIC MIXING VALVES	95°- 120°F	8	3	H-70000W-CAN	-	-	-
	95°- 131°F	8	3	H-70000W	-	-	-
	104°- 176°F	8	3	H-70070W	-	-	-
	104°- 176°F (230°F Max Input)	8	3	H-70060W	-	-	-
WATER HEATER SUPPLY VALVE	Dielectric 3/4" FIP Union	12	1	H-G1663W	-	-	-
	Brass 3/4" FIP Union	12	1	H-G2663W	-	-	-
WATER HEATER SUPPLY VALVE W/ EXPANSION TANK SERVICE	Dielectric 3/4" FIP Union	12	1	H-G1653W	-	-	-
	Brass 3/4" FIP Union	12	1	H-G2653W	-	-	-

Press End Sizes: *1/2", †3/4", ‡1 1/4", **1 1/2"

G-SERIES BALL VALVE

Full Flow Forged DZR Brass Ball Valve w/ Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread		200 PSI CWP Max/200°F Max	
1"	H-G1704W	1/16	19
1 1/2"	H-G1706W	1/8	23
1 1/2" x 1"	H-G1706W-R	1/12	15
2"	H-G1707W	1/6	26
2" x 1 1/2"	H-G1707W-R	1/6	18

G-SERIES BALL DRAIN

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

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread		200 PSI CWP Max/200°F Max	
1"	H-G0614W	1/16	26
1 1/2"	H-G0616W	1/6	22
1 1/2" x 1"	H-G0616W-R	1/12	21
2"	H-G0617W	1/4	21
2" x 1 1/2"	H-G0617W-R	1/6	21

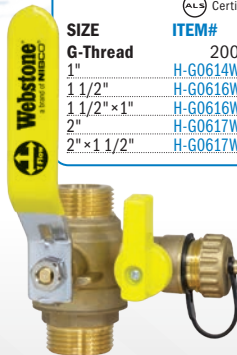
G-SERIES MULTI-PORT TEE

Forged DZR Brass Tee, w/ 3 Branch Connections

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread		250 PSI CWP/200°F Max	
1"	H-G664W	4/24	33



G-SERIES BALL VALVE

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

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread x Press		200 PSI CWP Max/200°F Max	
1"	H-G-81704W	1/16	28
1" x 1/2"	H-G-81704W-R12	1/16	18
1" x 3/4"	H-G-81704W-R	1/16	22
1 1/2"	H-G-81706W	1/8	29
1 1/2" x 1 1/4"	H-G-81706W-R	1/8	25
2"	H-G-81707W	1/4	23
2" x 1 1/2"	H-G-81707W-R	1/8	32

G-SERIES BALL DRAIN

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

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread x Press		200 PSI CWP Max/200°F Max	
1"	H-G-80614W	1/8	18
1" x 1/2"	H-G-80612W	1/16	24
1" x 3/4"	H-G-80613W	1/16	28
1 1/2"	H-G-80616W	1/4	19
1 1/2" x 1 1/4"	H-G-80616W-R	1/8	29
2"	H-G-80617W	1/4	27

G-SERIES IN-LINE SPRING CHECK VALVE

Forged DZR Brass Body w/ Serviceable Design, Stainless Steel Spring • Soft Seat

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread		200 PSI CWP Max/250°F Max	
1"	H-108G4W	1/24	22
1 1/2"	H-108G6W	1/12	20



G-SERIES BODIES

G-SERIES ADD-A-DRAIN

Hi-Flow Forged DZR Brass Ball Valve, w/ Cap & Strap & Adjustable Packing Gland

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread × Hose			250 PSI CWP Max/250°F Max
1" × 3/4"	H-G0304W	8/64	36
1 1/2" × 3/4"	H-G0306W	6/36	34



G-SERIES Y-STRAINER

Forged DZR Brass w/ 20 Mesh Stainless Steel Insert w/ 1/2" Plugged NPT Port

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread			200 PSI CWP Max/200°F Max
1"	H-G0564W	1/18	20
1 1/2"	H-G0566W	1/8	20



G-SERIES BALL DRAIN STRAINER

Full Port Forged DZR Brass Ball Valve w/ Hi-Flow Multi-Function Hose Drain, Integral Y-Strainer (20 Mesh), 1/2" Plugged NPT Port & Adjustable Packing Glands Requires (2) G-Union Fittings (Sold Separately)

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread			200 PSI CWP Max/200°F Max
1"	H-G1564W	1/12	28
1 1/2"	H-G1566W	1/4	20



G-SERIES T-VALVE

Full Port Forged DZR Brass Ball Valve w/ Integrated Tee Fitting, Adjustable Packing Gland, & Reversible Handle

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread Valve × Run			200 PSI CWP/200°F Max
1"	H-G7674W	1/12	22
1" × 1 1/2"	H-G7674W-T112	1/12	30
1 1/2"	H-G7676W	1/8	30



G-SERIES MAGNETIC BOILER FILTER

12,000 Gauss Magnet, Diverter, Integrated Hose Drain Valve, Air Vent & Filter & Service Tool

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread			175 PSI CWP Max/250°F Max
1"	H-70700	1/4	11



G-SERIES FORGED BRASS HYDRAULIC SEPARATOR

w/ Integral Magnet & Stainless Steel Mesh, Integrated Hose Drain Valve, Air Separator & Filter • Dual Scale Temperature & Pressure Gauge • Includes Mounting Hardware

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread			150 PSI CWP Max/200°F Max
1 1/2"	H-7G406	1/1	16



G-SERIES DIFFERENTIAL PRESSURE BY-PASS VALVE

Forged Brass Body • Opening Differential Pressure Setting Adjustable from 1.5 to 9 PSI or 18 psi

STANDARD BRASS

SIZE	MAX GPM	ITEM#	CTN/CASE	CASE WT
G-Thread				145 PSI CWP Max/230°F Max
1"	9	H-70530	1/36	25
1"	18	H-70540	1/36	31

ANGLED DESIGN

G-Thread				145 PSI CWP Max/230°F Max
1"	9	H-70530-A	1/36	22
1"	18	H-70540-A	1/36	27



G-SERIES MAGNETIC BOILER FILTER XL

12,000 Gauss Magnet, Integrated Hose Drain Valve, Air Vent & Filter & Service Tool

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread			145 PSI CWP Max/250°F Max
1 1/2"	H-70706	1/4	18



G-SERIES AIR SEPARATOR

Vertical Brass Body • w/ Removable Vent Head & Coalescing Medium

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread			150 PSI CWP Max/250°F Max
1"	H-71000-V	1/8	41



G-SERIES THERMOSTATIC MIXING VALVE

Forged Brass Valve

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, ASSE 1017, CSA B125.3

SIZE	ITEM#	CTN/CASE	CASE WT
OUTLET TEMP RANGE 95° - 120°F			
G-Thread			150 PSI CWP Max/185°F Max
1"	H-70000W-CAN	1/10	12
OUTLET TEMP RANGE 95° - 131°F			
G-Thread			150 PSI CWP Max/185°F Max
1"	H-70000W	1/10	12
OUTLET TEMP RANGE 104° - 176°F			
G-Thread			150 PSI CWP Max/203°F Max
1"	H-70070W	1/10	12
OUTLET TEMP RANGE 104° - 176°F MAX INPUT 230°F			
G-Thread			150 PSI CWP Max/230°F Max
1"	H-70060W	1/10	12



G-SERIES WATER HEATER SUPPLY VALVE

Full Port DZR Brass Ball Valve w/ Union End, 1/2" FIP Vacuum Relief Valve Port, (2) Plugged FIP Ports (1/2" & 1/8")

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × G-Thread			150 PSI CWP Max/180°F Max
3/4" × 1"	H-G2633W	1/16	30
W/ DIELECTRIC UNION END			
FIP Union × G-Thread			150 PSI CWP Max/180°F Max
3/4" × 1"	H-G1663W	1/16	27



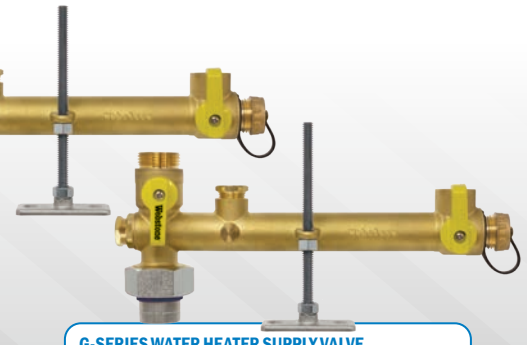
G-SERIES WATER HEATER SUPPLY VALVE W/ EXPANSION TANK SERVICE

Full Port DZR Brass Ball w/ Union End w/ 3/4" Expansion Tank Port & Hi-Flow Hose Drain, (3) Plugged FIP Ports (1/2", 1/2" & 1/8")

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × G-Thread			150 PSI CWP Max/180°F Max
3/4" × 1"	H-G2653W	1/8	26
W/ DIELECTRIC UNION END			
FIP Union × G-Thread			150 PSI CWP Max/180°F Max
3/4" × 1"	H-G1653W	1/8	27





G-SERIES FITTINGS & ACCESSORIES

- Multiple options to customize your installation and simplify future service
- Eliminate additional adapters or connect different piping materials
- Match the G-Thread size with the accessory/fitting G-Union size
- Non-piloting design for easy product body removal and service

G-UNION SIZE	SYSTEM PIPING	FIP	MIP	SWT	Press	Push	F1960 PEX	F1807 PEX
G-Series Union Fitting								
1"	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
1"	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"	1"	H-7-2104W WP	H-7-4104W WP	H-7-5104W WP	H-7-8104W WP	-	H-7-3104W WP	H-7-1104W WP
1 1/2"	1"	H-7-2164W WP	H-7-4164W WP	H-7-5164W WP	H-7-8164W WP	-	-	-
1 1/2"	1 1/4"	H-7-2165W WP	H-7-4165W WP	H-7-5165W WP	H-7-8165W WP	-	-	-
1 1/2"	1 1/2"	H-7-2166W WP	H-7-4166W WP	H-7-5166W WP	H-7-8166W WP	-	-	-
2"	2"	H-7-2177W WP	H-7-4177W WP	H-7-5177W WP	H-7-8177W WP	-	-	-



G-SERIES ADD-A-VALVE

Full Flow Forged DZR Brass Ball Valve w/ Reversible Handle & Adjustable Packing Gland • Installs Between G-Series Body & Union Fitting (Sold Separately)

LEAD-FREE BRASS

AL Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE
G-Union x G-Thread	200 PSI CWP / 200°F Max	
1"	H-7-G1704W	1/16
1 1/2"	H-7-G1706W	1/8
2"	H-7-G1707W	1/4



G-SERIES UNION COUPLING

Forged DZR Brass • Installs Between (2) G-Series Bodies (Sold Separately)

LEAD-FREE BRASS

AL Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE
G-Union	200 PSI CWP Max / 200°F Max	
1"	H-7-7104W	10/100
1 1/2"	H-7-7106W	4/40
1 1/2" x 1"	H-7-7106W-R1	6/60
2"	H-7-7107W	3/30
2" x 1 1/2"	H-7-7107W-R	3/30



G-SERIES PRESSURE GAUGE FITTING

Forged DZR Brass Union Fitting w/ Back Mounted Pressure Gauge • Installs Between G-Series Body & Union Fitting (Sold Separately)

LEAD-FREE BRASS

AL Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE
G-Union x G-Thread		
w/ 60 PSI Max Gauge	60 PSI CWP Max	
1"	H-7-G304W-60	1/18
1 1/2"	H-7-G306W-60	1/10
w/ 140 PSI Max Gauge	140 PSI CWP Max	
1"	H-7-G304W-140	1/18
1 1/2"	H-7-G306W-140	1/10



G-SERIES ISOLATOR

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

LEAD-FREE BRASS

AL Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	HV ITEM#	CTN/CASE
G-Union x 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

G-SERIES END CAP

Forged DZR Brass

LEAD-FREE BRASS

AL Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE
G-Thread	200 PSI CWP Max / 200°F Max	
1"	H-7-B604W	15/150
1 1/2"	H-7-B606W	10/100
2"	H-7-B607W	8/80



G-SERIES UNION ELBOW

Forged DZR Brass • Installs Between G-Series Body & Union Fitting (Sold Separately)

LEAD-FREE BRASS

AL Certified to NSF/ANSI/CAN 61 & 372

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



G-SERIES TEMPERATURE GAUGE FITTING

Forged DZR Brass Union Fitting • w/ Back Mounted Temperature Gauge (32°- 248°F) Dual Scale 1 1/2" Dial • Installs Between G-Series Body & Union Fitting (Sold Separately)

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE
G-Union x G-Thread	150 PSI CWP Max	
1"	H-32000W	10/100



MIXING VALVE FITTINGS & ACCESSORIES

- Fittings and accessories designed exclusively for use with G-Series Thermostatic Mixing Valves (TMV)
- Include in-line check valves for TMV hot and cold inlets
- TMVs may also utilize the G-series accessories shown above

G-UNION SIZE	SYSTEM PIPING	FIP	MIP	SWT	Press	Push	F1960 PEX	F1807 PEX
G-Series Union Fitting w/Check • For Mixing Valve Applications								
1"	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
1"	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"	1"	H-7-2204W WP	H-7-4204W WP	H-7-5204W WP	H-7-8204W WP	-	H-7-3204W WP	H-7-1204W WP

SET OF 2 IN-LINE CHECK INSERTS & RETAINING RINGS

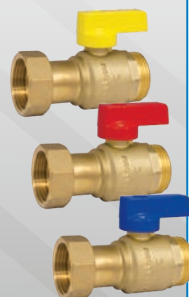
For Use With Webstone 1" G-Series Fittings
SIZE ITEM# CTN/CASE
150 PSI CWP Max

FOR MIXING VALVE APPLICATIONS • MAX INPUT 230°F

3/4" H-C7-203 10/100

FOR SOLAR MIXING VALVE APPLICATIONS • MAX INPUT 230°F

3/4" H-C7-303 10/100



G-SERIES ISOLATION BALL VALVE

w/ Reversible Handle & Adjustable Packing Gland • Installs Between G-Series Body & Union Fitting (Sold Separately)

LEAD-FREE BRASS

AL Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE
G-Union x G-Thread	150 PSI CWP Max	
YELLOW HANDLE		
1"	H-7-G134WY	10/60
RED HANDLE & INTEGRAL CHECK VALVE FOR MIXING VALVE APPLICATIONS		
1"	H-7-G234WR	10/60
BLUE HANDLE & INTEGRAL CHECK VALVE FOR MIXING VALVE APPLICATIONS		
1"	H-7-G234WB	10/60



G-SERIES ANGLED ISOLATION BALL VALVE

Forged DZR Brass Valve w/ Reversible Handle & Adjustable Packing Gland • Installs Between G-Series Body & Union Fitting (Sold Separately)

LEAD-FREE BRASS

AL Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE
G-Union x G-Thread	150 PSI CWP Max	
YELLOW HANDLE		
1"	H-7-G134WY-A	10/60
RED HANDLE & INTEGRAL CHECK VALVE FOR MIXING VALVE APPLICATIONS		
1"	H-7-G234WR-A	10/60
BLUE HANDLE & INTEGRAL CHECK VALVE FOR MIXING VALVE APPLICATIONS		
1"	H-7-G234WB-A	10/60

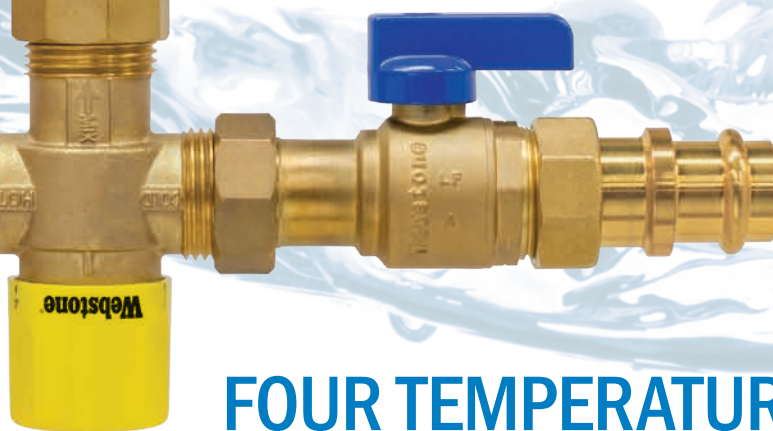
THERMOSTATIC MIXING VALVES

RIGHT TEMPERATURE RIGHT CONNECTION

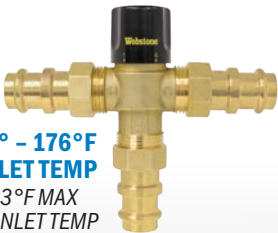
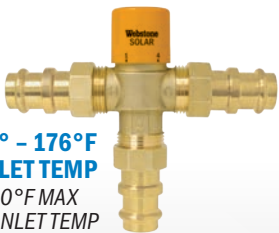


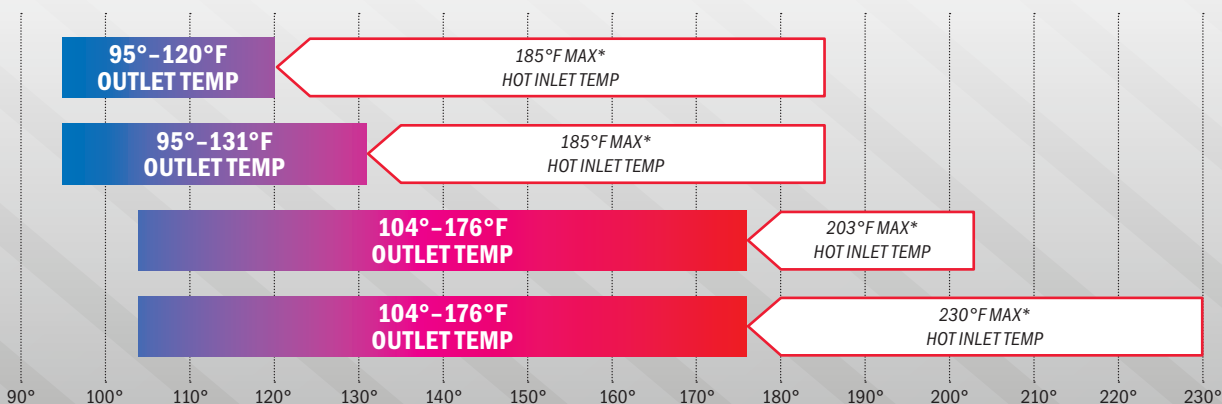
SEE PAGES 4-7

- Mixes hot and cold water to pre-set output temperature
- Heavy duty lead-free forged brass construction
- Four temperature range options provide versatility to accommodate different application and heat source requirements
- FIP, MIP, SWT, Push, Press, F1807 PEX, F1960 PEX connections
- Easy temperature locking handle (except -CAN models)
- Removable check valves integrated in inlet fittings



FOUR TEMPERATURE RANGES

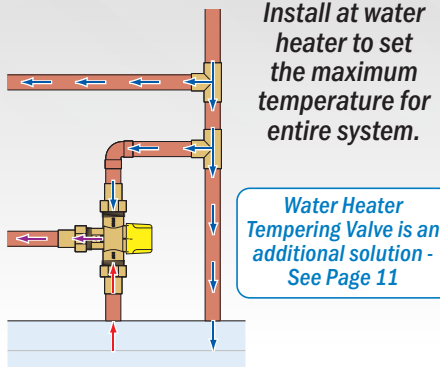
95° - 120°F OUTLET TEMP 185°F MAX HOT INLET TEMP BODY ONLY ITEM# H-70000W-CAN		95° - 131°F OUTLET TEMP 185°F MAX HOT INLET TEMP BODY ONLY ITEM# H-70000W		104° - 176°F OUTLET TEMP 203°F MAX HOT INLET TEMP BODY ONLY ITEM# H-70070W		104° - 176°F OUTLET TEMP 230°F MAX HOT INLET TEMP BODY ONLY ITEM# H-70070W	
---	---	---	---	--	--	--	---



THERMOSTATIC MIXING VALVES

APPLICATIONS

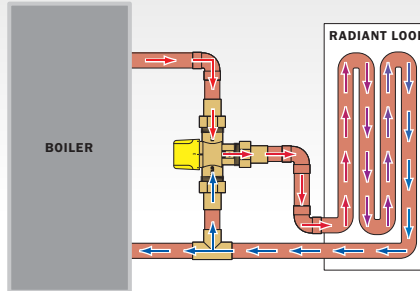
WATER DISTRIBUTION SYSTEMS



Water Heater Tempering Valve is an additional solution - See Page 11

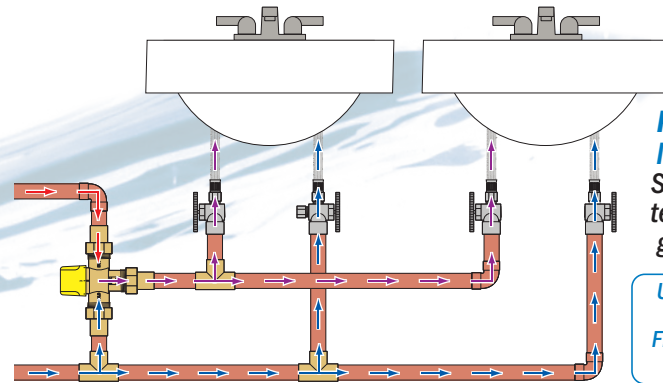
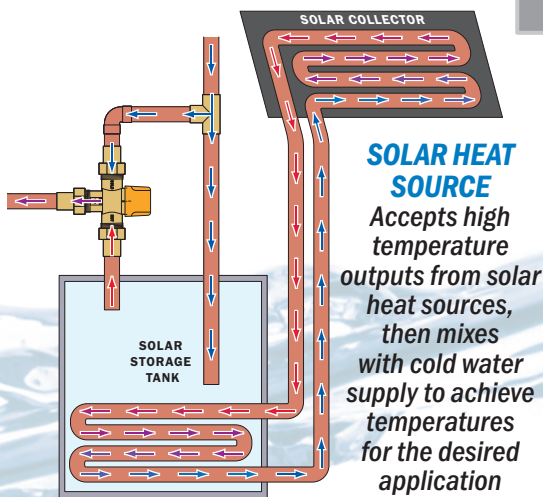
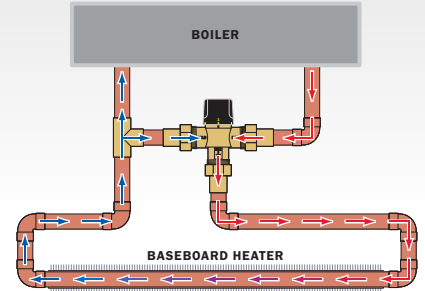
LOW TEMP HYDRONIC

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



Ultra-Compact TMV ideal for Single Fixture Point of Use - See Page 10

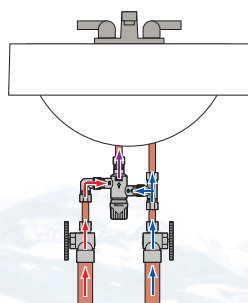
Thermostatic Mixing Valve w/ Integral Check Valves • Forged Brass Valve w/ DZR Brass G-Series Union Fittings						150 PSI CWP Max	
APPLICATION	WATER DISTRIBUTION SYSTEMS		LOW TEMP HYDRONIC	HIGH TEMP HYDRONIC	SOLAR HEAT SOURCE	POINT OF USE SINGLE OR MULTI FIXTURE	
CERTIFICATIONS			-	-			
MIXED OUTPUT 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)
HOT INLET TEMP	185°F MAX	185°F MAX	185°F MAX	203°F MAX	230°F MAX	185°F MAX	185°F MAX
MIP	1/2"	H-74202W-CAN	H-74202W	H-74272W	H-74262W	H-74202W-CAN	H-74202W
	3/4"	H-74203W-CAN	H-74203W	H-74273W	H-74263W	H-74203W-CAN	H-74203W
	1"	H-74204W-CAN	H-74204W	H-74274W	H-74264W	H-74204W-CAN	H-74204W
SWT	1/2"	H-75202W-CAN	H-75202W	H-75272W	H-75262W	H-75202W-CAN	H-75202W
	3/4"	H-75203W-CAN	H-75203W	H-75273W	H-75263W	H-75203W-CAN	H-75203W
	1"	H-75204W-CAN	H-75204W	H-75274W	H-75264W	H-75204W-CAN	H-75204W
FIP	1/2"	H-72202W-CAN	H-72202W	H-72272W	H-72262W	-	-
	3/4"	H-72203W-CAN	H-72203W	H-72273W	H-72263W	-	-
	1"	H-72204W-CAN	H-72204W	H-72274W	H-72264W	-	-
PRESS	1/2"	H-78202W-CAN	H-78202W	H-78272W	H-78262W	-	-
	3/4"	H-78203W-CAN	H-78203W	H-78273W	H-78263W	-	-
	1"	H-78204W-CAN	H-78204W	H-78274W	H-78264W	-	-
F1960 PEX	1/2"	H-73202W-CE-CAN	H-73202W-CE	H-73272W	-	-	-
	3/4"	H-73203W-CE-CAN	H-73203W-CE	H-73273W	-	-	-
F1807 PEX	1/2"	H-71202W-CAN	H-71202W	H-71272W	-	-	-
	3/4"	H-71203W-CAN	H-71203W	H-71273W	-	-	-
PUSH	1/2"	H-76202W-CAN*	H-76202W*	H-76202W*	-	-	-
	3/4"	H-76203W-CAN*	H-76203W*	H-76203W*	-	-	-
BODY ONLY • Install w/ (3) G-Union Fittings							
G-THREAD	1"	H-70000W-CAN	H-70000W	H-70000W	H-70070W	H-70060W	-

*PUSH FITTINGS CERTIFIED TO ASSE 1061

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
- Available accessories include elbow, tee, and 20 – 220°F dual-scale temperature gauge
- DZR brass or bronze body options

Includes mounting bracket



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



Ultra-Compact Thermostatic Mixing Valves

150 PSI CWP Max/180°F Max

MIXED OUTPUT TEMP RANGE	95° – 120°F (35° – 49°C)	95° – 120°F (35° – 49°C)	95° – 120°F (35° – 49°C)	95° – 120°F (35° – 49°C)	95° – 120°F (35° – 49°C)
HOT INLET TEMP	180°F MAX	180°F MAX	180°F MAX	180°F MAX	180°F MAX
CERTIFICATIONS	Certified to NSF/ANSI 61 & 372, ASSE 1070	Certified to NSF/ANSI 61 & 372 - Gauge H-3300W, (Body H-77201W - NSF-61-372 & ASSE 1070)*	Certified to NSF/ANSI 61 & 372 - Fittings H-7-7201x, (Body H-77201W - NSF-61-372 & ASSE 1070)*	Certified to NSF/ANSI 61 & 372 - Fittings H-7-7201x, (Body H-77201W - NSF-61-372 & ASSE 1070)*†	Certified to NSF/ANSI 61 & 372 - Components H-7-7201x, H-3300W, (Body H-77201W - NSF-61-372 & ASSE 1070)*†
Chrome-Plated Forged DZR Brass Thermostatic Mixing Valve					
3/8" COMPRESSION	H-77201W	H-77201W-TG	H-77201W-T	H-77211W	H-77211W-TG
1/4" PUSH	-	-	-	H-77610W	H-77610W-TG
Chrome-Plated DZR Bronze Thermostatic Mixing Valve					
3/8" COMPRESSION	H-77401W	H-77401W-TG	-	H-77411W	H-77411W-TG

*Certification applies to bronze body H-77401W †Push models also certified to ASSE 1061

CHROME-PLATED FORGED DZR BRASS FITTINGS

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
TEE, ELBOW, & CAP			
Compression		150 PSI CWP Max	
3/8"	H-7-7211W WP	5/50	3
1" DIAL 20 – 220°F TEMPERATURE GAUGE			
Compression		150 PSI CWP Max	
3/8"	H-33000W	10/100	16



CHROME-PLATED FORGED DZR BRASS FITTINGS & Removal Tool

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
W/ TEMPERATURE GAUGE			
Push		150 PSI CWP Max	
1/4"	H-7-7610W WP	5/50	3
1/4"	H-7-7610W-TG WP	5/50	7

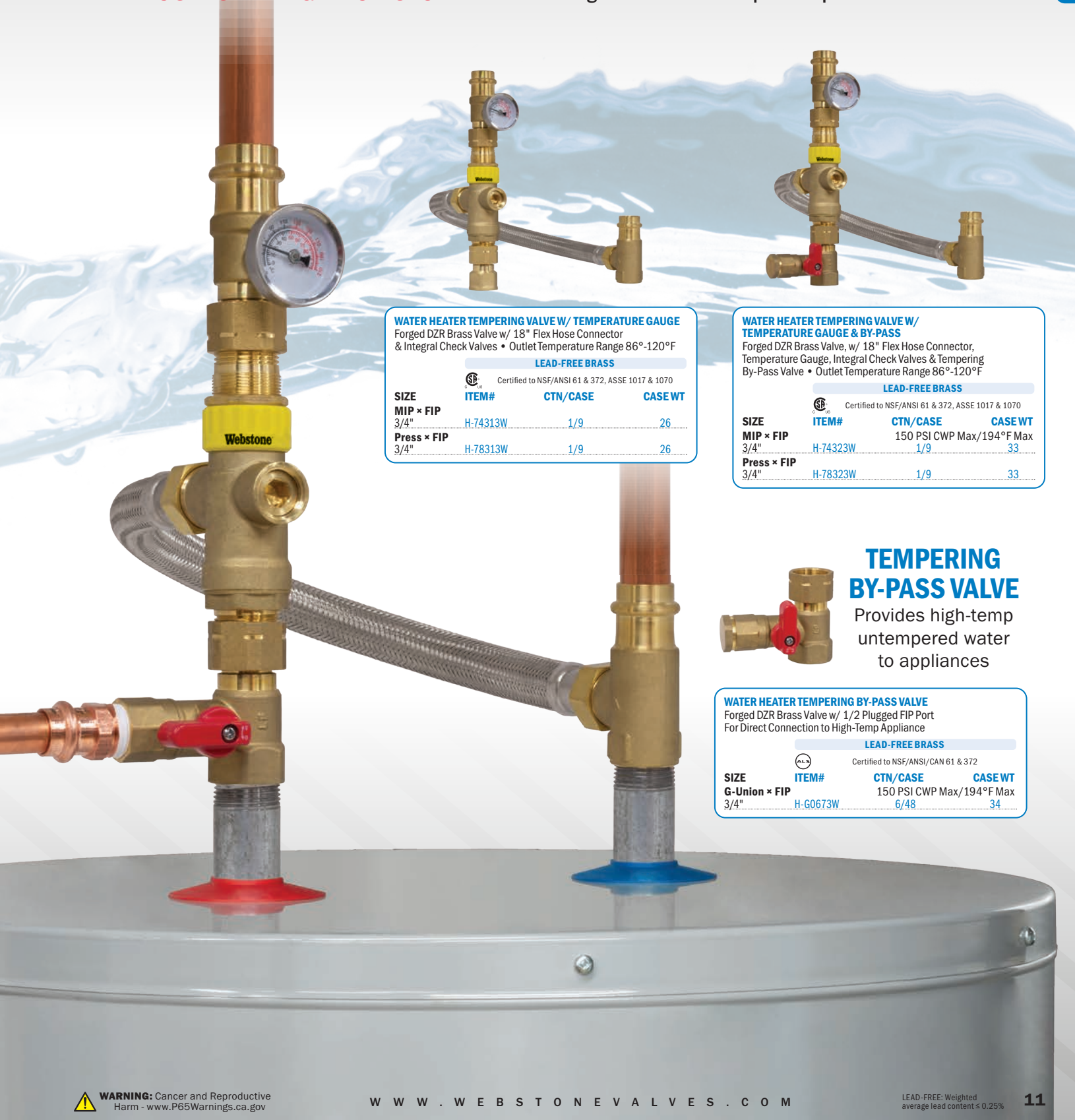


WATER HEATER TEMPERING VALVE

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



WATER HEATER TEMPERING VALVE W/ TEMPERATURE GAUGE
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 3/4"	H-74313W	1/9	26
Press x FIP 3/4"	H-78313W	1/9	26

**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 3/4"	H-74323W	150 PSI CWP Max/194°F Max 1/9	33
Press x FIP 3/4"	H-78323W	1/9	33

TEMPERING BY-PASS VALVE

Provides high-temp
untempered water
to appliances



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/CAN 61 & 372

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



WATER HEATER SUPPLY VALVE

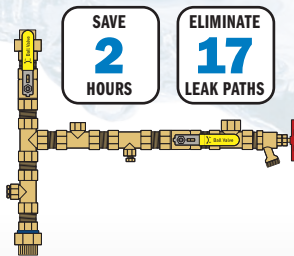
PATENTS PENDING



SEE PAGES 4-7

- Simplifies storage tank water heater installations
- Choice of FIP dielectric or brass union water heater connection
- Integrated valves isolate water supply and expansion tank for service
- 1/2" FIP cold water tapping for Water Heater Tempering Valve
- 1/2" FIP port for installation of vacuum relief valve
- 1/8" plugged gauge port
- Compatible with 3/4" MIP expansion tanks up to 5 gallons, includes mounting hardware and two 1/2" plugs
- FIP, MIP, SWT, Press or Push system connection
- Compact version available if expansion tank is not required

WORK SMARTER



SAVE
2
HOURS

ELIMINATE
17
LEAK PATHS



WHSV ADAPTER

Connect WHTV directly to WHSV cold water tapping

FORGED DZR BRASS ADAPTER

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread x MIP		150 PSI CWP Max/200°F Max	
3/4"	H-G9203W-R	30/120	16

ALSO AVAILABLE



T-VALVE

Ideal for expansion tanks - See Page 47



WATER HEATER SUPPLY VALVES



PRO-PAL DIELECTRIC WATER HEATER SUPPLY VALVE W/ EXPANSION TANK SERVICE

Full Port DZR Brass Ball w/ Dielectric Union End w/ 3/4 Expansion Tank Port & Hi-Flow Hose Drain (3) Plugged FIP Ports (1/2", 1/2" & 1/8") • Includes Mounting Hardware

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

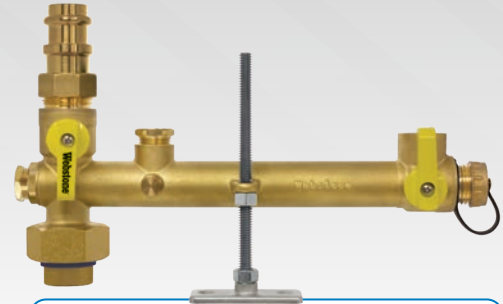
SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × MIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-21652W	1/8	32
3/4"	H-21653W	1/8	32
FIP Union × FIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-41652W	1/8	32
3/4"	H-41653W	1/8	33
FIP Union × SWT 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-51652W	1/8	32
3/4"	H-51653W	1/8	32
FIP Union × Push 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-61652W	1/8	32
3/4"	H-61653W	1/8	33
FIP Union × Press 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-81652W	1/8	32
3/4"	H-81653W	1/8	33

W/ VACUUM RELIEF VALVE

FIP Union × MIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-21652W-VR	1/8	32
3/4"	H-21653W-VR	1/8	34
FIP Union × FIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-41652W-VR	1/8	32
3/4"	H-41653W-VR	1/8	35
FIP Union × SWT 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-51652W-VR	1/8	32
3/4"	H-51653W-VR	1/8	34
FIP Union × Push 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-61652W-VR	1/8	32
3/4"	H-61653W-VR	1/8	36
FIP Union × Press 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-81652W-VR	1/8	32
3/4"	H-81653W-VR	1/8	35

BODY ONLY - INSTALL W/ (1) G-UNION FITTING

FIP Union × G-Thread 150 PSI CWP Max/180°F Max			
3/4" × 1"	H-G1653W	1/8	27



PRO-PAL WATER HEATER SUPPLY VALVE W/ EXPANSION TANK SERVICE

Full Port DZR Brass Ball w/ Union End w/ 3/4 Expansion Tank Port & Hi-Flow Hose Drain (3) Plugged FIP Ports (1/2", 1/2" & 1/8") • Includes Mounting Hardware

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × MIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-22652W	1/8	28
3/4"	H-22653W	1/8	28
FIP Union × FIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-42652W	1/8	28
3/4"	H-42653W	1/8	28
FIP Union × SWT 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-52652W	1/8	28
3/4"	H-52653W	1/8	28
FIP Union × Push 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-62652W	1/8	28
3/4"	H-62653W	1/8	28
FIP Union × Press 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-82652W	1/8	28
3/4"	H-82653W	1/8	28

W/ VACUUM RELIEF VALVE

FIP Union × MIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-22652W-VR	1/8	28
3/4"	H-22653W-VR	1/8	28
FIP Union × FIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-42652W-VR	1/8	28
3/4"	H-42653W-VR	1/8	28
FIP Union × SWT 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-52652W-VR	1/8	28
3/4"	H-52653W-VR	1/8	28
FIP Union × Push 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-62652W-VR	1/8	28
3/4"	H-62653W-VR	1/8	28
FIP Union × Press 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-82652W-VR	1/8	28
3/4"	H-82653W-VR	1/8	28

BODY ONLY - INSTALL W/ (1) G-UNION FITTING

FIP Union × G-Thread 150 PSI CWP Max/180°F Max			
3/4" × 1"	H-G2653W	1/8	26

PRO-PAL DIELECTRIC WATER HEATER SUPPLY VALVE Full Port DZR Brass Ball Valve w/ Dielectric Union End

1/2" FIP Vacuum Relief Valve Port (2) Plugged FIP Ports (1/2" & 1/8") • Includes Vacuum Relief Valve

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
W/ VACUUM RELIEF VALVE			
FIP Union × MIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-21662W-VR	1/16	33
3/4"	H-21663W-VR	1/16	38
FIP Union × FIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-41662W-VR	1/16	33
3/4"	H-41663W-VR	1/16	40
FIP Union × SWT 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-51662W-VR	1/16	33
3/4"	H-51663W-VR	1/16	38
FIP Union × Push 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-61662W-VR	1/16	34
3/4"	H-61663W-VR	1/16	40
FIP Union × Press 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-81662W-VR	1/16	33
3/4"	H-81663W-VR	1/16	39

BODY ONLY - INSTALL W/ (1) G-UNION FITTING

FIP Union × G-Thread 150 PSI CWP Max/180°F Max			
3/4" × 1"	H-G1663W	1/16	27



PRO-PAL WATER HEATER SUPPLY VALVE Full Port DZR Brass Ball Valve w/ Union End

1/2" FIP Vacuum Relief Valve Port (2) Plugged FIP Ports (1/2" & 1/8") • Includes Vacuum Relief Valve & Mounting Hardware

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

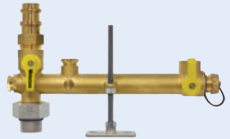
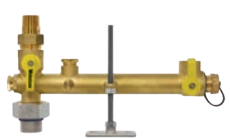
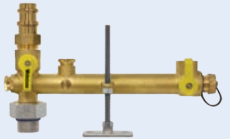
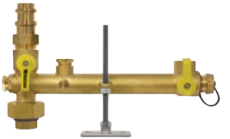
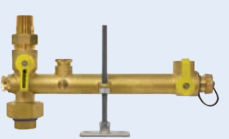
SIZE	ITEM#	CTN/CASE	CASE WT
W/ VACUUM RELIEF VALVE			
FIP Union × MIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-22662W-VR	1/16	34
3/4"	H-22663W-VR	1/16	34
FIP Union × FIP 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-42662W-VR	1/16	34
3/4"	H-42663W-VR	1/16	34
FIP Union × SWT 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-52662W-VR	1/16	34
3/4"	H-52663W-VR	1/16	34
FIP Union × Push 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-62662W-VR	1/16	35
3/4"	H-62663W-VR	1/16	35
FIP Union × Press 150 PSI CWP Max/180°F Max			
3/4" × 1/2"	H-82662W-VR	1/16	34
3/4"	H-82663W-VR	1/16	35

BODY ONLY - INSTALL W/ (1) G-UNION FITTING

FIP Union × G-Thread 150 PSI CWP Max/180°F Max			
3/4" × 1"	H-G2663W	1/16	30

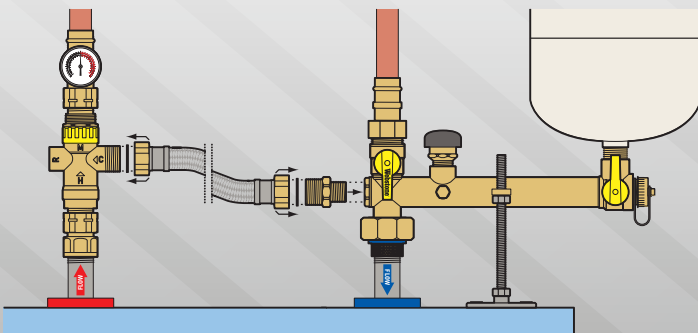
WATER HEATER SERVICE VALVE KITS

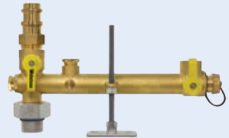
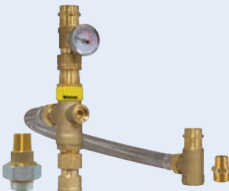
- Your choice of hot and cold connection solutions all in one box
- Brass or dielectric connections to the appliance
- Compatible with 3/4" MIP expansion tanks up to 5 gallons

KIT TYPE		DIELECTRIC APPLIANCE CONNECTIONS			BRASS APPLIANCE CONNECTIONS	
KIT FEATURES - All kits feature choice of hot & cold connection solution with dielectric or brass connections						
Cold Side Connection Solution						
Hot Side Connection Solution						
Connections	Size	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#
FIP Union × MIP	3/4"	H-21653W-DU	H-21653W-DU-BV	-	-	H-22653W-BBV
FIP Union × FIP	3/4"	-	H-41653W-DU-BV	-	H-42653W-BUBV	-
FIP Union × SWT	3/4"	H-51653W-DU	H-51653W-DU-BV	-	H-52653W-BUBV	-
FIP Union × Press	3/4"	H-81653W-DU	-	H-81653W-DUBV	H-82653W-BUBV	-
W/ VACUUM RELIEF VALVE						
FIP Union × MIP	3/4"	H-21653W-DU-VR	H-21653W-DU-BV-VR	-	-	H-22653W-BBV-VR
FIP Union × FIP	3/4"	-	H-41653W-DU-BV-VR	-	H-42653W-BUBV-VR	-
FIP Union × SWT	3/4"	H-51653W-DU-VR	H-51653W-DU-BV-VR	-	H-52653W-BUBV-VR	-
FIP Union × Press	3/4"	H-81653W-DU-VR	-	H-81653W-DUBV-VR	H-82653W-BUBV-VR	-

TEMPERING SERVICE VALVE KITS

- 1/2" WHSV cold water tapping accommodates direct connection of the Water Heater Tempering Valve (WHTV)
- WHTV Mixes hot output with cold supply for greater effective hot water storage
- Allows water heater to be set at 140°F, minimizing risk of Legionella bacteria in the tank
- Adjustable temperature control limits output to 120°F to prevent risk of scalding



KIT TYPE		DIELECTRIC APPLIANCE CONNECTIONS	BRASS APPLIANCE CONNECTIONS
KIT FEATURES - All kits feature choice of hot & cold connection solution with dielectric or brass connections			
Cold Side Connection Solution			
Hot Side Connection Solution			
Connections	Size	ITEM#	ITEM#
FIP Union x MIP	3/4"	H-21653W-DTV	H-22653W-BTV
FIP Union x Press	3/4"	H-81653W-DTV	H-82653W-BTV
W/ VACUUM RELIEF VALVE			
FIP Union x MIP	3/4"	H-21653W-DTV-VR	H-22653W-BTV-VR
FIP Union x Press	3/4"	H-81653W-DTV-VR	H-82653W-BTV-VR

UNIONS & DIELECTRIC PRODUCTS

PATENTED TECHNOLOGY

DIELECTRIC UNION

Galvanized Steel & Brass w/ Nylon Insulator Ring

LEAD-FREE BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP x MIP 200 PSI CWP Max/200°F Max			
3/4"	H-21103W*	10/40	32
FIP x Press 250 PSI CWP Max/180°F Max			
1/2"	H-81102W†	30/120	51
3/4"	H-81103W†	30/120	75
1"	H-81104W†	24/48	41
1 1/4"	H-81105W†	8/32	41
1 1/2"	H-81106W†	6/24	40
2"	H-81107W†	4/16	39
FIP x SWT 200 PSI CWP Max/200°F Max			
1/2"	H-01102W*	24/144	46
3/4"	H-01103W*	24/96	39
3/4" x 1/2"	H-01132W*	24/96	37
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

* CERTIFIED TO NSF/ANSI 61 & 372

† CERTIFIED TO NSF/ANSI 61 & 372 - PS117, Complies w/ ASSE 1079



PRO-PAL
SERIES

DIELECTRIC UNION BALL

PRO-PAL DIELECTRIC UNION BALL

Full Port Forged DZR Brass Ball Valve w/ Galvanized Steel Union End, Nylon Insulator Ring, Reversible Handle & Dual Stem Seal Design

LEAD-FREE BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union x Press 250 PSI CWP Max/200°F Max			
1/2"	H-81122W	6/36	33
3/4"	H-81123W	4/24	30
1"	H-81124W	4/16	33
1 1/4"	H-81125W	3/12	42
1 1/2"	H-81126W	2/8	37
2"	H-81127W	2/4	27



FORGED BRASS UNION

LEAD-FREE BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union x SWT 200 PSI CWP Max/200°F Max			
3/4"	H-54103W	20/100	41



FORGED DZR BRASS UNION

LEAD-FREE BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
Press x F1960 PEX Union 250 PSI CWP Max/180°F Max			
1/2"	H-38102W	30/120	43
3/4"	H-38103W	30/120	64
1"	H-38104W	24/48	36
Press x F1807 PEX Union 250 PSI CWP Max/180°F Max			
1/2"	H-18102W	30/120	42
3/4"	H-18103W	30/120	60
1"	H-18104W	24/48	33



PRO-PAL
SERIES

UNION BALL

UNION BALL

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

LEAD-FREE BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union x FIP 250 PSI CWP Max/200°F Max			
1/2"	H-40422W	5/40	35
3/4"	H-40423W	4/32	41
1"	H-40424W	4/20	37
FIP Union x SWT 250 PSI CWP Max/200°F Max			
1/2"	H-50422W	5/40	33
3/4"	H-50423W	4/32	40
1"	H-50424W	4/20	36
FIP Union x Press 250 PSI CWP Max/200°F Max			
1/2"	H-80422W	5/40	37
3/4"	H-80423W	4/32	43
1"	H-80424W	4/20	34
FIP Union x Push 200 PSI CWP Max/200°F Max			
1/2"	H-60422W*	5/40	34
3/4"	H-60423W*	4/32	38
1"	H-60424W*	4/20	38
FIP Union x 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 x 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

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

† CERTIFIED TO NSF/ANSI 61 & 372, NSF/ANSI 14



PRO-PAL
SERIES

UNION BALL DRAIN



PRO-PAL DIELECTRIC UNION BALL DRAIN

Full Port Forged DZR Brass Ball Valve w/ Galvanized Steel Union End, Nylon Insulator Ring, Hi-Flow Hose Drain, Reversible Handle & Dual Stem Seal Design

LEAD-FREE BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union x Press 250 PSI CWP Max/200°F Max			
1/2"	H-81112W	4/24	33
3/4"	H-81113W	4/24	40
1"	H-81114W	4/16	40
1 1/4"	H-81115W	2/8	31
1 1/2"	H-81116W	2/8	42
2"	H-81117W	2/4	32

UNION BALL DRAIN

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

LEAD-FREE BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union x FIP 600 PSI CWP Max/350°F Max			
3/4"	H-40433W	6/24	40
1"	H-40434W	4/16	36
1 1/4"	H-40435W	2/12	38
1 1/2"	H-40436W	2/8	38
FIP Union x SWT 600 PSI CWP Max/250°F Max			
3/4"	H-50433W	6/24	39
1"	H-50434W	4/16	31
1 1/4"	H-50435W	2/12	38
1 1/2"	H-50436W	2/8	38
FIP Union x 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 x 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 x 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

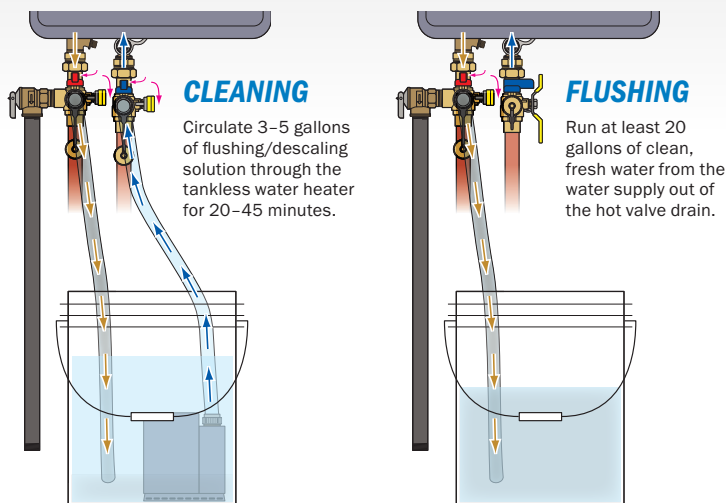
TWH SERVICE VALVES E·X·P[®] S E R I E S

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, installation kits, and accessories
- Also for use with wall hung and combi boilers - see page 25
- EXP Complete kits include your choice of TWH service valves with pressure relief valve, integrated gas sediment trap, gas ball valve, and gas flex line

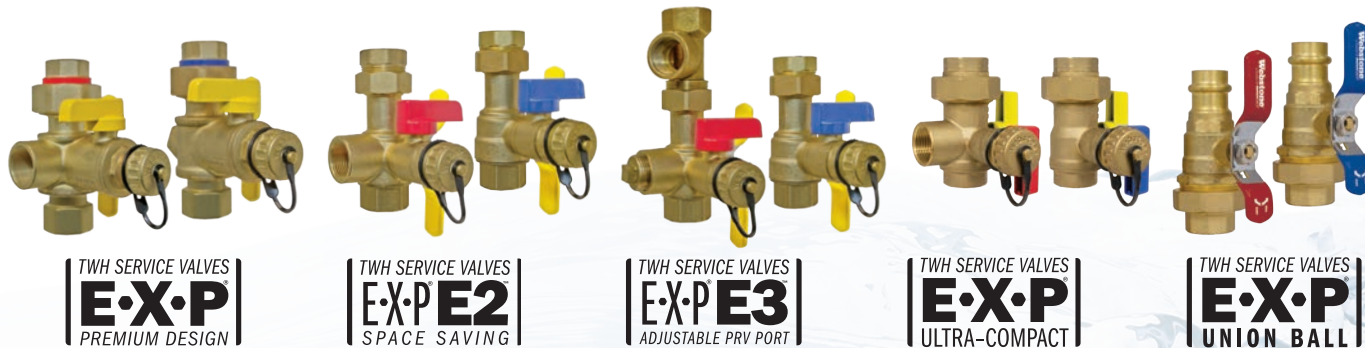
SIMPLIFIES SERVICE



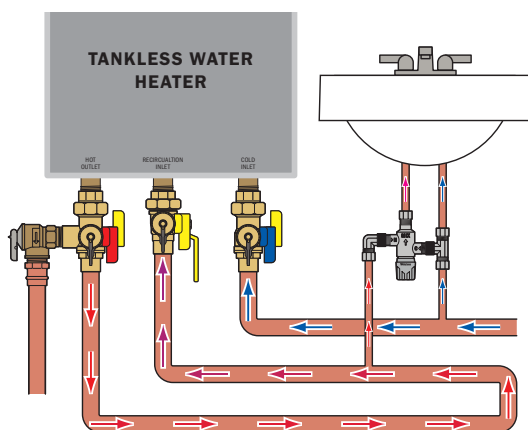
TWH SERVICE VALVES
E·X·P
COMPLETE



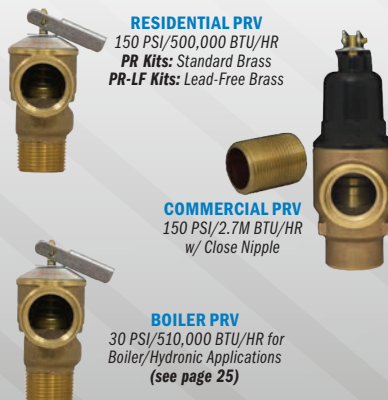
FULL RANGE OF SERVICE VALVES STYLES

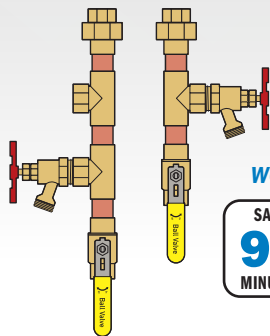


IDEAL FOR INTEGRATED RECIRCULATION PORT CONNECTIONS



PRESSURE RELIEF VALVE OPTIONS

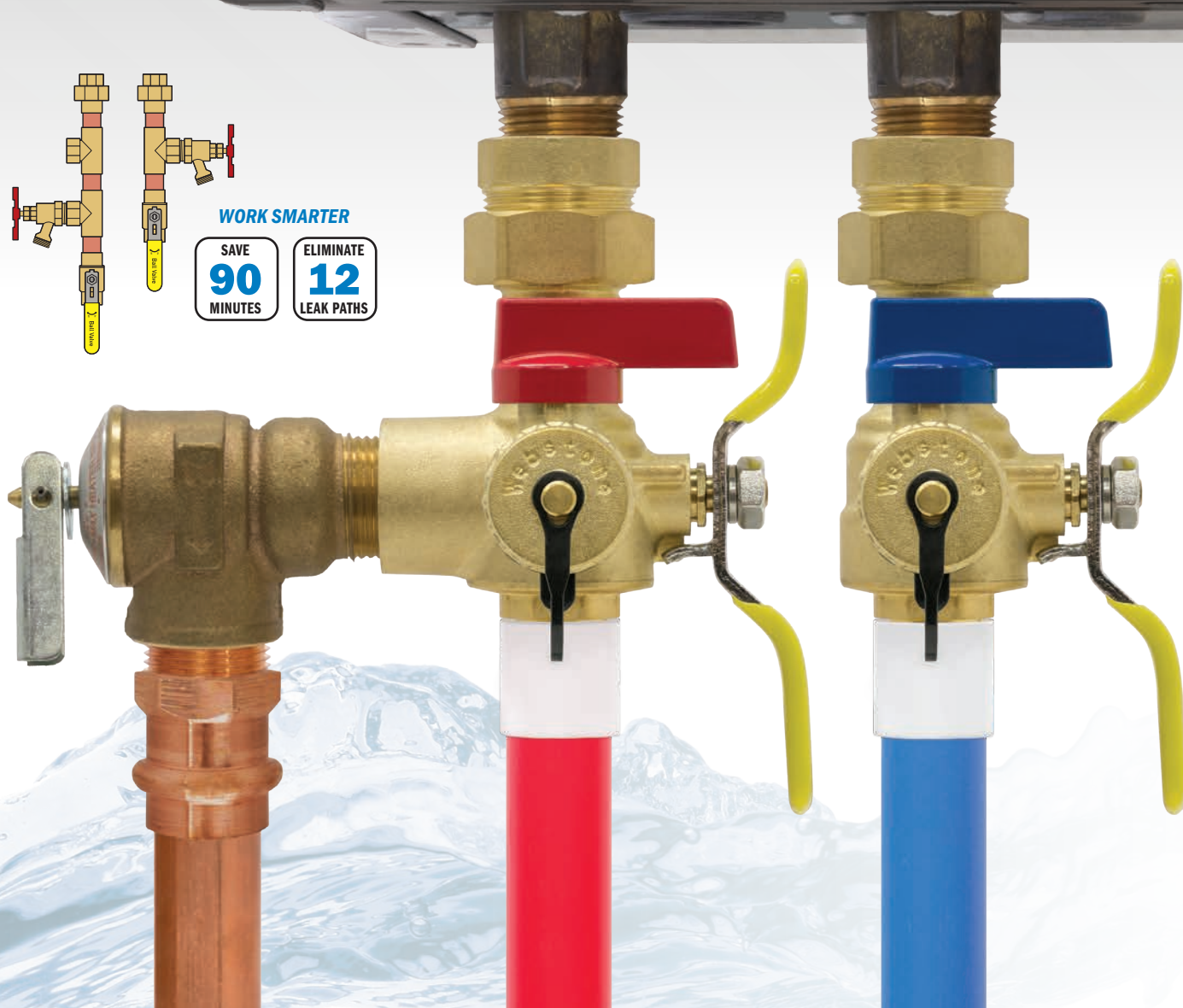




WORK SMARTER

SAVE
90
MINUTES

ELIMINATE
12
LEAK PATHS



OPTIONS FOR NEXT GENERATION TANKLESS SOLUTIONS

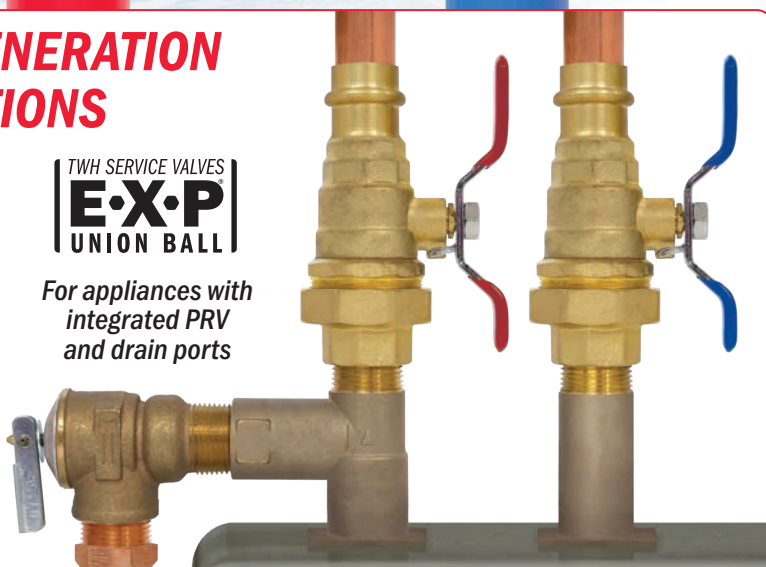
TWH SERVICE VALVES
E·X·P·E2
SPACE SAVING

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



WARNING: Cancer and Reproductive
Harm - www.P65Warnings.ca.gov

W W W . W E B S T O N E V A L V E S . C O M

LEAD-FREE: Weighted
average lead content $\leq 0.25\%$



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/CAN 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

*CERTIFICATIONS APPLY TO BASE MODEL H-x0443W



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/CAN 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 × F1960 PEX			400 PSI CWP Max/200°F Max
3/4"	H-34063W [†]	1/10	34
FIP Union × 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 × F1960 PEX			400 PSI CWP Max/200°F Max
3/4"	H-34443W [†]	1/10	34
1"	H-34444W [†]	1/10	35
FIP Union × F1807 PEX			400 PSI CWP Max/200°F Max
3/4"	H-14443W [†]	1/10	33
1"	H-14444W [†]	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 CWP Max/200°F Max
3/4"	H-64443WPR*	1/10	36
FIP Union × F1960 PEX			400 PSI CWP Max/200°F Max
3/4"	H-34443WPR [†]	1/10	38
1"	H-34444WPR [†]	1/10	40
FIP Union × F1807 PEX			400 PSI CWP Max/200°F Max
3/4"	H-14443WPR [†]	1/10	38
1"	H-14444WPR [†]	1/10	38

W/ LEAD-FREE RESIDENTIAL PRESSURE RELIEF VALVE

FIP Union × FIP			500 PSI CWP Max/210°F Max
3/4"	H-44443WPR-LF [‡]	1/10	37
1"	H-44444WPR-LF [‡]	1/10	65
FIP Union × SWT			500 PSI CWP Max/210°F 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
FIP Union × Push			200 PSI CWP Max/200°F Max
3/4"	H-64443WPR-LF* [‡]	1/10	36
FIP Union × F1960 PEX			400 PSI CWP Max/200°F Max
3/4"	H-34443WPR-LF [‡]	1/10	38
1"	H-34444WPR-LF [‡]	1/10	40
FIP Union × F1807 PEX			400 PSI CWP Max/200°F Max
3/4"	H-14443WPR-LF [‡]	1/10	38
1"	H-14444WPR-LF [‡]	1/10	38

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

†SERVICE VALVES ALSO CERTIFIED TO NSF/ANSI 14

‡CERTIFICATIONS APPLY TO BASE MODEL H-x4443W



*Adjustable PRV outlet
ideal for tight spaces*

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/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP			500 PSI CWP Max/210°F Max
3/4"	H-45443WPR	1/10	48
FIP Union × SWT			500 PSI CWP Max/210°F 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/210°F Max
3/4"	H-45443WPR-LH	1/10	48
FIP Union × SWT			500 PSI CWP Max/210°F Max
3/4"	H-55443WPR-LH	1/10	48
FIP Union × Press			250 PSI CWP Max/250°F Max
3/4"	H-85443WPR-LH	1/10	48

*CERTIFICATIONS APPLY TO BASE MODEL H-x5443W

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

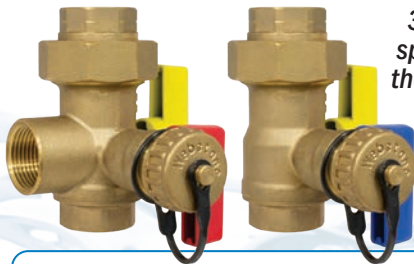


SERVICE VALVE STYLE	E-X-P		E-X-P E2				E-X-P E3		E-X-P Ultra-Compact			E-X-P Union Ball
Features - all kits include Hot & Cold Set of Full Port Forged Lead-Free Brass Ball Valves												
Pressure Relief Valve (PRV) Outlet	✓	✓	✓	✓	✓	NONE	Adjustable	Adjustable	✓	✓	✓	NONE
Residential PRV (150 PSI/500,000 BTU/HR)	-	✓	-	✓	Lead Free	-	✓	✓	-	✓	Lead Free	-
Hose Drains	Hi-Flow	Hi-Flow	Hi-Flow	Hi-Flow	Hi-Flow	Hi-Flow	Hi-Flow	Hi-Flow	✓	✓	✓	-
Handle Style	Wing	Wing	Wing	Wing	Wing	Wing	Wing	Lever	Compact Lever	Compact Lever	Compact Lever	Wing
Stem Seals	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Double O-Ring	Double O-Ring	Double O-Ring	Adjustable
Connections	Size	ITEM#	ITEM#	ITEM#	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-42443W	H-42443WPR	H-42443WPR-LF
	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-52443W	H-52443WPR	H-52443WPR-LF
	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	-	-	-
	1"	-	-	H-84444W	H-84444WPR	H-84444WPR-LF	-	-	-	-	-	H-80423W-RB
FIP Union × Push	3/4"	-	-	H-64443W	H-64443WPR	H-64443WPR-LF	H-64063W	-	-	-	-	-
FIP Union × F1960 PEX	3/4"	-	-	H-34443W	H-34443WPR	H-34443WPR-LF	H-34063W	-	-	-	-	H-30423W-RB
	1"	-	-	H-34444W	H-34444WPR	H-34444WPR-LF	-	-	-	-	-	-
FIP Union × F1807 PEX	3/4"	-	-	H-14443W	H-14443WPR	H-14443WPR-LF	H-14063W	-	-	-	-	H-10423W-RB
	1"	-	-	H-14444W	H-14444WPR	H-14444WPR-LF	-	-	-	-	-	-

TWH SERVICE VALVES
E·X·P
ULTRA-COMPACT

COMPACT DESIGN

Installs in
30% less
space than
the E-X-P E2



E-X-P ULTRA-COMPACT TANKLESS WATER HEATER SERVICE VALVE KIT

Hot & Cold Set of Full Port Forged DZR Brass Ball Valves w/ 3/4" Hose Drains & Pressure Relief Valve Outlet

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-42443W	1/12	40
FIP Union × SWT		250 PSI CWP Max/200°F Max	
3/4"	H-52443W	1/12	39

INCLUDES RESIDENTIAL PRESSURE RELIEF VALVE (150 PSI/500,000 BTU/HR)

FIP Union × FIP		250 PSI CWP Max/200°F Max	
3/4"	H-42443WPR	1/12	45
FIP Union × SWT		250 PSI CWP Max/200°F Max	
3/4"	H-52443WPR	1/12	45

INCLUDES LEAD-FREE PRESSURE RELIEF VALVE (150 PSI/500,000 BTU/HR)

FIP Union × FIP		250 PSI CWP Max/200°F Max	
3/4"	H-42443WPR-LF	1/12	45
FIP Union × SWT		250 PSI CWP Max/200°F Max	
3/4"	H-52443WPR-LF	1/12	45

TWH SERVICE VALVES
E·X·P
UNION BALL

For appliances
with integrated
PRV & drain ports



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 × F1960 PEX		250 PSI CWP Max/200°F Max	
3/4"	H-30423W-RB*	1/12	30
FIP Union × F1807 PEX		250 PSI CWP Max/200°F Max	
3/4"	H-10423W-RB*	1/12	30

*ALSO CERTIFIED TO NSF/ANSI 14



Also perfect for
traditional tank
water heater
connections

E-X-P ACCESSORIES



E-X-P PRESSURE RELIEF VALVE RELOCATION ADAPTER
For Recessed Boxes, Tight or Unique Installations

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

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



PRESSURE RELIEF VALVES

STANDARD BRASS

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61

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

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

TWH SERVICE VALVES E·X·P[®] COMPLETE

PATENTED TECHNOLOGY WITH
FURTHER PATENTS PENDING

- Kits include your choice of TWH service valves with pressure relief valve, integrated gas sediment trap, gas ball valve, and gas flex line
- Results in cleaner looking, consistent quality, more professional installations
- Saves labor and eliminates repetitive field fabrication
- Reduces leak paths

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) & 3/4" FIP Full Port Forged Brass Gas Sediment Trap w/ 3/4" FIP Gas Ball Valve & 24" Flex Line

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372, ANSI Z21.15, CSA 9.1 - Applies to TWH Service Valves and Gas Valve (Flex Line: ANSI Z21.24 & CSA 6.10)

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP		500 PSI CWP Max/210°F Max*	
3/4"	H-44443WPR-GST	1/4	29
FIP Union × SWT		500 PSI CWP Max/210°F Max*	
3/4"	H-54443WPR-GST	1/4	30
FIP Union × Press		250 PSI CWP Max/250°F Max*	
3/4"	H-84443WPR-GST	1/4	28
FIP Union × Push		200 PSI CWP Max/200°F Max*	
3/4"	H-64443WPR-GST	1/4	28
FIP Union × F1960 PEX		400 PSI CWP Max/200°F Max*	
3/4"	H-34443WPR-GST	1/4	29
FIP Union × F1807 PEX		400 PSI CWP Max/200°F Max*	
3/4"	H-14443WPR-GST	1/4	29

*GAS COMPONENTS RATED AT 1/2 PSI MAX/149°F MAX

† Certified to NSF/ANSI/CAN 61 & 372, ANSI Z21.15, ASSE 1061, CSA 9.1 - Applies to TWH Service Valves and Gas Valve (Flex Line: ANSI Z21.24 & CSA 6.10), NSF/ANSI 14

† Certified to NSF/ANSI/CAN 61 & 372, ANSI Z21.15, CSA 9.1 - Applies to TWH Service Valves and Gas Valve (Flex Line: ANSI Z21.24 & CSA 6.10), NSF/ANSI 14

TWH SERVICE VALVES
E·X·P[®] E2
SPACE SAVING



TWH SERVICE VALVES
E·X·P[®]
ULTRA-COMPACT



E-X-P COMPLETE TANKLESS WATER HEATER INSTALLATION KIT

Includes E-X-P Ultra Compact Service Valves w/ Residential Pressure Relief Valve (150 PSI/500,000 BTU/HR) & 3/4" FIP Full Port Forged Brass Gas Sediment Trap w/ 3/4" FIP Gas Ball Valve & 24" Flex Line

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, ANSI Z21.15, CSA 9.1 - Applies to TWH Service Valves and Gas Valve (Flex Line: ANSI Z21.24 & CSA 6.10)

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP		250 PSI CWP Max/200°F Max*	
3/4"	H-42443WPR-GST	1/4	26
FIP Union × SWT		250 PSI CWP Max/200°F Max*	
3/4"	H-52443WPR-GST	1/4	26

*GAS COMPONENTS RATED AT 1/2 PSI MAX/149°F MAX



GAS SEDIMENT TRAP

PATENTS PENDING

THE **CLEANEST** WAY TO INSTALL **GAS** APPLIANCES

- 1/2" & 3/4" sizes cover most installation needs
- Includes full port gas ball valve
- Available w/ 24" gas flex line
- Results in cleaner looking, consistent quality, more professional installations
- Eliminates repetitive field fabrication
- Saves labor
- Reduces leak paths



GAS SEDIMENT TRAP KIT 3" Tee Fitting & Cap

STANDARD BRASS

ANSI Z21.15, CSA 9.1 - Flex
Line: ANSI Z21.24 & CSA 6.10



SIZE	ITEM#	CTN/CASE	CASEWT
FIP		1/2 PSI Max/149°F Max	
W/ FULL PORT FORGED BRASS GAS BALL VALVE & 24" GAS FLEX LINE			
1/2"	H-22442-24-FP	1/10	29
3/4"	H-22443-24-FP	1/10	34
W/ FULL PORT FORGED BRASS GAS BALL VALVE			
1/2"	H-22442	1/20	26
3/4"	H-22443	1/20	38



WARNING: Cancer and Reproductive
Harm - www.P65Warnings.ca.gov

W W W . W E B S T O N E V A L V E S . C O M

LEAD-FREE: Weighted
average lead content ≤ 0.25%

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

AIR SEPARATOR

Reduces noise and improves system operation - SEE PAGE 28

MAGNETIC BOILER FILTER

High-powered magnet captures ferrous debris - SEE PAGE 34

HYDRO-CORE MANIFOLD

Avoids precise calculations and costly field fabrication - SEE PAGE 23

DIFFERENTIAL PRESSURE BY-PASS VALVE

Eliminates noise in a zoned hydronic system with fixed-speed primary circulator pump - SEE PAGE 27



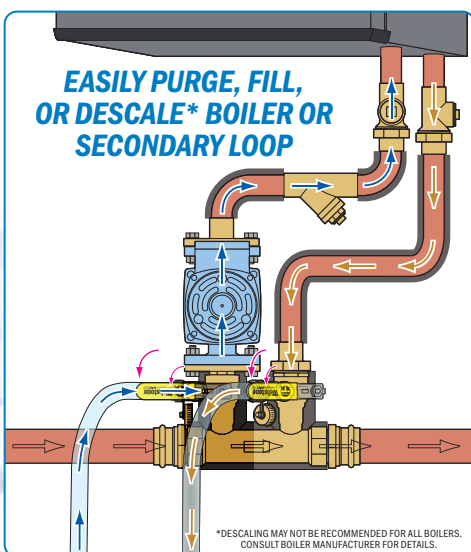
HYDRO-CORE®

PATENTED TECHNOLOGY

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

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

- Eliminates costly field fabrication
- Avoids precise calculations
- Simplifies future maintenance
- Saves space
- All with EXPERT looking results



MANIFOLD DESIGNS

**DOUBLE
BALL DRAIN**

**FLANGE
RIGHT**

**FLANGE
LEFT**



HYDRO-CORE UNION CONNECTION

Available in three
distinct styles
See Page 25

THREE MANIFOLD DESIGNS

Choice of union or flange
connections to accommodate
internal of external pumps



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**
Provides greater
control during
installation



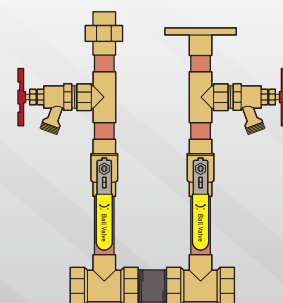
HYDRO-CORE MANIFOLD KITS

Kits include Manifold
and Union Connections

Manifold Design	System Run	Boiler Connection	FIP	SWT	Press x FIP
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
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
	1 1/2"	1 1/4"	H-48765-45	H-58765-55	H-88765-45
Flange Left	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

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.



WORK SMARTER

SAVE
2
HOURS

ELIMINATE
16
LEAK PATHS

HYDRO-CORE[®]

COMPLETE NEAR BOILER PIPING KITS

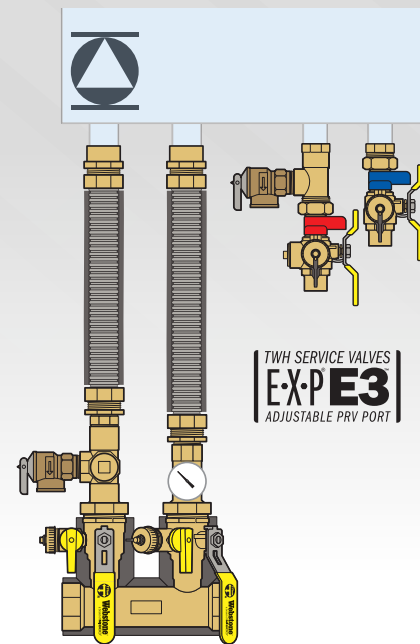
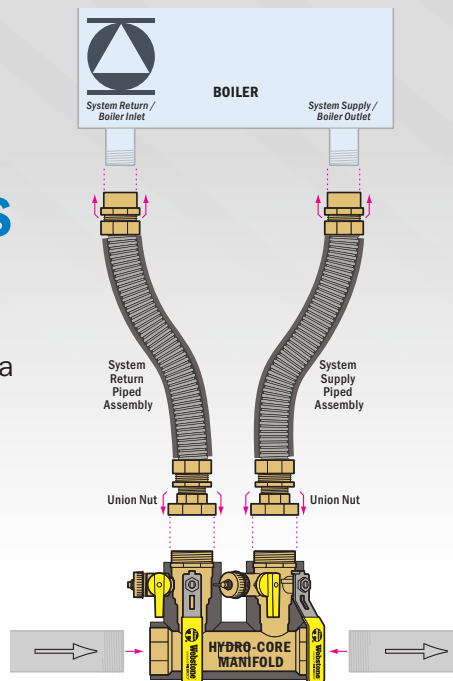
PATENTED TECHNOLOGY

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

WORK SMARTER

SAVE
4
HOURS

ELIMINATE
29
LEAK PATHS



COMBI BOILER KITS[†]

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

- 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.

FIND THE RIGHT KIT FOR YOUR BOILER:

SEE WWW.WEBSTONEVALVES.COM/HYDROCORE FOR A FULL BOILER COMPATIBILITY CHART

Complete Near Boiler Piping Kits

SYSTEM PIPING	ITEM#	ITEM#	ITEM#	ITEM#
FIP	H-4CC4-NBHK	H-4FK4-WIF	H-4CCL54-54Y	H-4FK5-CH
SWT	H-5CC4-NBHK	H-5FK4-WIF	H-5CCL54-54Y	H-5FK5-CH
PRESS	H-8CC4-NBHK	H-8FK4-WIF	H-8CCL54-54Y	H-8FK5-CH
Kit Features				
SYSTEM RUN	1 1/4"	1 1/4"	1 1/4"	1 1/4"
BOILER CONNECTION	1"	1"	1"	1"
MANIFOLD TYPE	Double Ball Drain	Double Ball Drain	Flange Left	Double Ball Drain
SUPPLY & RETURN PIPING	Bent Copper	Flexible Stainless Steel (Two 12" Lengths)	Bent Copper	Flexible Stainless Steel (10.5" & 12" Lengths)
FULLY INSULATED	✓	✓	✓	✓
1/4" NPT GAUGE PORT	-	-	-	✓
PRESSURE GAUGE	-	-	-	✓
3/4" FIP DEVICE PORTS	-	-	✓	✓
MESH "Y" STRAINER	-	-	✓	-
30 PSI BOILER PRV	-	-	-	✓
3/4" E-X-P E3 DHW SERVICE VALVES	-	-	-	✓
150 PSI DHW PRV	-	-	-	Lead-Free

HYDRO-CORE®

UNION CONNECTIONS

Join mixed piping types, add a gauge, or connect devices 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

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® SERIES

WALL HUNG & COMBI BOILER INSTALLATIONS

PATENTED TECHNOLOGY

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				
1"	H-44444	H-44444PR3	1/10	54
LEAD-FREE BRASS				
Certified to NSF/ANSI/CAN 61 & 372				
FIP Union × FIP				
1"	H-44444W	H-44444WPR3	1/10	54
FIP Union × SWT				
1"	H-54444W	H-54444WPR3	1/10	54
FIP Union × Press				
1"	H-84444W	H-84444WPR3	1/10	56

E-X-P TANKLESS WATER HEATER KITS
ARE IDEAL FOR COMBI BOILER DHW
CONNECTIONS - **SEE PAGE 16**

BOILER CONNECTIONS SUPPLY/HOT RETURN/COLD

DOMESTIC HOT WATER OUT/HOT IN/COLD

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



HYDRAULIC SEPARATOR

PATENTED TECHNOLOGY

A SMARTER SOLUTION FOR SYSTEM EFFICIENCY

- Ensures ongoing system performance and efficiency
- Balances flow between primary and secondary piping
- Protects system from ferrous and non-ferrous debris
- Captures and removes air bubbles
- Includes high-powered magnet and dual-scale temperature/pressure gauge
- Mounting brackets and hardware included

COMBINES MULTIPLE SYSTEM COMPONENTS

INCLUDES MOUNTING BRACKETS & HARDWARE

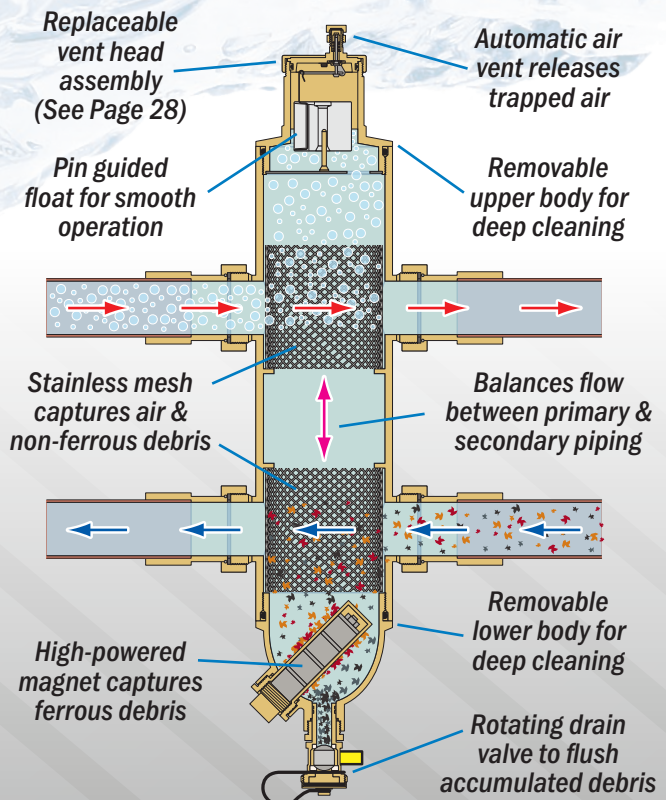


SEE PAGES 4-7

FORGED BRASS HYDRAULIC SEPARATOR

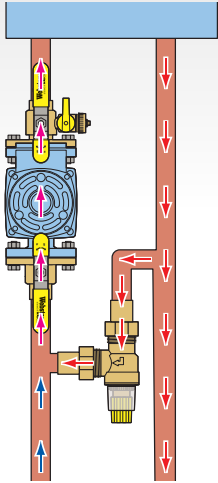
w/ Integral Magnet & Stainless Steel Mesh, Integrated Hose Drain Valve, Air Separator & Filter • Dual Scale Temperature & Pressure Gauge • Includes Mounting Hardware

SIZE MIP	ITEM#	STANDARD BRASS	
		CTN/CASE	CASE WT
1"	H-72404	1/1	17
1 1/4"	H-72405	1/1	17
1 1/2"	H-72406	1/1	17
FIP			
1"	H-74404	1/1	17
1 1/4"	H-74405	1/1	17
1 1/2"	H-74406	1/1	17
SWT			
1"	H-75404	1/1	17
1 1/4"	H-75405	1/1	17
1 1/2"	H-75406	1/1	17
Press			
1"	H-78404	1/1	17
1 1/4"	H-78405	1/1	17
1 1/2"	H-78406	1/1	17
BODY ONLY - INSTALL W/ (4) 1 1/2" G-UNION FITTINGS			
G-Thread			
1 1/2"	H-7G406	1/1	16



DIFFERENTIAL PRESSURE BY-PASS VALVE

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

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



SEE PAGES 4-7

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) G-UNION FITTINGS				
G-Thread				
1"	9	H-70530	1/36	25
1"	18	H-70540	1/36	31



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
145 PSI CWP Max/230°F Max				
FIP				
3/4"	9	H-74533-A	1/36	22
1"	18	H-74544-A	1/36	27
MIP				
3/4"	9	H-72533-A	1/36	22
1"	18	H-72544-A	1/36	27
SWT				
3/4"	9	H-75533-A	1/36	22
1"	18	H-75544-A	1/36	27
Press				
3/4"	9	H-78533-A	1/36	22
1"	18	H-78544-A	1/36	27
BODY ONLY - INSTALL W/ (2) G-UNION FITTINGS				
G-Thread				
1"	9	H-70530-A	1/36	22
1"	18	H-70540-A	1/36	27



PRO-PAL
S E R I E S

PURGE TEE™



PURGETEE

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

WORK SMARTER*

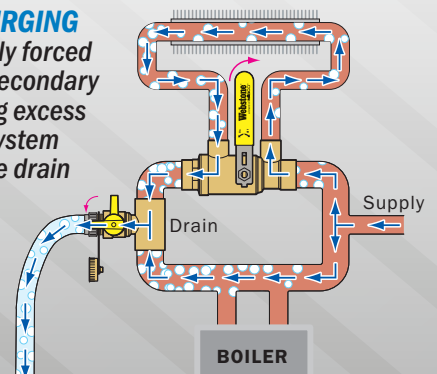
SAVE
35
MINUTES

ELIMINATE
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

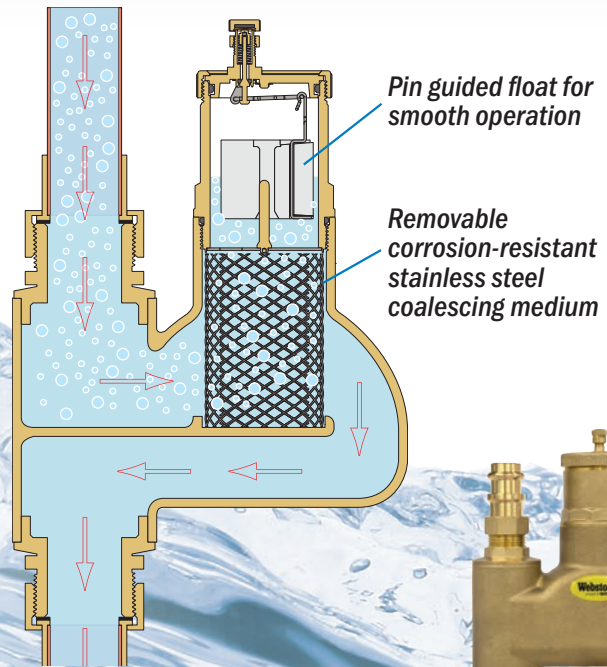


- Ideal for primary/secondary piping in mod-con boiler systems
- Provides precise spacing required for hydraulic separation
- Enables power purging of secondary loops, improving efficiency at system startup
- The only way to place a valve between closely spaced tees

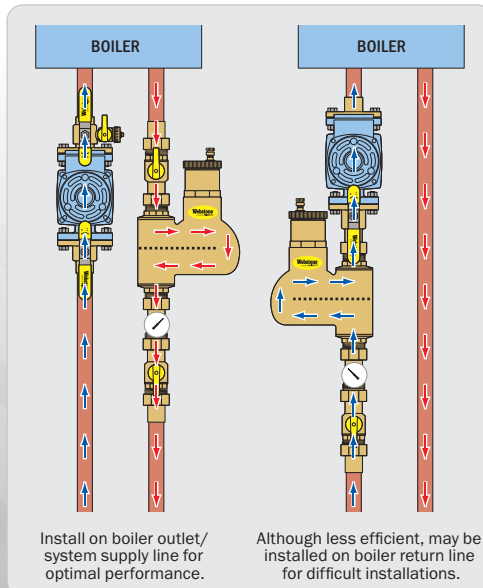
VERTICAL AIR SEPARATOR

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



SEE PAGES 4-7



BRASS AIR SEPARATOR

w/ Removable Vent Head & Coalescing Medium • For Vertical Installations

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASEWT
FIP		150 PSI CWP Max/250°F Max	
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) G-UNION FITTINGS			
G-Thread			
1"	H-71000-V	1/8	41



- Replacement vent assembly compatible with vertical and horizontal air separator, and hydraulic separator

REPLACEMENT VENT ASSEMBLY

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

HORIZONTAL AIR SEPARATOR

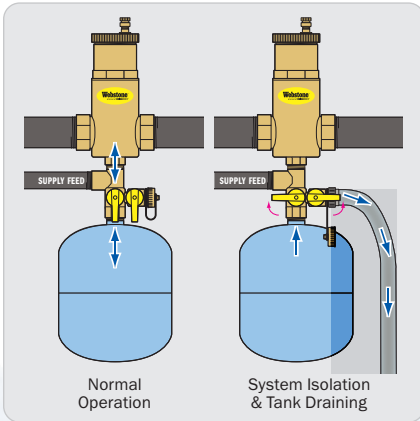
BRASS AIR SEPARATOR

w/ Removable Vent Head & Coalescing Medium

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP		150 PSI CWP Max/250°F Max	
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



- Horizontal model includes FIP expansion tank connection



IDEAL FOR USE WITH

PRO-PAL
SERIES

EXPANSION TANK
PRO SERVICE VALVE

SEE PAGE 31

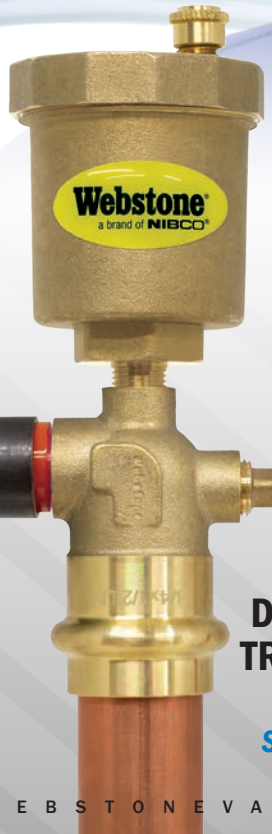
AUTOMATIC AIR VENT

- Automatically releases trapped air
- Removable vent head for service

FORGED BRASS AIR VENT

w/ Removable Vent Head

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
MIP		145 PSI CWP Max/230°F Max	
1/8"	H-74600	1/50	17
1/4"	H-74601	1/50	17
1/2"	H-74602	1/50	18



VENT INSTALLATION OPTIONS
FOR ANY INSTALLATION



PRO-PAL
SERIES

T-VALVE

SEE PAGE 47

DUAL VENT
TRANSITION
ELBOW

SEE PAGE 53



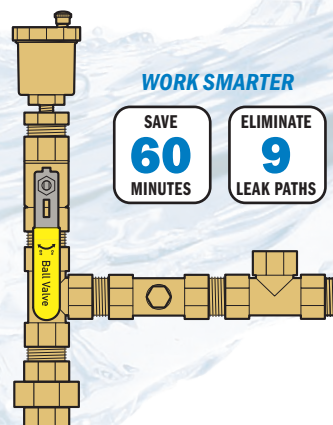
TRANSITION TEE

SEE PAGE 53

PATENTS PENDING



- Expands the utility of 3/4" pressure relief valve (PRV) port at the top of unit for installation of air vent and other accessories
- Union connection to boiler for easier installation and flexible positioning
- Includes an automatic air vent to release trapped air from the system
- Integrated ball valve isolates vent for service without obstructing the PRV
- 3/4" FIP port accommodates PRV provided with your boiler (or sold separately - see page 19)
- 3/4" close nipple provided for convenient adaptations to your specific boiler equipment
- Plugged 3/4" FIP port for optional low water cutoff device
- Dual-sided plugged 1/4" FIP gauge ports



WORK SMARTER

SAVE
60
MINUTES

ELIMINATE
9
LEAK PATHS

WORKS WITH LOW WATER CUTOFF DEVICE OF YOUR CHOICE



PRO-PAL BOILER VENT VALVE

Full Port Forged Brass Ball Valve w/ Auto Air Vent, 3/4 FIP Pressure Relief Valve Port, 1/4 NPT Gauge Ports (Plugged), 3/4 FIP Low Water Cutoff Port (Plugged), & 3/4 Close Nipple

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP		145 PSI CWP Max/200°F Max	
3/4"	H-74613	1/20	32



STAINLESS STEEL LIQUID FILLED PRESSURE GAUGE

Dual Scale, 2" Dial w/ Center Back Connection

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

PATENTED TECHNOLOGY

- All-in-one, space-saving solution simplifies hydronic expansion tank installation and service
- Forged brass support arm with steel mounting plate
- Provides isolation for the water supply and system
- Union connections for flexible handle positioning
- Includes pressure gauge and automatic air vent
- Dedicated drain valve for servicing the tank
- Union expansion tank connection allows the tank to be supported during removal
- Supports tanks up to 8 gallons

PRO-PAL E-TANK SERVICE ASSEMBLY

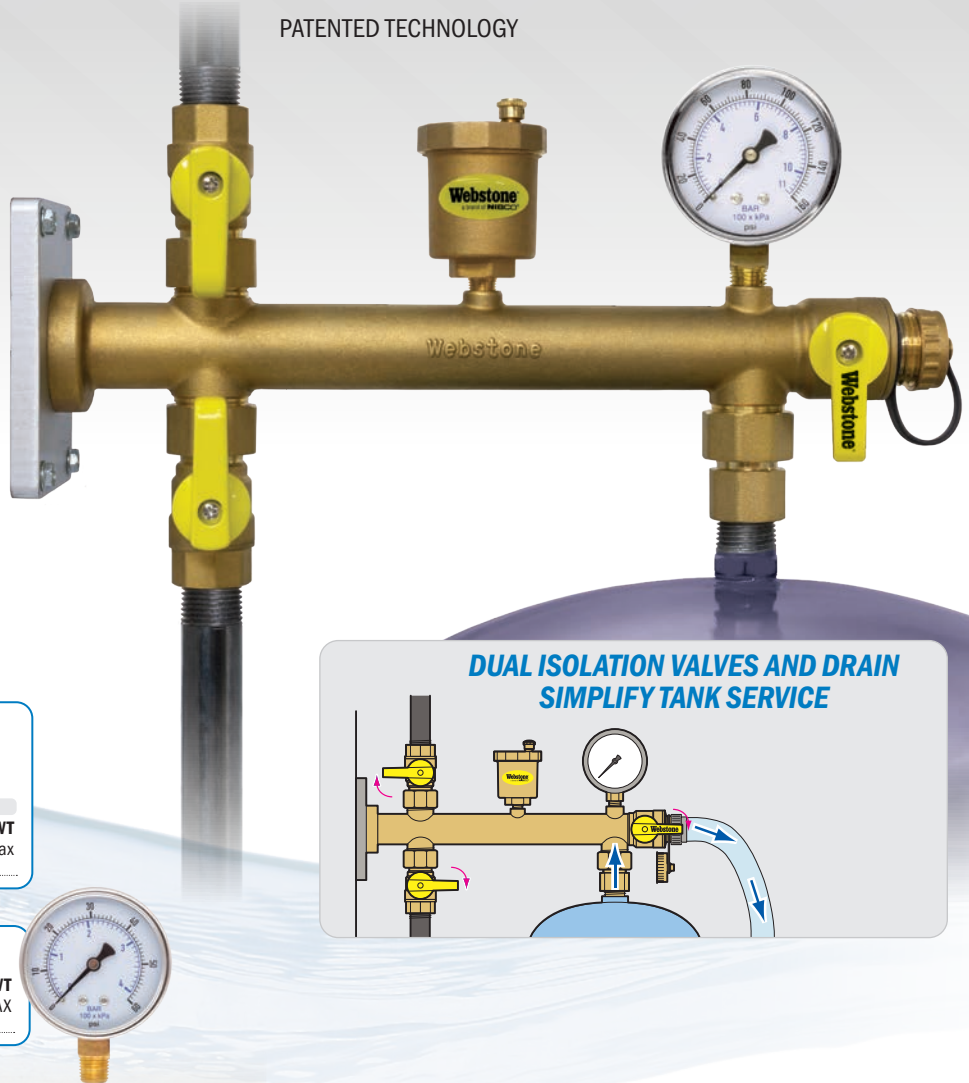
Forged Brass Mounting Arm w/ Full Port Isolation Valves, Expansion Tank Port & Hi-Flow Hose Drain • Includes Automatic Air Vent & Pressure Gauge • For Hydronic Applications

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP		200 PSI CWP Max/200°F Max	
1/2"	H-43672	1/6	31

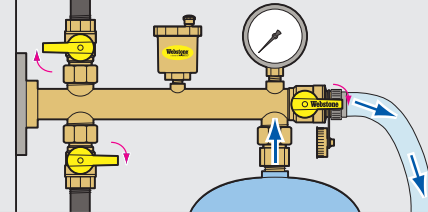
STEEL PLATED DRY PRESSURE GAUGE

Dual Scale, 2" Dial w/ Bottom Connection

SIZE	ITEM#	CTN/CASE	CASE WT
MIP		60 PSI CWP MAX	
1/4"	H-31000-60BTM	1/150	35



DUAL ISOLATION VALVES AND DRAIN SIMPLIFY TANK SERVICE

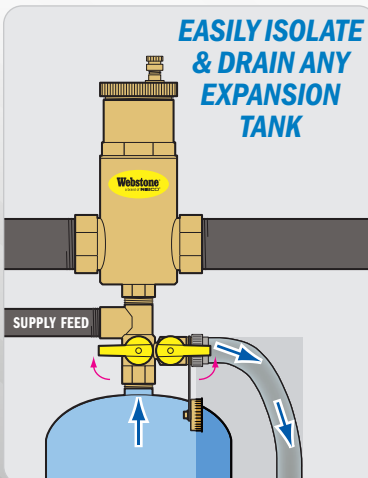


EXPANSION TANK PRO SERVICE VALVE™

IDEAL FOR USE
WITH HORIZONTAL
AIR SEPARATOR
SEE PAGE 29

- 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

EASILY ISOLATE & DRAIN ANY EXPANSION TANK



PRO-PAL EXPANSION TANK PRO SERVICE VALVE

Full Port Forged Brass Ball Valve w/ Hi-Flow Hose Drain

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

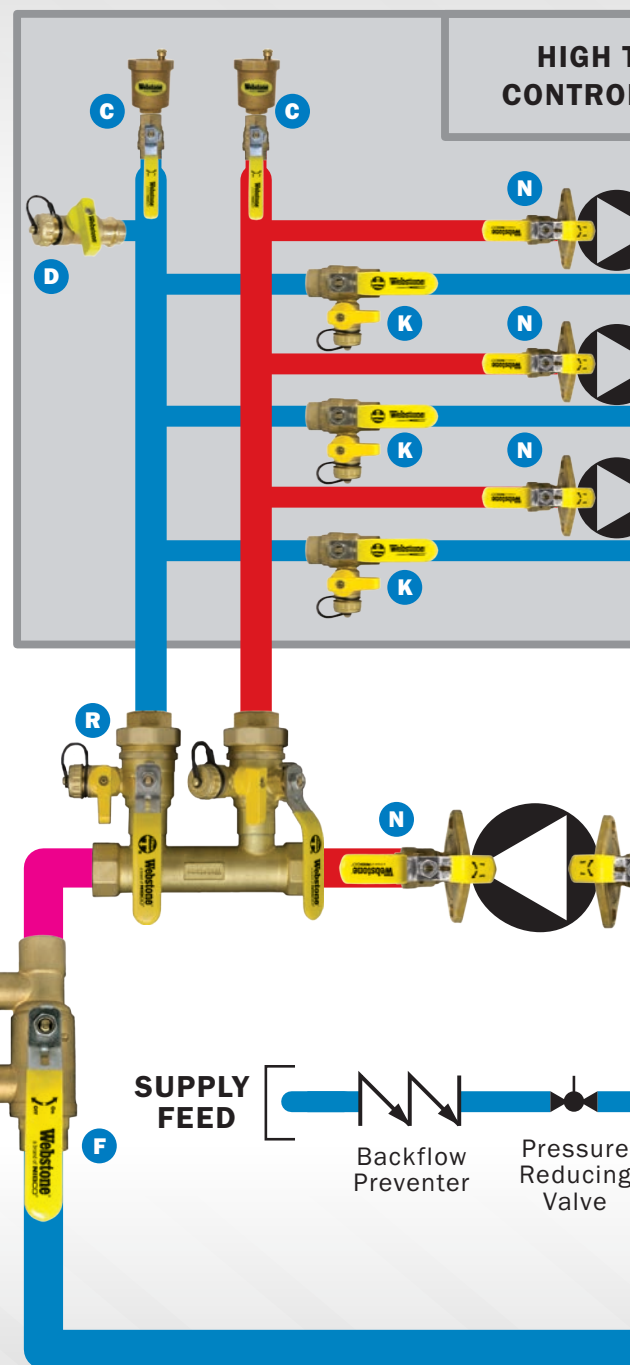
WORK SMARTER

SAVE
50
MINUTES

ELIMINATE
6
LEAK PATHS



WHERE WOULD YOU USE WEBSTONE?
SAVE TIME, SAVE SPACE & SAVE LABOR



L-UNION BALL

PAGE 45



PAGE 18



PAGE 8



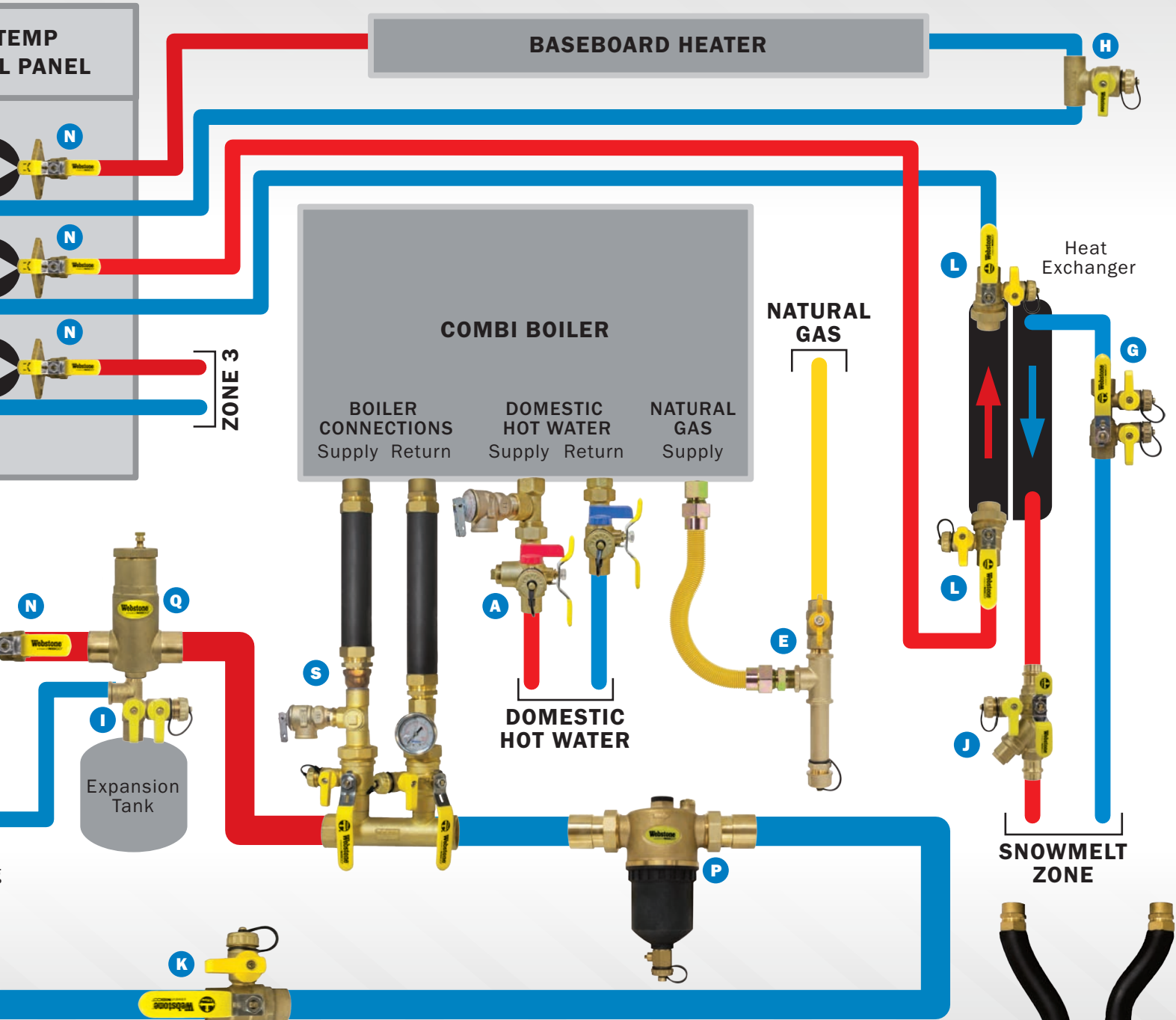
PAGE 56



PAGE 49



PAGE 21



PAGE 38



PAGE 38



PAGE 34



PAGE 29



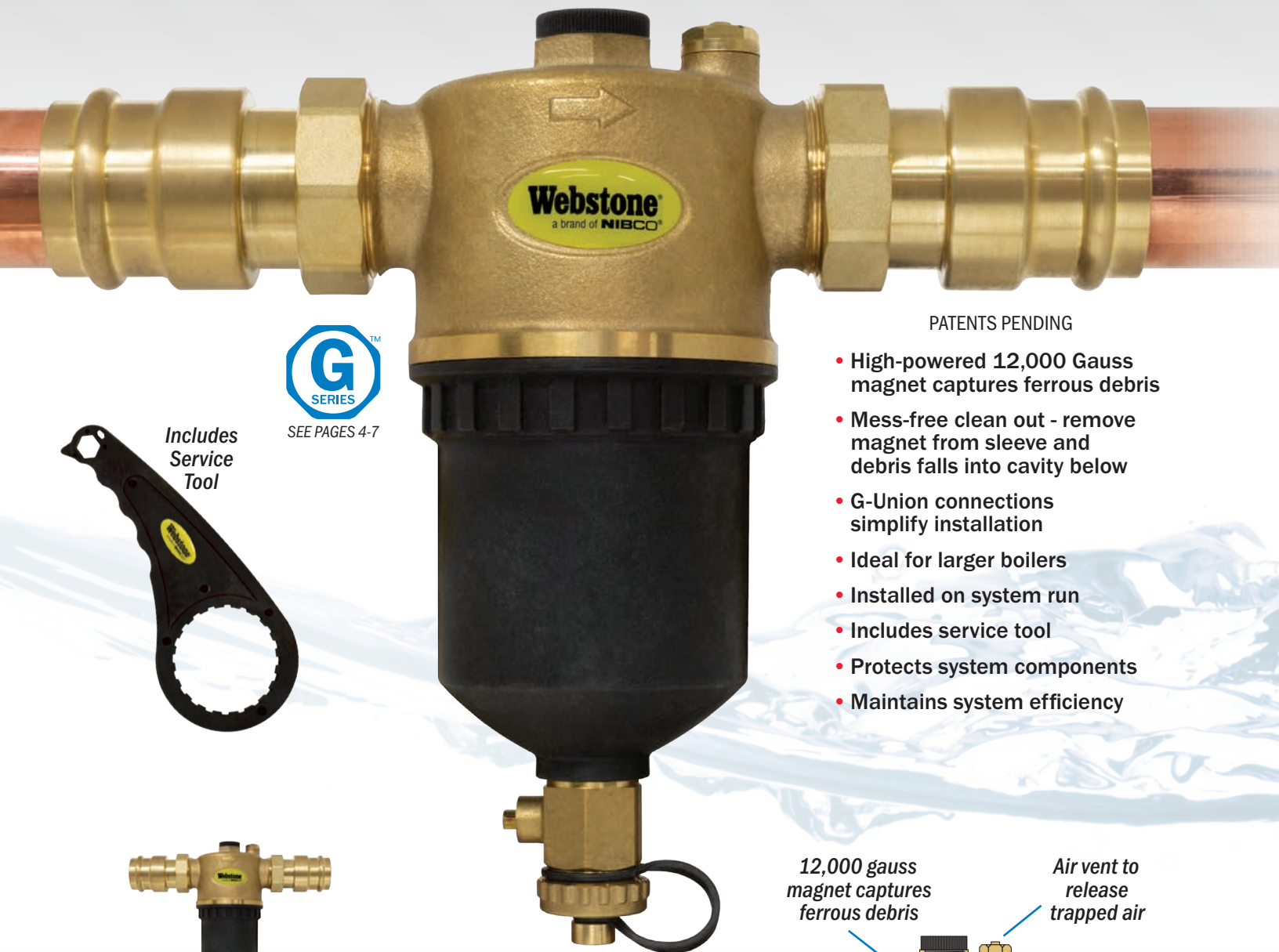
PAGE 23



PAGE 24

MAGNETIC BOILER FILTER *XL*

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



SEE PAGES 4-7

Includes
Service
Tool



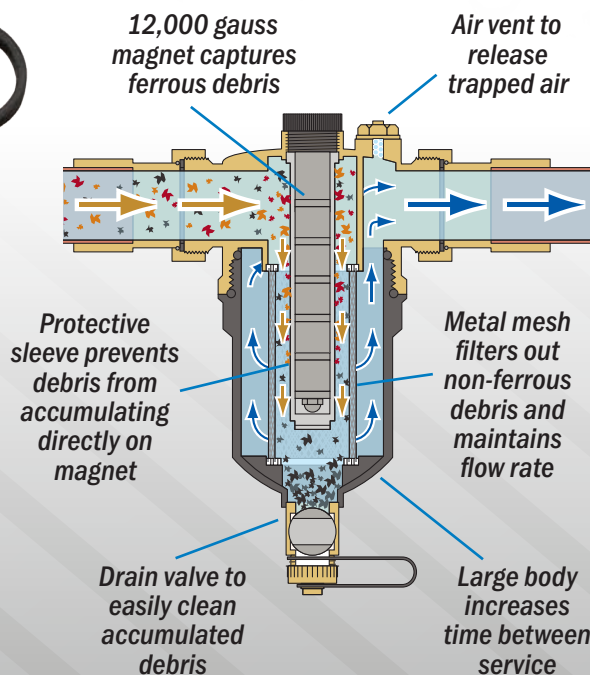
MAGNETIC BOILER FILTER XL

12,000 Gauss Magnet, Integrated Hose Drain Valve, Air Vent & Filter • Includes (2) Union End Connections & Service Tool

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
MIP			
1 1/4"	H-72705	1/4	24
1 1/2"	H-72706	1/4	24
FIP			
1 1/4"	H-74705	1/4	23
1 1/2"	H-74706	1/4	24
SWT			
1 1/4"	H-75705	1/4	21
1 1/2"	H-75706	1/4	23
Press			
1 1/4"	H-78705	1/4	24
1 1/2"	H-78706	1/4	26
BODY ONLY - INSTALL W/ (2) G-UNION FITTINGS			
G-Thread			
1 1/2"	H-70706	1/4	18

PATENTS PENDING

- High-powered 12,000 Gauss magnet captures ferrous debris
- Mess-free clean out - remove magnet from sleeve and debris falls into cavity below
- G-Union connections simplify installation
- Ideal for larger boilers
- Installed on system run
- Includes service tool
- Protects system components
- Maintains system efficiency



MAGNETIC BOILER FILTER

- High-powered 12,000 Gauss magnet captures ferrous debris
- Mess-free clean out - remove magnet from sleeve and debris falls into cavity below
- Universal diverter allows use with any piping orientation
- G-Union connections with or without available isolation valves
- Includes service tool
- Protects system components
- Maintains system efficiency



SEE PAGES 4-7



Includes
Service
Tool

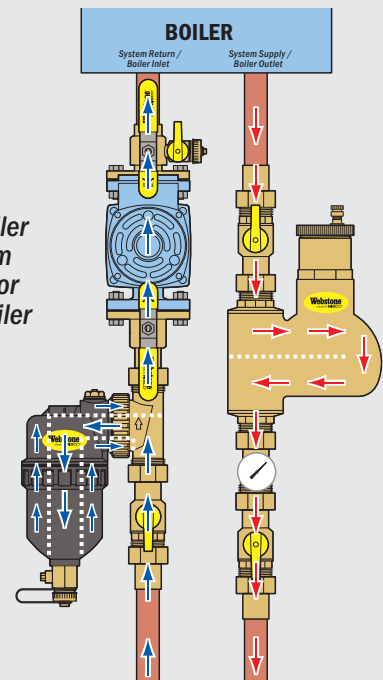


MAGNETIC BOILER FILTER

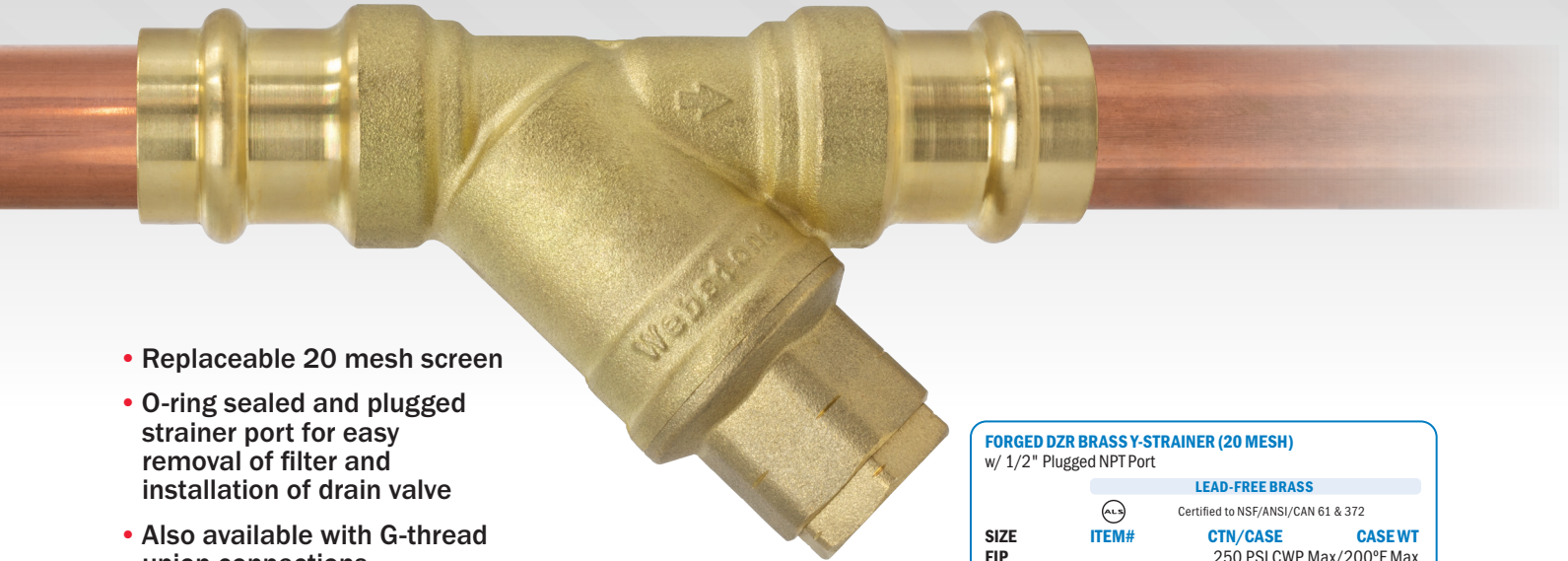
12,000 Gauss Magnet, Diverter, Integrated Hose Drain Valve, Air Vent & Filter Includes (2) Union End Connections & Service Tool

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
FIP		175 PSI CWP Max/250°F Max	
3/4"	H-74703	1/4	11
1"	H-74704	1/4	11
MIP			
3/4"	H-72703	1/4	11
1"	H-72704	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) G-UNION ISOLATION VALVES			
FIP		175 PSI CWP Max/250°F Max	
3/4"	H-74713	1/4	11
1"	H-74714	1/4	11
MIP			
3/4"	H-72713	1/4	11
1"	H-72714	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) G-UNION FITTINGS			
G-Thread			
1"	H-70700	1/4	11

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



Y-STRAINERS



- Replaceable 20 mesh screen
- O-ring sealed and plugged strainer port for easy removal of filter and installation of drain valve
- Also available with G-thread union connections

FORGED DZR BRASS Y-STRAINER (20 MESH)

w/ 1/2" Plugged NPT Port

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASEWT
FIP		250 PSI CWP Max/200°F Max	
1/2"	H-40562W	8/80	40
3/4"	H-40563W	6/60	42
1"	H-40564W	4/40	35
1 1/4"	H-40565W	4/24	35
1 1/2"	H-40566W	2/20	41
2"	H-40567W	2/10	34
SWT		250 PSI CWP Max/200°F Max	
1/2"	H-50562W	8/80	31
3/4"	H-50563W	6/60	37
1"	H-50564W	4/40	32
1 1/4"	H-50565W	4/24	31
1 1/2"	H-50566W	2/20	38
2"	H-50567W	2/8	27
Press		250 PSI CWP Max/200°F Max	
1/2"	H-80562W	12/72	40
3/4"	H-80563W	6/48	38
1"	H-80564W	5/40	38
1 1/4"	H-80565W	4/24	34
1 1/2"	H-80566W	2/12	28
2"	H-80567W	2/8	29

BODY ONLY - INSTALL W/ (2) G-UNION FITTINGS

G-Thread			
1"	H-G0564W	1/18	20
1 1/2"	H-G0566W	1/8	20

**SUITABLE FOR
VERTICAL OR
HORIZONTAL
INSTALLATION**



SEE PAGES 4-7



MESH INSERTS

- Connect a Y-strainer directly to any standard circulator pump
- Rotating flange provides versatility
- 1/2" plugged NPT strainer port for installation of drain valve



- Compatible with H-x056 Y-strainer and H-x156 Ball Drain Strainer
- 20 mesh factory replacement option
- 40 mesh captures finer particles

Y-STRAINER MESH INSERTS

STRAINER SIZE	ITEM#	CTN/CASE	CASEWT
20 MESH			
1/2"	H-LV02490-02	1/120	1
3/4" & 1"	H-LV02489-02	1/120	2
1 1/4"	H-LV02492-02	1/40	1
1 1/2"	H-LV02493-02	1/40	1
2"	H-LV02494-02	1/24	1
40 MESH			
1/2"	H-GX562W-40M	1/120	1
3/4" & 1"	H-GX563W-40M	1/120	2
1 1/4"	H-GX565W-40M	1/40	1
1 1/2"	H-GX566W-40M	1/40	1
2"	H-GX567W-40M	1/24	1

Y-STRAINER W/ROTATING FLANGE

STANDARD BRASS			
SIZE	ITEM#	CTN/CASE	CASEWT
SWT * Rotating Flange			600 PSI CWP Max
1"	H-FSTR4-54	6/24	39
1 1/4"	H-FSTR5-55	6/24	47



- Eliminates assemblies needed to isolate and drain any portion of a piped system
- Integrated Y-strainer saves space and protects system from debris
- Creates cleaner-looking, more efficient installations
- Suitable for vertical or horizontal installation
- Replaceable mesh screen
- O-ring sealed and plugged strainer port for easy removal of filter and installation of drain valve

BALL DRAIN STRAINER

Full Port Forged DZR Brass Ball Valve w/ Hi-Flow Multi-Function Hose Drain, Integral Y-Strainer (20 Mesh), 1/2" Plugged NPT Port & Adjustable Packing Glands

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		250 PSI CWP Max/200°F Max	
1/2"	H-41562W	4/32	35
3/4"	H-41563W	2/24	40
1"	H-41564W	2/20	44
1 1/4"	H-41565W	2/12	42
Press		250 PSI CWP Max/200°F Max	
1/2"	H-81562W	2/24	29
3/4"	H-81563W	2/20	36
1"	H-81564W	2/12	28
1 1/4"	H-81565W	2/8	30

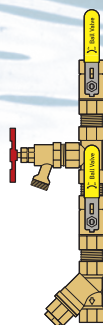
BODY ONLY - INSTALL W/ (2) G-UNION FITTINGS

G-Thread

1"	H-G1564W	1/12	28
1 1/2"	H-G1566W	1/4	20



SEE PAGES 4-7



**WORK
SMARTER**

SAVE
60
MINUTES

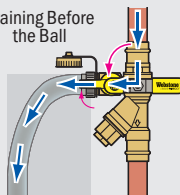
ELIMINATE
7
LEAK PATHS



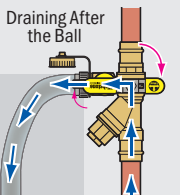
MULTI-FUNCTION

SIMPLIFIES SYSTEM SERVICE

Draining Before
the Ball

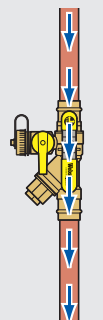


Draining After
the Ball

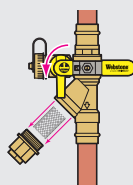


SIMPLIFIES STRAINER SERVICE

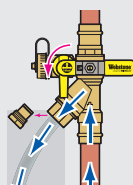
See webstonevalves.com/instructions for full service procedure and important safety information.



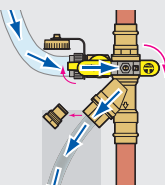
Normal
Operation



Cleaning
Screen



Flushing w/
Reverse Flow



Flushing w/
Fresh Water

SUITABLE FOR VERTICAL OR HORIZONTAL INSTALLATION



The ISOLATOR[®]

UNI-FLANGE BALL VALVE[®]

THE ONLY WAY TO ISOLATE CIRCULATOR PUMPS

PATENTED TECHNOLOGY

The ISOLATOR[®]

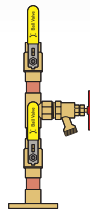
UNI-FLANGE BALL VALVE[®]
with ROTATING FLANGE

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!

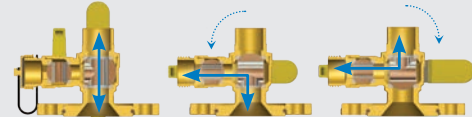
WORK SMARTER

SAVE
60
MINUTES

ELIMINATE
7
LEAK PATHS



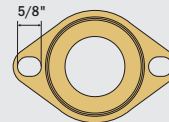
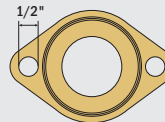
PURGES BEFORE OR AFTER PUMP



TWO FLANGE DESIGN OPTIONS

Also available for high efficiency variable speed pumps - see page 40

ITEM#
1/2" HOLE
FITS
STANDARD
SIZE PUMPS



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

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/CAN 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	2/20	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
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
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

FIP × Rotating Flange					600 PSI CWP Max			
3/4"	H-41413	H-41413HV	1/20	36	H-41413W	H-41413WHV	2/20	35
1"	H-41414	H-41414HV	1/20	43	H-41414W	H-41414WHV	2/20	41
1 1/4"	H-41415	H-41415HV	1/20	54	H-41415W	H-41415WHV	2/10	27
1 1/2"	H-41416	H-41416HV	1/10	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	1/20	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	1/20	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
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
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. 2" ISOLATORS HAVE 1 1/2" PORT.

*ALSO CERTIFIED TO NSF/ANSI 14

WORK SMARTER

SAVE
15
MINUTES

ELIMINATE
2
LEAK PATHS



The ISOLATOR[®]

UNI-FLANGE BALL VALVE[®]

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

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	H-40403HV	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[®]

UNI-FLANGE BALL VALVE[®]

CIRCULATOR PUMP INSTALLATION KIT

Everything but the pump! Kits include your choice of Isolator & Isolator w/ Drain, two full-faced flange gaskets, and two sets of nuts & bolts



ISOLATOR PUMP INSTALLATION KIT

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

STANDARD BRASS					LEAD-FREE BRASS			
					Certified to NSF/ANSI/CAN 61 & 372			
SIZE	ITEM#	HV ITEM#	CTN/CASE	CASE WT	ITEM#	HV ITEM#	CTN/CASE	CASE WT
ISOLATOR 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	-	-	-	-
ISOLATOR W/ ROTATING FLANGE 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
1 1/2"	-	-	-	-	-	H-51416WHVKIT	1/10	67
2"	-	-	-	-	-	H-51417WHVKIT	1/10	69
Press × Rotating Flange 250 PSI CWP Max								
3/4"	-	H-81413HVKIT	1/10	32	-	-	-	-
1"	-	H-81414HVKIT	1/10	39	-	-	-	-
1 1/4"	-	H-81415HVKIT	1/10	52	-	-	-	-

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

**DESIGNED FOR HIGH
EFFICIENCY VARIABLE
SPEED PUMPS**

The ISOLATOR[®]

UNI-FLANGE BALL VALVE[®]
with **ROUND FLANGE**

- Detachable rotating round flange
- Three flange styles compatible with a full range of popular pumps

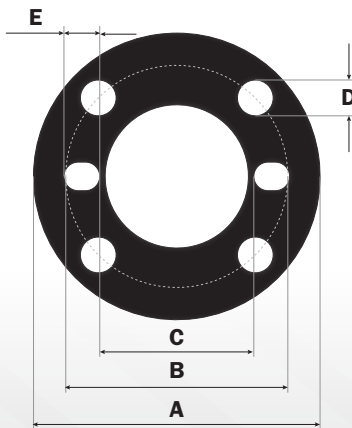


FLANGE DIMENSIONS

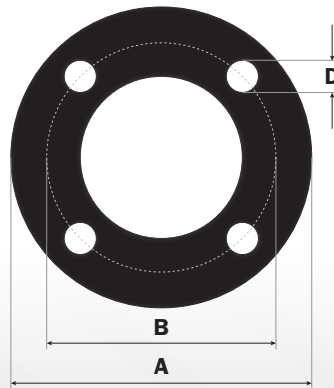
	A	B	C	D	E
RF375	5"	3 7/8"	2 11/16"	5/8"	5/8"
RF400	5 1/4"	4"	-	9/16"	-
RF475	6 1/8"	4 3/4"	4"	-	13/16"



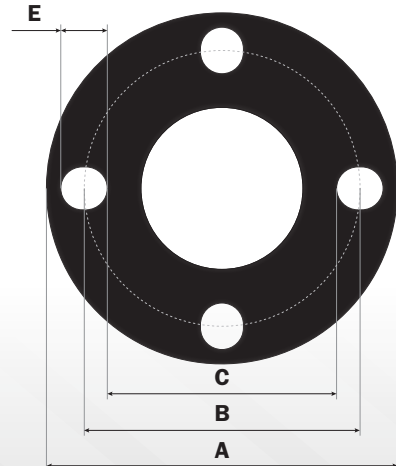
RF375 FLANGE



RF400 FLANGE



RF475 FLANGE



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
SWT × Rotating Flange			600 PSI CWP Max
1 1/2"	H-51406HV-RF375	1/6	22
Press × Rotating Flange			250 PSI CWP Max/250°F Max
1 1/2"	H-81406HV-RF375	1/6	23
W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN			
FIP × Rotating Flange			600 PSI CWP Max
1 1/2"	H-41416HV-RF375	1/6	26
SWT × Rotating Flange			600 PSI CWP Max
1 1/2"	H-51416HV-RF375	1/6	26
Press × Rotating Flange			250 PSI CWP Max/250°F Max
1 1/2"	H-81416HV-RF375	1/6	27

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
2"	H-41407HV-RF400	1/6	30
SWT × Rotating Flange			600 PSI CWP Max
2"	H-51407HV-RF400	1/6	32
Press × Rotating Flange			250 PSI CWP Max/250°F Max
2"	H-81407HV-RF400	1/6	33
W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN			
FIP × Rotating Flange			600 PSI CWP Max
2"	H-41417HV-RF400	1/6	37
SWT × Rotating Flange			600 PSI CWP Max
2"	H-51417HV-RF400	1/6	38
Press × Rotating Flange			250 PSI CWP Max/250°F Max
2"	H-81417HV-RF400	1/6	38

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
2"	H-41407HV-RF475	1/6	31
SWT × Rotating Flange			600 PSI CWP Max
2"	H-51407HV-RF475	1/6	33
Press × Rotating Flange			250 PSI CWP Max/250°F Max
2"	H-81407HV-RF475	1/6	34
W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN			
FIP × Rotating Flange			600 PSI CWP Max
2"	H-41417HV-RF475	1/6	38
SWT × Rotating Flange			600 PSI CWP Max
2"	H-51417HV-RF475	1/6	39
Press × Rotating Flange			250 PSI CWP Max/250°F Max
2"	H-81417HV-RF475	1/6	41



The ISOLATOR[®]

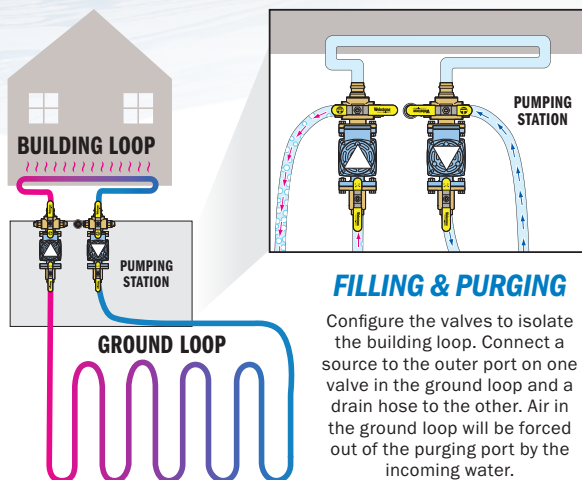
UNI-FLANGE BALL VALVE[®]

SELECT[™]

WITH 4-WAY
SELECTABLE
FLOW PATH

- 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

2-PUMP GEOTHERMAL SYSTEM OVERVIEW



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

DOUBLE FLANGED CHECK VALVE

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!
- Outfitted with slotted bolt holes that fit both standard and high velocity pumps
- Replacement check assemblies available



SNUG-FIT ROTATING FLANGE



SECTION REMOVED TO SHOW INTERNAL CONSTRUCTION

ISOLATOR DOUBLE FLANGED CHECK

Forged Brass Check Valve w/ Rotating Flange • Includes One Set of Mounting Bolts & 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



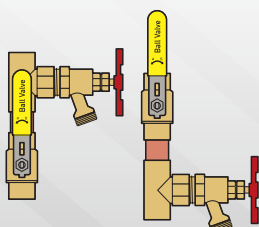


STEP SAVING VALVES FOR THE PROFESSIONAL

PATENTED TECHNOLOGY

BALL DRAIN™

- 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



Draining from Above Ball

Draining from Below Ball

WORK SMARTER

SAVE
25
MINUTES

ELIMINATE
3
LEAK PATHS

PRO-PAL BALL DRAIN

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

STANDARD BRASS

SIZE FIP	ITEM#	CTN/CASE	CASE WT
1/2"	H-40612	6/36	32
3/4"	H-40613	6/36	40
1"	H-40614	4/24	39
1 1/4"	H-40615	2/12	27
1 1/2"	H-40616	2/12	37
2"	H-40617	1/6	29
SWT			
1/2"	H-50612	6/36	29
3/4"	H-50613	6/36	39
1"	H-50614	4/24	38
1 1/4"	H-50615	2/12	27
1 1/2"	H-50616	2/12	41
2"	H-50617	1/6	32
SWT × FIP			
1/2"	H-54612	6/36	30
3/4"	H-54613	6/36	40
1"	H-54614	4/24	37
Press			
1/2"	H-80612	4/40	39
3/4"	H-80613	4/32	40
1"	H-80614	2/20	35
1 1/4"	H-80615	2/16	43
1 1/2"	H-80616	1/8	29
2"	H-80617	1/6	34
Press × FIP			
3/4"	H-84613	4/32	37
1"	H-84614	2/20	33
Press × F1960 PEX*			
1/2"	-	-	-
3/4"	-	-	-
1"	-	-	-
1 1/4"	-	-	-
1 1/2"	-	-	-
2"	-	-	-
Press × F1807 PEX*			
1/2"	-	-	-
3/4"	-	-	-
1"	-	-	-
1 1/4"	-	-	-
1 1/2"	-	-	-
2"	-	-	-
F1960 PEX*			
1/2"	-	-	-
3/4"	-	-	-
1"	-	-	-
1 1/4"	-	-	-
1 1/2"	-	-	-
2"	-	-	-
F1807 PEX*			
1/2"	-	-	-
3/4"	-	-	-
1"	-	-	-
1 1/4"	-	-	-
1 1/2"	-	-	-
2"	-	-	-

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372



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



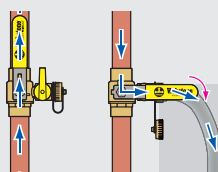
CERTIFIED TO NSF/ANSI 61 & 372, NSF/ANSI 14

T-Flow Ball



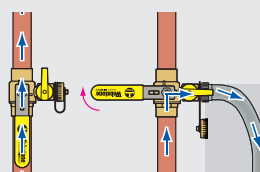
Adjustable stem directs flow into the hi-flow hose drain from either side of the ball

DRAINING FROM AFTER BALL



Normal Operation System Purging

DRAINING FROM BEFORE BALL



Normal Operation System Purging





SAVE SPACE IN THE FIELD AND IN THE TRUCK

- Create over 250 different combinations from a single G-Series Ball Drain body
- Connect different piping types and sizes, right at the valve, without the need for additional adapters
- Save trips to the supply house and create niche configurations on the fly



G-SERIES BALL DRAIN

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

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
BODY ONLY - INSTALL W/ (1) G-UNION FITTING			
G-Thread × Press			
		200 PSI CWP Max/200°F Max	
1"	H-G-80614W	1/8	18
1" × 1/2"	H-G-80612W	1/16	24
1" × 3/4"	H-G-80613W	1/16	28
1 1/2"	H-G-80616W	1/4	19
1 1/2" × 1 1/4"	H-G-80616W-R	1/8	29
2"	H-G-80617W	1/4	27



SEE PAGES 4-7



G-SERIES BALL DRAIN

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

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
BODY ONLY - INSTALL W/ (2) G-UNION FITTINGS			
G-Thread			
		200 PSI CWP Max/200°F Max	
1"	H-G0614W	1/16	26
1 1/2"	H-G0616W	1/6	22
1 1/2" × 1"	H-G0616W-R	1/12	21
2"	H-G0617W	1/4	21
2" × 1 1/2"	H-G0617W-R	1/6	21



SEE PAGES 4-7



UNION BALL DRAIN™

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

PRO-PAL UNION BALL DRAIN

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

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP			
3/4"	H-40433	6/24	41
1"	H-40434	4/16	36
1 1/4"	H-40435	2/12	40
1 1/2"	H-40436	2/12	56
FIP Union × SWT			
3/4"	H-50433	6/24	40
1"	H-50434	4/16	36
1 1/4"	H-50435	2/12	38
1 1/2"	H-50436	2/12	56

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

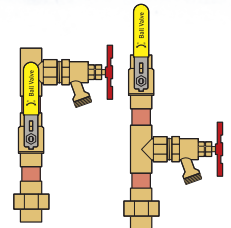
ITEM#	CTN/CASE	CASE WT
600 PSI CWP Max/350°F Max		
H-40433W	6/24	40
H-40434W	4/16	36
H-40435W	2/12	38
H-40436W	2/8	38
600 PSI CWP Max/250°F Max		
H-50433W	6/24	39
H-50434W	4/16	31
H-50435W	2/12	38
H-50436W	2/8	38

FIP Union × Press			
		250 PSI CWP Max/250°F Max	
3/4"	-	-	-
1"	-	-	-
1 1/4"	-	-	-
1 1/2"	-	-	-

FIP Union × F1960 PEX*			
		250 PSI CWP Max/200°F Max	
1/2"	-	-	-
3/4"	-	-	-
1"	-	-	-
1 1/4"	-	-	-
1 1/2"	-	-	-
2"	-	-	-

FIP Union × F1807 PEX*			
		250 PSI CWP Max/200°F Max	
1/2"	-	-	-
3/4"	-	-	-
1"	-	-	-
1 1/4"	-	-	-
1 1/2"	-	-	-
2"	-	-	-

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



Draining from Above Ball

Draining from Below Ball

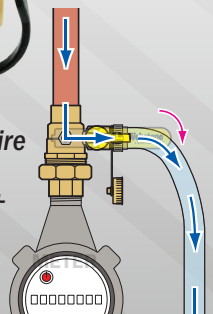
WORK SMARTER

SAVE
25
MINUTES

ELIMINATE
3
LEAK PATHS



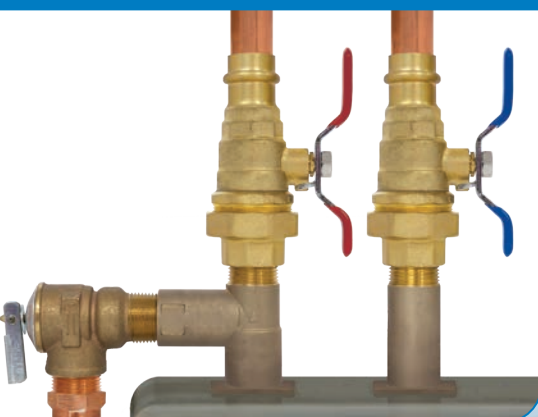
Winterize an entire building with simple quarter-turn actions



ALSO AVAILABLE

TWH SERVICE VALVES
E·X·P
UNION BALL

Ideal for tanked and
next-gen tankless water
heater connections -
See Page 19



UNION BALL™

- Easily disconnect and replace any portion of a piped system

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

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Union × FIP 250 PSI CWP Max/200°F Max			
1/2"	H-40422W	5/40	35
3/4"	H-40423W	4/32	41
1"	H-40424W	4/20	37
1 1/4"	H-40425W	4/12	34
1 1/2"	H-40426W	2/8	32
FIP Union × SWT 250 PSI CWP Max/200°F Max			
1/2"	H-50422W	5/40	33
3/4"	H-50423W	4/32	40
1"	H-50424W	4/20	36
1 1/4"	H-50425W	4/12	33
1 1/2"	H-50426W	2/8	31
FIP Union × Press 250 PSI CWP Max/200°F Max			
1/2"	H-80422W	5/40	37
3/4"	H-80423W	4/32	43
1"	H-80424W	4/20	34
1 1/4"	H-80425W	4/12	35
1 1/2"	H-80426W	2/8	33
FIP Union × Push 200 PSI CWP Max/200°F Max			
1/2"	H-60422W*	5/40	34
3/4"	H-60423W*	4/32	38
1"	H-60424W*	4/20	38
FIP Union × 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 × 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

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

† CERTIFIED TO NSF/ANSI 61 & 372, NSF/ANSI 14



WORK SMARTER

SAVE
15
MINUTES

ELIMINATE
2
LEAK PATHS

T-UNION BALL DRAIN™

- Ideal for branch connections and shutoffs in tight locations
- Dual stem seal design incorporates both an O-ring and PTFE packing with adjustable packing gland for extra leak protection



Exclusive
adjustable
flow path
allows for
draining from
either side
of the ball

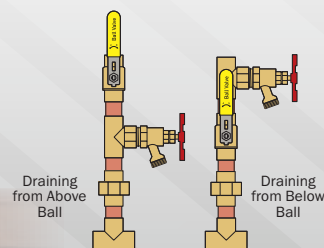
PRO-PAL T-UNION BALL DRAIN

Full Port Forged DZR Brass Ball Valve w/ Union Tee, Hi-Flow Hose Drain, Reversible Handle & Dual Stem Seal Design

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
Press Valve × Press Run 250 PSI CWP Max/200°F Max			
3/4" × 1 1/4"	H-80633W-T114	1/12	28
1" × 1 1/4"	H-80634W-T114	1/8	24
1" × 1 1/2"	H-80634W-T112	1/8	26
1 1/4" × 1 1/2"	H-80635W-T112	1/6	23



WORK SMARTER

SAVE
60
MINUTES

ELIMINATE
2
LEAK PATHS



T-UNION BALL™

WORK
SMARTER

SAVE
35
MINUTES

ELIMINATE
4
LEAK PATHS



- Ideal for branch connections and shutoffs in tight locations
- Integrated union fitting adds versatility and simplifies installation
- Dual stem seal design incorporates both an O-ring and PTFE packing with adjustable packing gland for extra leak protection

PRO-PAL T-UNION BALL

Full Port Forged DZR Brass Ball Valve w/
Union Tee & Dual Stem Seal Design

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
Press Valve × Press Run		250 PSI CWP Max/200°F Max	
1/2"	H-83712W	5/40	33
3/4"	H-83713W	5/30	39
3/4" × 1 1/4"	H-83713W-T114	2/16	31
1"	H-83714W	4/16	35
1" × 1 1/4"	H-83714W-T114	2/8	21
1" × 1 1/2"	H-83714W-T112	2/8	23
1 1/4" × 1 1/2"	H-83715W-T112	2/8	29

LEVER HANDLE ON H-83715W-T112

L-UNION BALL™

WORK
SMARTER

SAVE
35
MINUTES

ELIMINATE
4
LEAK PATHS



- Ideal for shutoffs in tight locations
- Integrated union fitting adds versatility and simplifies installation
- Dual stem seal design incorporates both an O-ring and PTFE packing with adjustable packing gland for extra leak protection

PRO-PAL L-UNION BALL

Full Port Forged DZR Brass Ball Valve w/ 90°
Union Elbow & Dual Stem Seal Design

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
Press		250 PSI CWP Max/200°F Max	
1/2"	H-82712W	5/40	31
3/4"	H-82713W	5/30	36
1"	H-82714W	4/16	32

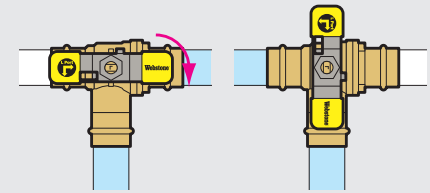
3-WAY L-PORT BALL VALVE

- Divert or select fluids based on application needs
- Dual stem seal design incorporates both an O-ring and PTFE packing with adjustable packing gland for extra leak protection



90° HANDLE OPERATION

Ideal for use as a diverter or selector valve



WORK SMARTER

SAVE
35
MINUTES

ELIMINATE
4
LEAK PATHS



PRO-PAL 3-WAY L-PORT BALL VALVE

Forged DZR Brass Ball Valve w/ Dual Stem Seal Design

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASEWT
Press		250 PSI CWP Max/200°F Max	
1/2"	H-80642W	6/36	20
3/4"	H-80643W	6/36	33
1"	H-80644W	4/24	34
1 1/4"	H-80645W	2/12	30
1 1/2"	H-80646W	2/8	29
2"	H-80647W	1/6	39

LEVER HANDLE ON SIZES 1 1/4" - 2"



3-WAY T-FLOW BALL VALVE

- Divert, select, or mix fluids based on application needs
- Dual stem seal design incorporates both an O-ring and PTFE packing with adjustable packing gland for extra leak protection

PRO-PAL 3-WAY T-FLOW BALL VALVE

Forged DZR Brass Ball Valve w/ Dual Stem Seal Design

LEAD-FREE BRASS

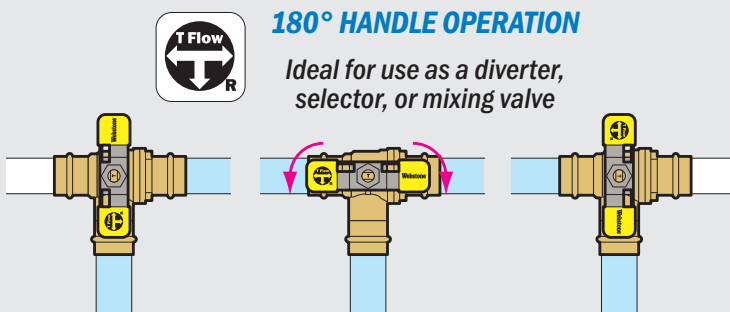
Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASEWT
Press		250 PSI CWP Max/200°F Max	
1/2"	H-80742W	6/36	20
3/4"	H-80743W	6/36	31
1"	H-80744W	4/24	33
1 1/4"	H-80745W	2/12	29
1 1/2"	H-80746W	2/8	28
2"	H-80747W	1/6	37

LEVER HANDLE ON SIZES 1 1/4" - 2"

180° HANDLE OPERATION

Ideal for use as a diverter, selector, or mixing valve



WORK SMARTER

SAVE
35
MINUTES

ELIMINATE
4
LEAK PATHS



T-VALVE™

TWO DESIGNS COVER A WIDE RANGE OF APPLICATIONS

- Ideal for branch or device connections in tight locations
- Lead-free DZR brass construction
- Replaces multiple components
- Saves labor, space, and leak paths
- Adjustable packing gland
- Reversible handle on select models

COMPRESSION OPTION
PERFECT FOR HUMIDIFIERS
AND ICE MAKERS



WORK SMARTER

SAVE
15
MINUTES

ELIMINATE
2
LEAK PATHS

PRO-PALT-VALVE

Forged DZR Brass Ball Valve w/ Integrated Tee Fitting, Adjustable Packing Gland

LEAD-FREE BRASS



Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
OD Comp Valve × Press Run 125 PSI CWP Max/150°F Max			
1/4" × 1/2"	H-80670W-T12	8/96	40
1/4" × 3/4"	H-80670W-T34	6/48	26
3/8" × 1/2"	H-80671W-T12	8/96	38
3/8" × 3/4"	H-80671W-T34	6/48	25
OD Comp Valve × Push Run			
1/4" × 1/2"	H-60670W-T12	8/96	30
1/4" × 3/4"	H-60670W-T34	6/48	20
3/8" × 1/2"	H-60671W-T12	8/96	30
3/8" × 3/4"	H-60671W-T34	6/48	19
OD Comp Valve × F1807 PEX Run			
3/8" × 1/2"	H-10671W-T12	8/96	26
3/8" × 3/4"	H-10671W-T34	8/96	25
OD Comp Valve × F1960 PEX Run			
3/8" × 1/2"	H-30671W-T12	8/96	28
3/8" × 3/4"	H-30671W-T34	6/48	18



- Lead-free full port forged DZR brass construction
- Replaces multiple components
- Saves labor, space, and leak paths
- Adjustable packing gland
- Reversible handles
- Available G-Series models for a custom installation

FULL-PORT OPTION
IDEAL FOR EXPANSION
TANK AND RETURN
HEADER CONNECTIONS

PRO-PALT-VALVE

Full Port Forged DZR Brass Ball Valve w/ Integrated Tee Fitting, Adjustable Packing Gland, & Reversible Handle

LEAD-FREE BRASS



Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP Valve × Press Run 250 PSI CWP/250°F Max			
1/2"	H-82672W	4/40	23
1/2" × 3/4"	H-82672W-T34	4/16	16
3/4"	H-82673W	4/16	16
3/4" × 1/2"	H-82673W-T12	4/40	34
1"	H-82674W	2/16	26
1" × 1 1/4"	H-82674W-T114	2/16	30
1 1/4"	H-82675W	2/16	39
BODY ONLY • INSTALL W/ (3) G-UNION FITTINGS			
G-Thread Valve × G-Thread Run 200 PSI CWP/200°F Max			
1"	H-G7674W	1/12	22
1" × 1 1/2"	H-G7674W-T112	1/12	30
1 1/2"	H-G7676W	1/8	30



SEE PAGES 4-7

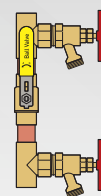
PURGE & FILL™

- 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

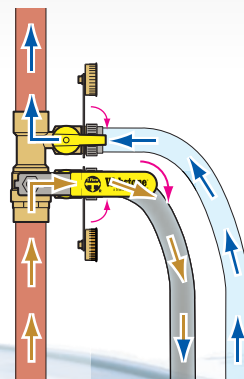
WORK SMARTER

SAVE
50
MINUTES

ELIMINATE
6
LEAK PATHS



SIMULTANEOUSLY DRAIN, FLUSH & FILL



PRO-PAL PURGE & FILL

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

SIZE FIP	ITEM#	STANDARD BRASS	
		CTN/CASE	CASE WT
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
SWT		600 PSI CWP Max	
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
Press		250 PSI CWP Max/250°F Max	
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

T-DRAIN™

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

PRO-PAL T-DRAIN

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

LEAD-FREE BRASS



Certified to NSF/ANSI/CAN 61 & 372

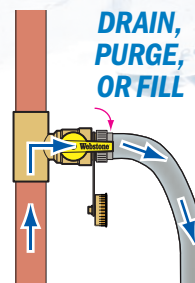
SIZE SWT	ITEM#	CTN/CASE	CASE WT
600 PSI CWP Max/250°F Max			
1/2"	H-50672W	8/80	42
3/4"	H-50673W	6/48	39
1"	H-50674W	4/40	36
1 1/4"	H-50675W	4/40	43
1 1/2"	H-50676W	2/24	34
2"	H-50677W	2/20	34
Press 250 PSI CWP Max/250°F Max			
1/2"	H-80672W	4/40	25
3/4"	H-80673W	4/16	16
1"	H-80674W	4/16	18
1 1/4"	H-80675W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



WORK SMARTER

SAVE
5
MINUTES

ELIMINATE
4
LEAK PATHS



ADD-A-GAUGE

TO ANY STANDARD HOSE
CONNECTION IN JUST MINUTES

- Suitable for temporary or permanent gauge installation
- Utilize any hose connection as a gauge port

PRO-PAL ADD-A-GAUGE

Forged Brass Hose Fitting w/ 1/8" Bleeder (Capped) •
For Connection to Temperature/Pressure Gauge

LEAD-FREE BRASS			
SIZE	ITEM#	CTN/CASE	CASE WT
Hose x FIP Union			
3/4" x 1/2"	H-30000W-TP	10/100	27





ADD-A-DRAIN™

- Add a hose connection to appliances or the end of any line
- Hi-flow, quarter-turn alternative to traditional boiler drains
- Straight design for more convenient service access
- Compact handle saves space
- Lead-free forged DZR brass suitable for hydronic or potable applications
- Connections up to 1 1/2" cover a broad range of applications



SEE PAGES 4-7

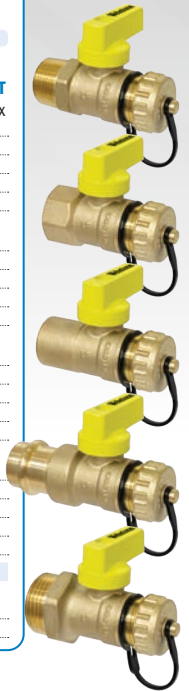
PRO-PAL ADD-A-DRAIN

Hi-Flow Forged DZR Brass Ball Valve, w/ Cap & Strap
& Adjustable Packing Gland

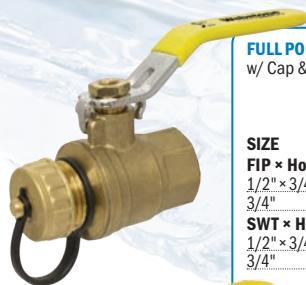
LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
MIP x Hose			
250 PSI CWP Max/250°F Max			
1/2" x 3/4"	H-20302W	12/72	31
3/4" x 3/4"	H-20303W	12/72	36
1" x 3/4"	H-20304W	8/64	39
1 1/4" x 3/4"	H-20305W	6/48	33
1 1/2" x 3/4"	H-20306W	6/36	36
FIP x Hose			
1/2" x 3/4"	H-40302W	12/72	31
3/4" x 3/4"	H-40303W	12/72	33
1" x 3/4"	H-40304W	8/64	36
1 1/4" x 3/4"	H-40305W	6/48	38
1 1/2" x 3/4"	H-40306W	6/36	34
SWT x Hose			
1/2" x 3/4"	H-50302W	12/72	27
3/4" x 3/4"	H-50303W	12/72	31
1" x 3/4"	H-50304W	8/64	31
1 1/4" x 3/4"	H-50305W	6/48	36
1 1/2" x 3/4"	H-50306W	6/36	33
Press x Hose			
1/2" x 3/4"	H-80302W	12/72	33
3/4" x 3/4"	H-80303W	12/72	38
1" x 3/4"	H-80304W	8/64	37
1 1/4" x 3/4"	H-80305W	6/48	38
1 1/2" x 3/4"	H-80306W	6/36	38
BODY ONLY • INSTALL W/ (1) G-UNION FITTING			
G-Thread x Hose			
1" x 3/4"	H-G0304W	8/64	36
1 1/2" x 3/4"	H-G0306W	6/36	34



HOSE DRAIN VALVES



FULL PORT FORGED BRASS BALL VALVE

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61

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/CAN 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



FULL FLOW FORGED BRASS SILLCOCK

Nickel-Plated w/ 1/4 Turn Handle

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



FORGED BRASS HOSE BIBB

w/ Ball Valve Action



LEAD-FREE BRASS

Certified to NSF/ANSI 61

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

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

FORGED BRASS SILLCOCK

Nickel-Plated w/ 1/4 Turn Handle

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

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



CHECK VALVES



PRO-PAL BALL CHECK

Forged DZR Brass Valve w/ Integrated Spring Check Valve, Reversible Handle & Dual Stem Seal Design

LEAD-FREE BRASS

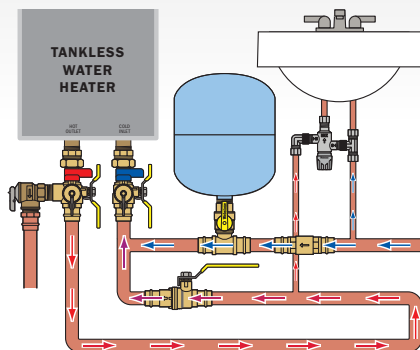
Certified to NSF/ANSI 61 & 372 - Complies with IAPMO/ANSI Z1157

SIZE	ITEM#	CTN/CASE	CASE WT
Press		250 PSI CWP Max/250°F Max	
1/2"	H-80692W	6/24	13
3/4"	H-80693W	6/24	22
1"	H-80694W	4/16	24
1 1/4"	H-80695W	2/8	18
1 1/2"	H-80696W	2/8	26

PRO-PAL
SERIES

BALL CHECK™

- Ball valve with integral spring check saves labor, space, and leak paths
- Reversible handle for additional flexibility
- Dual stem seal design for added protection



SERVICEABLE DESIGN CHECK VALVE

- Dual-union ends allow easy removal for service
- Lead-free forged DZR brass
- Stainless steel spring
- Choice of six end connection styles



SEE PAGES 4-7

FORGED DZR BRASS IN-LINE SPRING CHECK VALVE

Serviceable Design w/ Dual Union Ends, Stainless Steel Spring • Soft Seat

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
MIP		200 PSI CWP Max/200°F Max	
1/2"	H-10822W	1/24	12
3/4"	H-10823W	1/24	12
1"	H-10824W	1/24	18
1 1/4"	H-10825W	1/12	16
1 1/2"	H-10826W	1/12	19
FIP			
1/2"	H-10842W	1/24	12
3/4"	H-10843W	1/24	12
1"	H-10844W	1/24	18
1 1/4"	H-10845W	1/12	16
1 1/2"	H-10846W	1/12	19
SWT			
1/2"	H-10852W	1/24	32
3/4"	H-10853W	1/24	33
1"	H-10854W	1/24	37
1 1/4"	H-10855W	1/12	29
1 1/2"	H-10856W	1/12	34
Press			
1/2"	H-10882W	1/24	34
3/4"	H-10883W	1/24	37
1"	H-10884W	1/24	37
1 1/4"	H-10885W	1/12	35
1 1/2"	H-10886W	1/12	42
F1960 PEX			
1/2"	H-10832W	1/24	31
3/4"	H-10833W	1/24	32
1"	H-10834W	1/24	22
F1807 PEX			
1/2"	H-10812W	1/24	34
3/4"	H-10813W	1/24	35
1"	H-10814W	1/24	22
BODY ONLY - INSTALL W/ (2) G-UNION FITTINGS			
G-Thread			
1"	H-10864W	1/24	22
1 1/2"	H-10866W	1/12	20

FORGED DZR BRASS IN-LINE SPRING CHECK VALVE

Stainless Steel Spring • Soft Seat

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 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
Press		200 PSI CWP Max/250°F Max	
1/2"	H-10782W	10/60	37
3/4"	H-10783W	10/40	33
1"	H-10784W	6/24	31
1 1/4"	H-10785W	6/12	25
1 1/2"	H-10786W	6/12	32
2"	H-10787W	1/6	23
F1960 PEX		200 PSI CWP Max/250°F Max	
1/2"	H-10732W	10/100	33
3/4"	H-10733W	10/60	32
1"	H-10734W	10/40	34
1 1/4"	H-10735W	6/24	26
F1807 PEX		200 PSI CWP Max/250°F Max	
1/2"	H-10712W	10/100	31
3/4"	H-10713W	10/60	20
1"	H-10714W	10/40	20
1 1/4"	H-10715W	6/24	19



PRO-CONNECT
PROPUSH

FOR USE
W/ COPPER,
CPVC, & PEX

PROPUSH IN-LINE SPRING CHECK VALVE

Forged DZR Brass Fitting

LEAD-FREE BRASS

Certified to NSF/ANSI 61, ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push		200 PSI CWP Max/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



FORGED BRASS SWING CHECK VALVE

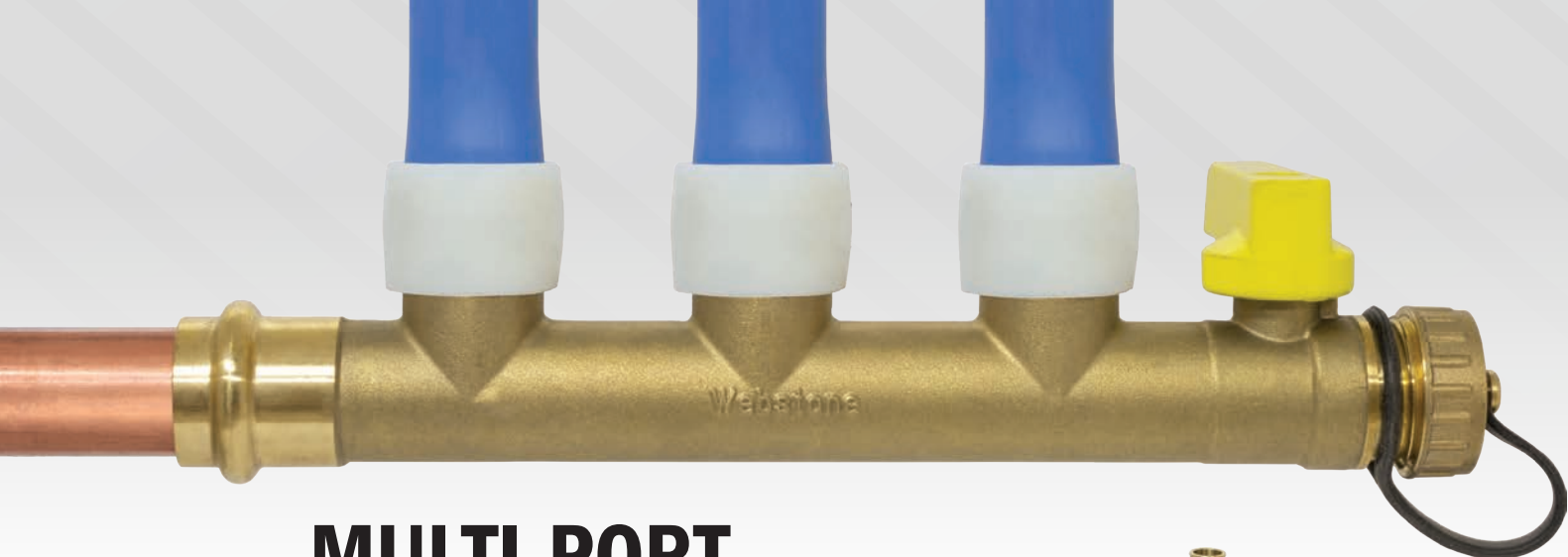
Hard Seat

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
FIP		200 PSI CWP MAX/125 WSP	
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
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





MULTI-PORT TRANSITION TEES

PATENTED TECHNOLOGY

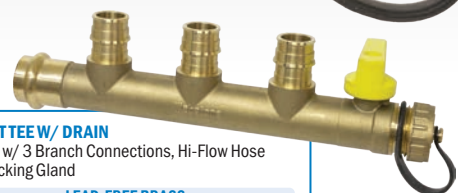
- Eliminates installing gangs of tees
- Conveniently drain a system run and branches, or terminate the line
- Compact design is suitable for a variety of water distribution needs
- Durable heavy-duty forged DZR brass construction
- Press run with your choice of PEX connections

PRESS PORT PLUG
QUICKLY TERMINATES
A PRESS END



PRESS PORT PLUG

SIZE	LEAD-FREE BRASS	
	ITEM#	CTN/CASE
3/4"	H-86603W	BULK/120
1"	H-86604W	BULK/120



PRO-PAL MULTI-PORT TEE W/ DRAIN

Forged DZR Brass Tee, w/ 3 Branch Connections, Hi-Flow Hose Drain & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, NSF/ANSI 14, CSA B137.5 - IGC 319, PS117

SIZE	ITEM#	CTN/CASE	CASE WT
Press Run x F1960 PEX			
3/4" x 3/4"	H-86373W	4/24	28
3/4" x 1/2"	H-86373W-R	4/24	28
1" x 3/4"	H-86374W-R	4/24	33
Press Run x F1807 PEX			
3/4" x 3/4"	H-86173W	4/24	27
3/4" x 1/2"	H-86173W-R	4/24	27
1" x 3/4"	H-86174W-R	4/24	33



PRO-PAL MULTI-PORT TEE

Forged DZR Brass Tee, w/ 3 Branch Connections & Press Port Plug

LEAD-FREE BRASS

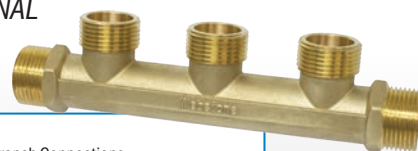
Certified to NSF/ANSI 61 & 372, NSF/ANSI 14, CSA B137.5 - IGC 319, PS117

SIZE	ITEM#	CTN/CASE	CASE WT
Press Run x F1960 PEX			
3/4" x 3/4"	H-86363W	4/24	23
3/4" x 1/2"	H-86363W-R	4/24	23
1" x 3/4"	H-86364W-R	4/24	28
Press Run x F1807 PEX			
3/4" x 3/4"	H-86163W	4/24	21
3/4" x 1/2"	H-86163W-R	4/24	22
1" x 3/4"	H-86164W-R	4/24	26

G-SERIES OPTION ELIMINATES ADDITIONAL ADAPTERS TO CONNECT DIFFERENT PIPING MATERIALS AND SIZES



SEE PAGES 4-7



G-SERIES MULTI-PORT TEE

Forged DZR Brass Tee, w/ 3 Branch Connections • Requires (5) G-Union Fittings (Sold Separately)

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G-Thread			
1"	H-G6G64W	4/24	33

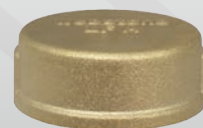
G-SERIES END CAP

Forged DZR Brass

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

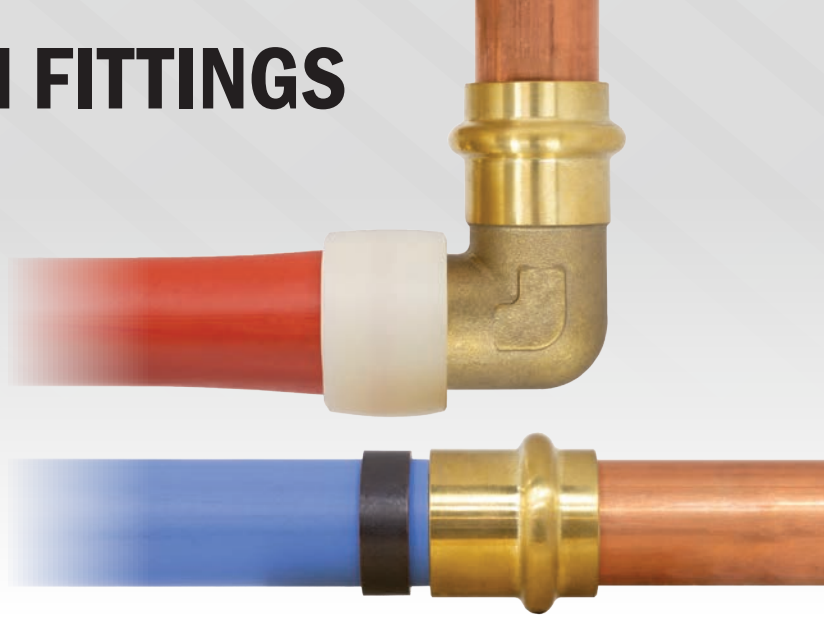
SIZE	ITEM#	CTN/CASE
G-Thread		
1"	H-7-B604W	15/150
1 1/2"	H-7-B606W	10/100
2"	H-7-B607W	8/80



G-SERIES END CAP
TERMINATES RUN OR
RESERVES PORTS FOR
FUTURE NEEDS

TRANSITION FITTINGS

- Lead-free brass construction
- Eliminate multiple fittings and adapters
- Save space and eliminate leak paths
- Press connections compatible with popular press tools
- PEX connections available with F1960 Cold Expansion or F1807 Crimp/Clamp connections
- FIP and MIP connections easily transition between copper and threaded pipe



FORGED DZR BRASS 90° TRANSITION ELBOW

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, NSF/ANSI 14, CSA B137.5 - IGC 319, PS117

SIZE	ITEM#	CTN/CASE	CASE WT
Press × F1960 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-36842W	32/128	21
3/4"	H-36843W	32/128	35
3/4" × 1/2"	H-36843W-R	32/128	22
3/4" × 5/8"	H-36843W-R58	32/128	31
3/4" × 1"	H-36844W-RX	32/128	36
1"	H-36844W	32/128	63
1" × 3/4"	H-36844W-R	32/128	41
1 1/4"	H-36845W	18/54	40
1 1/2"	H-36846W	18/54	50
2"	H-36847W	8/16	28
Press × F1807 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-16842W	32/128	14
3/4"	H-16843W	32/128	25
3/4" × 1/2"	H-16843W-R	32/128	21
3/4" × 5/8"	H-16843W-R58	32/128	26
3/4" × 1"	H-16844W-RX	32/128	26
1"	H-16844W	32/128	45
1" × 3/4"	H-16844W-R	32/128	39
1 1/4"	H-16845W	18/54	36
1 1/2"	H-16846W	18/54	49
2"	H-16847W	8/16	27



FORGED DZR BRASS TRANSITION FITTING

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, NSF/ANSI 14, CSA B137.5 - IGC 319, PS117

SIZE	ITEM#	CTN/CASE	CASE WT
Press × F1960 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-36802W	30/120	10
3/4"	H-36803W	30/120	17
3/4" × 1/2"	H-36803W-R	30/120	16
3/4" × 5/8"	H-36803W-R58	30/120	18
3/4" × 1"	H-36804W-RX	30/120	26
1"	H-36804W	30/120	27
1" × 3/4"	H-36804W-R	30/120	23
1 1/4"	H-36805W	20/80	29
1 1/2"	H-36806W	20/80	46
2"	H-36807W	9/27	29
Press × F1807 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-16802W	30/120	8
3/4"	H-16803W	30/120	14
3/4" × 1/2"	H-16803W-R	30/120	14
3/4" × 5/8"	H-16803W-R58	30/120	16
3/4" × 1"	H-16804W-RX	30/120	17
1"	H-16804W	30/120	20
1" × 3/4"	H-16804W-R	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



FORGED DZR BRASS 90° TRANSITION ELBOW

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 - PS117

SIZE	ITEM#	CTN/CASE	CASE WT
Press × FIP 250 PSI CWP Max/250°F Max			
1/2"	H-86442W	32/128	22
1/2" × 3/8"	H-86442W-R	32/128	17
1/2" × 3/4"	H-86442W-RX	32/128	30
3/4"	H-86443W	32/128	37
3/4" × 1/2"	H-86443W-R	32/128	30
3/4" × 1"	H-86443W-RX	32/96	35
1"	H-86444W	32/96	44
1" × 3/4"	H-86444W-R	32/96	36
Press × MIP 250 PSI CWP Max/250°F Max			
1/2"	H-86242W	32/128	21
1/2" × 3/8"	H-86242W-R	32/128	18
1/2" × 3/4"	H-86242W-RX	32/128	28
3/4"	H-86243W	32/128	37
3/4" × 1/2"	H-86243W-R	32/128	31
3/4" × 1"	H-86243W-RX	32/96	36
1"	H-86244W	32/96	44
1" × 3/4"	H-86244W-R	32/128	44

FORGED DZR BRASS TRANSITION FITTING

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372 - PS117

SIZE	ITEM#	CTN/CASE	CASE WT
Press × FIP 250 PSI CWP Max/250°F Max			
1/2"	H-86402W	30/120	14
1/2" × 3/8"	H-86402W-R	30/120	11
1/2" × 3/4"	H-86402W-RX	30/120	18
3/4"	H-86403W	30/120	23
3/4" × 1/2"	H-86403W-R	30/120	18
3/4" × 1"	H-86403W-RX	30/120	30
1"	H-86404W	30/120	31
1" × 3/4"	H-86404W-R	30/120	26
Press × MIP 250 PSI CWP Max/250°F Max			
1/2"	H-86202W	30/120	13
1/2" × 3/8"	H-86202W-R	30/120	11
1/2" × 3/4"	H-86202W-RX	30/120	18
3/4"	H-86203W	30/120	22
3/4" × 1/2"	H-86203W-R	30/120	18
3/4" × 1"	H-86203W-RX	30/120	33
1"	H-86204W	22/88	34
1" × 3/4"	H-86204W-R	30/120	23



TRANSITION FITTINGS

DUAL VENT TRANSITION ELBOW

PATENTED TECHNOLOGY

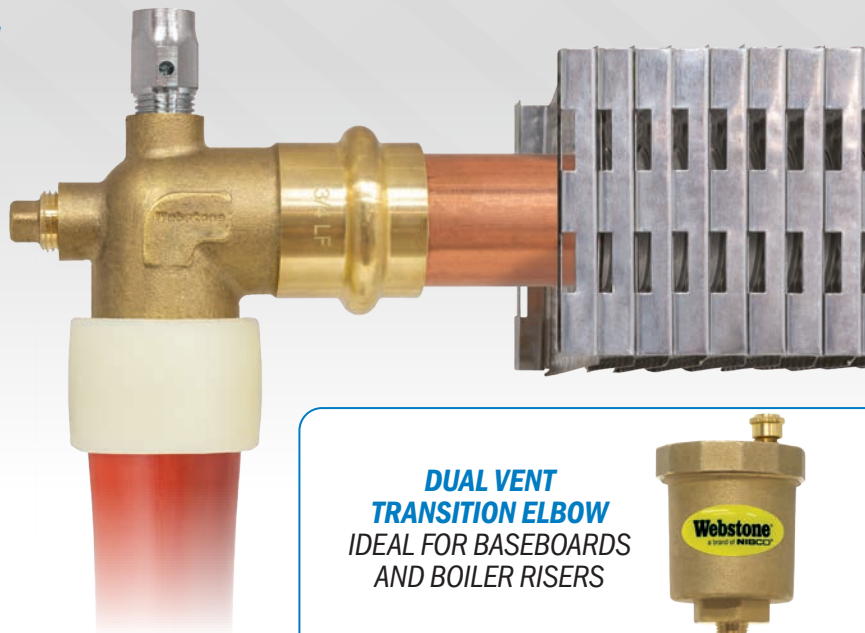
- For use with the 1/8" NPT vent of your choice
- Includes stiffener for copper finned tube press connections
- Ideal for baseboards and boiler risers

FORGED DZR BRASS DUAL VENT TRANSITION ELBOW
w/ 3/4" Copper Finned Tube Stiffener & 1/8" NPT Plug

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, NSF/ANSI 14, CSA B137.5 - IGC 319, PS117, Applies to elbow & plug

SIZE	ITEM#	CTN/CASE	CASE WT
Press × F1960 PEX 250 PSI CWP Max/250°F Max			
3/4"	H-36833W	32/128	36
3/4" × 1/2"	H-36833W-R	32/128	30
3/4" × 5/8"	H-36833W-R58	32/128	38
Press × F1807 PEX 250 PSI CWP Max/250°F Max			
3/4"	H-16833W	32/128	31
3/4" × 1/2"	H-16833W-R	32/128	27
3/4" × 5/8"	H-16833W-R58	32/128	33



DUAL VENT TRANSITION ELBOW
IDEAL FOR BASEBOARDS AND BOILER RISERS



FORGED DZR BRASS TRANSITION ELBOW
w/ 3/4" Copper Finned Tube Stiffener

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, NSF/ANSI 14, CSA B137.5 - IGC 319, PS117, Applies to elbow H-3684xW

SIZE	ITEM#	CTN/CASE	CASE WT
Press × F1960 PEX 250 PSI CWP Max/250°F Max			
3/4"	H-36823W	32/128	35
3/4" × 1/2"	H-36823W-R	32/128	21
3/4" × 5/8"	H-36823W-R58	32/128	35
3/4" × 1"	H-36824W-RX	32/128	40
Press × F1807 PEX 250 PSI CWP Max/250°F Max			
3/4"	H-16823W	32/128	25
3/4" × 1/2"	H-16823W-R	32/128	22
3/4" × 5/8"	H-16823W-R58	32/128	30
3/4" × 1"	H-16824W-RX	32/128	30

PRESS STIFFENER

- Required for making copper finned tube press connections

BRASS STIFFENER

For use with Copper Finned Tube

LEAD-FREE BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
3/4"	H-28303W	100/400	13

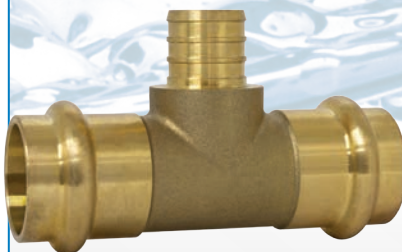


FORGED DZR BRASS TRANSITION TEE

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, NSF/ANSI 14, CSA B137.5 - IGC 319, PS117

SIZE	ITEM#	CTN/CASE	CASE WT
Press × Press × F1960 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-86352W	25/100	18
3/4"	H-86353W	20/80	27
3/4" × 3/4" × 1/2"	H-86353W-R	20/80	22
1"	H-86354W	20/80	45
1" × 1" × 3/4"	H-86354W-R	20/80	37
1 1/4"	H-86355W	4/16	16
1 1/2"	H-86356W	2/8	11
2"	H-86357W	2/8	24
Press × Press × F1807 PEX 250 PSI CWP Max/250°F Max			
1/2"	H-86152W	25/100	17
3/4"	H-86153W	20/80	25
3/4" × 3/4" × 1/2"	H-86153W-R	20/80	21
1"	H-86154W	20/80	40
1" × 1" × 3/4"	H-86154W-R	20/80	35
1 1/4"	H-86155W	4/16	15



PRESS × PRESS × FIP TRANSITION TEE

- Ideal for branch or device connections in tight locations

FORGED DZR BRASS TRANSITION TEE

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

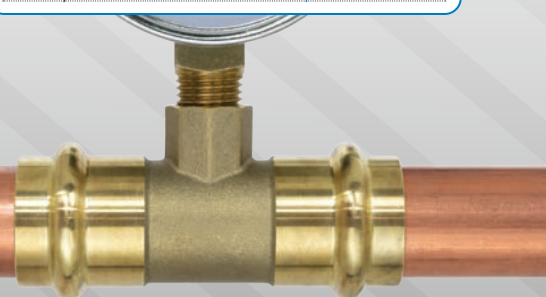
SIZE	ITEM#	CTN/CASE	CASE WT
Press × Press × FIP 250 PSI CWP Max/250°F Max			
1/2"	H-86452W	20/80	19
1/2" × 1/2" × 1/4"	H-86452W-R	25/100	18
3/4"	H-86453W	20/80	32
3/4" × 3/4" × 1/4"	H-86453W-R14	20/80	21
3/4" × 3/4" × 1/2"	H-86453W-R	20/80	27
1" × 1" × 3/4"	H-86454W-R12	20/80	38

FORGED DZR BRASS TRANSITION TEE

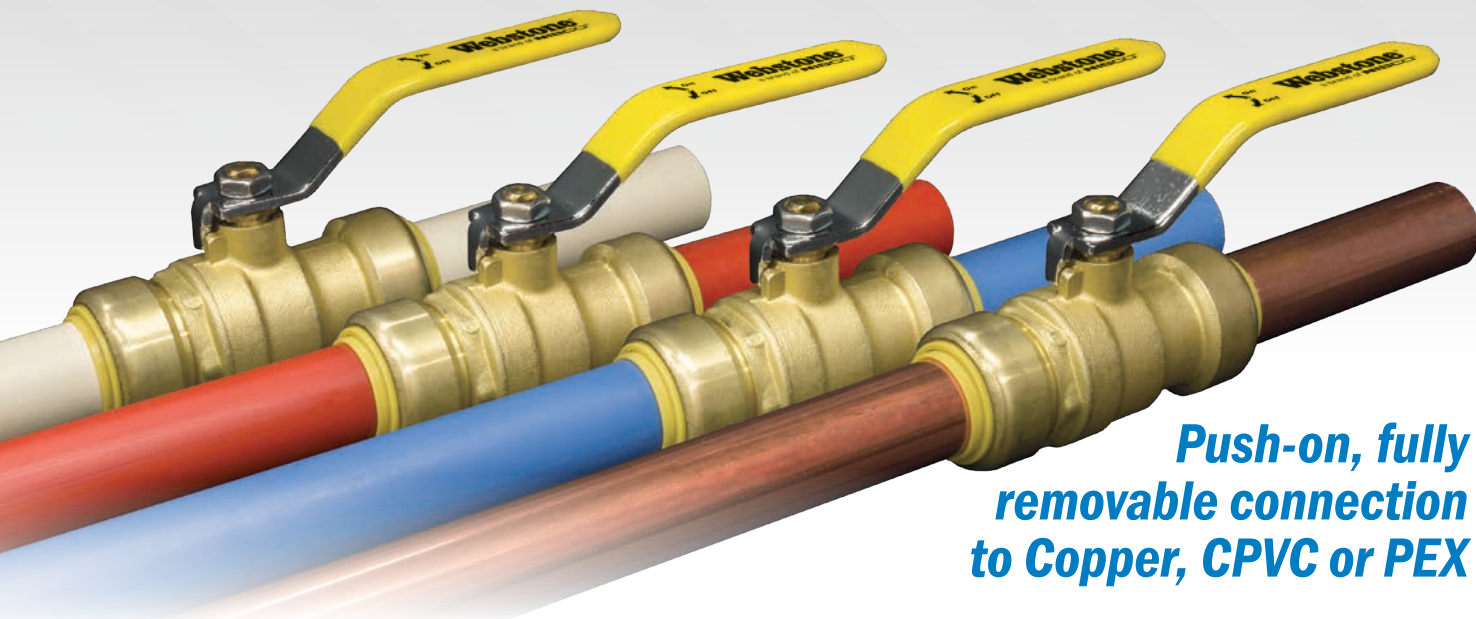
LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372, NSF/ANSI 14, CSA B137.5 - IGC 319, PS117

SIZE	ITEM#	CTN/CASE	CASE WT
F1960 PEX × F1960 PEX × Press 250 PSI CWP Max/250°F Max			
1/2"	H-36852W	25/100	21
1/2" × 1/2" × 3/4"	H-36852W-BH	20/80	21
3/4"	H-36853W	20/80	29
3/4" × 3/4" × 1"	H-36853W-BH	16/64	29
1"	H-36854W	20/80	49
1 1/4"	H-36855W	6/24	28
1 1/2"	H-36856W	2/8	12
2"	H-36857W	2/8	29
F1807 PEX × F1807 PEX × Press 250 PSI CWP Max/250°F Max			
1/2"	H-16852W	25/100	18
1/2" × 1/2" × 3/4"	H-16852W-BH	20/80	20
3/4"	H-16853W	20/80	26
3/4" × 3/4" × 1"	H-16853W-BH	16/64	27
1"	H-16854W	20/80	42
1 1/4"	H-16855W	6/24	21



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



**Push-on, fully
removable connection
to Copper, CPVC or PEX**



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 CWP Max/200°F Max	
1/2"	H-62702W	10/100	44
3/4"	H-62703W	10/100	63
1"	H-62704W	5/50	56



PRO PUSH 90 DEGREE ELBOW

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61, ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push		200 PSI CWP Max/200°F Max	
1/4"	H-26400W-B	6/360	26
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
Push x FIP		200 PSI CWP Max/200°F Max	
1/2"	H-26422W	20/200	31
Push x MIP		200 PSI CWP Max/200°F Max	
1/2"	H-26222W	20/200	31
3/4"	H-26233W-B	6/90	27

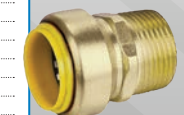
PRO PUSH STRAIGHT COUPLING

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61, ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push		200 PSI CWP Max/200°F Max	
1/4"	H-26100W-B	6/600	33
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
Push x FIP		200 PSI CWP Max/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
Push x MIP		200 PSI CWP Max/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



PRO PUSH TEE

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61, ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push		200 PSI CWP Max/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





PROPUSH FLEXIBLE WATER HEATER CONNECTOR

Braided Stainless Steel • For Connection to Copper, CPVC or PEX

LEAD-FREE BRASS

Certified to NSF/ANSI 61, ASSE 1061, ASME 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

SIZE	ITEM#	CTN/CASE	CASE WT
1/2" × 3/4"	H-62023W-18	1/25	19
3/4"	H-62033W-18	1/25	31

WEBSTONE EXCLUSIVES AVAILABLE W/PUSH CONNECTIONS



TW SERVICE VALVES
EXPE2
SPACE SAVING

SEE
PAGE 16

**THERMOSTATIC
MIXING VALVE**
SEE PAGE 8



T-VALVE
SEE PAGE 47



UNION BALL
SEE PAGE 44

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, ASSE 1061

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



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, ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push × FIP			
1/2"	H-26412W	9/90	21
3/4"	H-26413W-B	6/90	33
Push			
1/2"	H-26462W	9/90	21



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, ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push × FIP			
1/2"	H-26412WHE-B	6/120	32



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, ASSE 1061, ASME 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



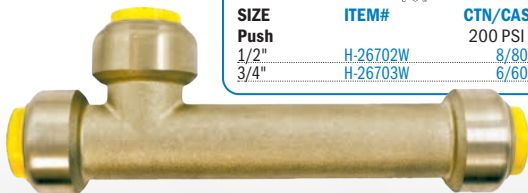
PROPUSH REPAIR TEE

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61, ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push			
1/2"	H-26702W	8/80	26
3/4"	H-26703W	6/60	32



PROPUSH SLIP COUPLING

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61, ASSE 1061

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



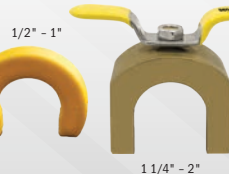
PROPUSH END CAP

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61, ASSE 1061

SIZE	ITEM#	CTN/CASE	CASE WT
Push			
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



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

PROPUSH DEBURR & GAUGE TOOL

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



PROPUSH PEX 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



BALL VALVES

FULL PORT FORGED BRASS BALL VALVE

w/ Adjustable Packing Gland

STANDARD BRASS

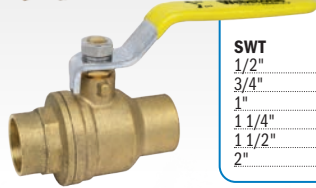
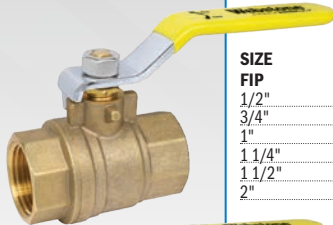
ANSI Z21.15, CSA 9.1 -

SIZE FIP	ITEM#	CTN/CASE	CASE WT
1/2"	H-40702	18/72	33
3/4"	H-40703	12/48	33
1"	H-40704	6/24	27
1 1/4"	H-40705	4/16	26
1 1/2"	H-40706	2/8	20
2"	H-40707	2/8	28

STANDARD BRASS

NSF

SIZE SWT	ITEM#	CTN/CASE	CASE WT
1/2"	H-50702	18/72	28
3/4"	H-50703	12/48	32
1"	H-50704	6/36	37
1 1/4"	H-50705	4/24	35
1 1/2"	H-50706	2/16	36
2"	H-50707	2/12	37



FULL PORT FORGED DZR BRASS BALL VALVE

w/ Adjustable Packing Gland

LEAD-FREE BRASS

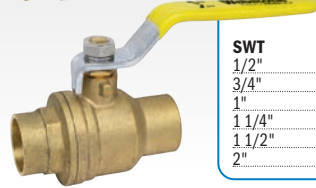
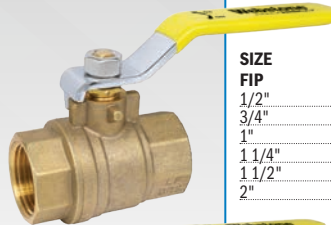
Certified to NSF/ANSI 61, ANSI Z21.15, CSA 9.1 -

SIZE FIP	ITEM#	CTN/CASE	CASE WT
1/2"	H-40702W	18/72	33
3/4"	H-40703W	12/48	33
1"	H-40704W	6/24	27
1 1/4"	H-40705W	4/16	26
1 1/2"	H-40706W	2/8	20
2"	H-40707W	2/8	28

LEAD-FREE BRASS

Certified to NSF/ANSI 61

SIZE SWT	ITEM#	CTN/CASE	CASE WT
1/2"	H-50702W	18/72	31
3/4"	H-50703W	12/48	33
1"	H-50704W	6/36	44
1 1/4"	H-50705W	4/24	36
1 1/2"	H-50706W	2/16	40
2"	H-50707W	2/12	45



2 1/2" - 4" SIZES
FEATURE PRESS XLC
CONNECTIONS



FULL PORT FORGED BRASS BALL VALVE

w/ Adjustable Packing Gland

LEAD-FREE BRASS

NSF

Certified to NSF/ANSI 61 & 372

SIZE Press	ITEM#	CTN/CASE	CASE WT
1/2"	H-81702W	5/50	26
3/4"	H-81703W	5/40	32
1"	H-81704W	4/20	24
1 1/4"	H-81705W	5/20	38
1 1/2"	H-81706W	4/16	43
2"	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



FULL FLOW FORGED DZR BRASS BALL VALVE

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

LEAD-FREE BRASS

NSF

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

SIZE F1960 PEX	ITEM#	CTN/CASE	CASE WT
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
SIZE F1807 PEX	ITEM#	CTN/CASE	CASE WT
1/2"	H-11702WSSW	10/80	23
3/4"	H-11703WSSW	10/60	26
1"	H-11704WSSW	6/36	26

FULL PORT FORGED DZR BRASS BALL VALVE

w/ Stainless Steel Wing Handle & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61, ANSI Z21.15, CSA 9.1 - Applies to base model H-4070xW

SIZE FIP	ITEM#	CTN/CASE	CASE WT
1/2"	H-40702WSSW	18/72	33
3/4"	H-40703WSSW	12/48	33
1"	H-40704WSSW	6/24	27



PROPUSH BALL VALVE

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

LEAD-FREE BRASS

NSF

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

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

FORGED BRASS BALL VALVE

& Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61

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



TRANSITION BALL VALVES



**SAVE SPACE IN
THE FIELD AND
IN THE TRUCK**

- Create over 250 different combinations from a single G-Series ball valve body
- Connect different piping types and sizes, right at the valve, without the need for additional adapters

G-SERIES BALL VALVE

Full Flow Forged DZR Brass Ball Valve w/ Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
BODY ONLY - INSTALL W/ (2) G-UNION FITTINGS			
G-Thread		200 PSI CWP Max/200°F Max	
1"	H-G1704W	1/16	19
1 1/2"	H-G1706W	1/8	23
1 1/2" x 1"	H-G1706W-R	1/12	15
2"	H-G1707W	1/6	26
2" x 1 1/2"	H-G1707W-R	1/6	18



SEE PAGES 4-7

G-SERIES BALL VALVE

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

LEAD-FREE BRASS

Certified to NSF/ANSI/CAN 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
BODY ONLY - INSTALL W/ (1) G-UNION FITTING			
G-Thread x Press		200 PSI CWP Max/200°F Max	
1"	H-G-81704W	1/16	28
1" x 1/2"	H-G-81704W-R12	1/16	18
1" x 3/4"	H-G-81704W-R	1/16	22
1 1/2"	H-G-81706W	1/8	29
1 1/2" x 1 1/4"	H-G-81706W-R	1/8	25
2"	H-G-81707W	1/4	23
2" x 1 1/2"	H-G-81707W-R	1/8	32



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 x F1960 PEX		250 PSI CWP Max/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 x F1807 PEX		250 PSI CWP Max/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



FULL PORT FORGED DZR BRASS BALL VALVE

w/ Reversible Handle & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
Press x FIP		250 PSI CWP Max/250°F Max	
1/2"	H-84702W	5/50	25
3/4"	H-84703W	5/40	30
1"	H-84704W	4/24	30
1 1/4"	H-84705W	5/20	40
1 1/2"	H-84706W	4/16	39
2"	H-84707W	2/8	33
Press x MIP		250 PSI CWP Max/250°F Max	
1/2"	H-82702W	5/50	27
3/4"	H-82703W	5/40	33
1"	H-82704W	4/24	33
1 1/4"	H-82705W	5/20	44
1 1/2"	H-82706W	4/16	42
2"	H-82707W	2/8	35

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
F1960 PEX x 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
F1807 PEX x 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 PORT FORGED BRASS BALL VALVE

w/ Reversible Handle & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61

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 FLOW FORGED BRASS BALL VALVE

w/ Wing Handle

STANDARD BRASS

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



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

SPECIALTY VALVES



FORGED BRASS GAS BALL VALVE

STANDARD BRASS

SIZE	ITEM#	CTN/CASE	CASE WT
FIP			UP TO 5 PSI CWP MAX
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



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

FULL PORT FORGED DZR BRASS BALL VALVE

w/ Bleeder, Reversible Handle & Adjustable Packing Gland

LEAD-FREE BRASS

Certified to NSF/ANSI 61

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
Press*			250 PSI CWP Max/250°F Max
1/2"	H-80622W	4/40	24
3/4"	H-80623W	4/32	25
1"	H-80624W	3/15	21

* CERTIFIED TO NSF/ANSI 61 & 372



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



CHROME-PLATED EXTRUDED BRASS MINI BALL VALVE

Hex Body

STANDARD BRASS

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

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

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



FORGED BRASS GATE VALVE

Hard Seat

LEAD-FREE BRASS

Certified to NSF/ANSI 61

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



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



INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
H-4CC4-NBHK	24	H-7-G134WY	7	H-10741W	50	H-16804W-R	52	H-26033W-12	55
H-4CCL54-54Y	24	H-7-G134WY-A	7	H-10742W	50	H-16804W-RX	52	H-26033W-15	55
H-4FK4-WIF	24	H-7-G144W-A	7	H-10743W	50	H-16805W	52	H-26033W-18	55
H-4FK5-CH	24	H-7-G234WB	7	H-10744W	50	H-16806W	52	H-26033W-24	55
H-5CC4-NBHK	24	H-7-G234WB-A	7	H-10745W	50	H-16807W	52	H-26100W-B	54
H-5CCL54-54Y	24	H-7-G234WR	7	H-10746W	50	H-16823W	53	H-26101W	54
H-5FK4-WIF	24	H-7-G234WR-A	7	H-10747W	50	H-16823W-R	53	H-26102W	54
H-5FK5-CH	24	H-7-G304W-60	7	H-10751W	50	H-16823W-R58	53	H-26103W	54
H-7-1102W WP	7	H-7-G304W-140	7	H-10752W	50	H-16824W-RX	53	H-26104W	54
H-7-1103W WP	7	H-7-G306W-60	7	H-10753W	50	H-16833W	53	H-26105W-B	54
H-7-1104W WP	7	H-7-G306W-140	7	H-10754W	50	H-16833W-R	53	H-26106W-B	54
H-7-1202W WP	7	H-7G406	5, 6, 26	H-10755W	50	H-16833W-R58	53	H-26107W-B	54
H-7-1203W WP	7	H-7-G1704W	7	H-10756W	50	H-16842W	52	H-26112W	54
H-7-1204W WP	7	H-7-G1706W	7	H-10757W	50	H-16843W	52	H-26122W	55
H-7-2102W WP	7	H-7-G1707W	7	H-10782W	50	H-16843W-R	52	H-26132W	54
H-7-2103W WP	7	H-8CC4-NBHK	24	H-10783W	50	H-16843W-R58	52	H-26133W	55
H-7-2104W WP	7	H-8CCL54-54Y	24	H-10784W	50	H-16844W	52	H-26143W	54
H-7-2164W WP	7	H-8FK4-WIF	24	H-10785W	50	H-16844W-R	52	H-26144W	55
H-7-2165W WP	7	H-8FK5-CH	24	H-10786W	50	H-16844W-RX	52	H-26154W-B	54
H-7-2166W WP	7	H-108G4W	5, 50	H-10787W	50	H-16845W	52	H-26165W-B	54
H-7-2177W WP	7	H-108G6W	5, 50	H-10812W	50	H-16846W	52	H-26176W-B	54
H-7-2202W WP	7	H-01102W	15	H-10813W	50	H-16847W	52	H-26202W	54
H-7-2203W WP	7	H-01103W	15	H-10814W	50	H-16852W	53	H-26203W	54
H-7-2204W WP	7	H-01104W	15	H-10822W	50	H-16852W-BH	53	H-26204W	54
H-7-3102W WP	7	H-01105W	15	H-10823W	50	H-16853W	53	H-26212W-B	54
H-7-3103W WP	7	H-01106W	15	H-10824W	50	H-16853W-BH	53	H-26220W-B	54
H-7-3104W WP	7	H-01107W	15	H-10825W	50	H-16854W	53	H-26222W	54
H-7-3202W WP	7	H-01132W	15	H-10826W	50	H-16855W	53	H-26223W	54
H-7-3203W WP	7	H-10132W	58	H-10832W	50	H-18102W	15	H-26232W-B	54
H-7-3204W WP	7	H-10133W	58	H-10833W	50	H-18103W	15	H-26233W-B	54
H-7-4102W WP	7	H-10134W	58	H-10834W	50	H-18104W	15	H-26234W-B	54
H-7-4103W WP	7	H-10135W	58	H-10842W	50	H-20302W	49	H-26302W	54
H-7-4104W WP	7	H-10136W	58	H-10843W	50	H-20303W	49	H-26303W	54
H-7-4164W WP	7	H-10137W	58	H-10844W	50	H-20304W	49	H-26304W	54
H-7-4165W WP	7	H-10138W	58	H-10845W	50	H-20305W	49	H-26320W-B	54
H-7-4166W WP	7	H-10139W	58	H-10846W	50	H-20306W	49	H-26323W	54
H-7-4177W WP	7	H-10140W	58	H-10852W	50	H-20713	19	H-26332W-B	54
H-7-4202W WP	7	H-10422W	15, 44	H-10853W	50	H-20713W	19	H-26334W-B	54
H-7-4203W WP	7	H-10423W	15, 44	H-10854W	50	H-20723-CN	19	H-26343W	54
H-7-4204W WP	7	H-10423W-RB	19	H-10855W	50	H-20733	19	H-26400W-B	54
H-7-5102W WP	7	H-10424W	15, 44	H-10856W	50	H-21103W	15	H-26402W	54
H-7-5103W WP	7	H-10432W	15, 43	H-10882W	50	H-21652W	13	H-26403W	54
H-7-5104W WP	7	H-10433W	15, 43	H-10883W	50	H-21652W-VR	13	H-26404W	54
H-7-5164W WP	7	H-10434W	15, 43	H-10884W	50	H-21653W	13	H-26412W	55
H-7-5165W WP	7	H-10435W	15, 43	H-10885W	50	H-21653W-DTV	14	H-26412WHE-B	55
H-7-5166W WP	7	H-10436W	15, 43	H-10886W	50	H-21653W-DTV-VR	14	H-26413W-B	55
H-7-5177W WP	7	H-10437W	15, 43	H-11403W	38	H-21653W-DU	14	H-26421W-B	54
H-7-5202W WP	7	H-10542W	50	H-11403WHV	38	H-21653W-DU-BV	14	H-26422W	54
H-7-5203W WP	7	H-10543W	50	H-11404W	38	H-21653W-DU-BV-VR	14	H-26432W	54
H-7-5204W WP	7	H-10544W	50	H-11404WHV	38	H-21653W-DU-VR	14	H-26443W-B	54
H-7-6102W WP	7	H-10545W	50	H-11413W	38	H-21653W-VR	13	H-26462W	55
H-7-6103W WP	7	H-10546W	50	H-11413WHV	38	H-21662W-VR	13	H-26500W-B	54
H-7-6202W WP	7	H-10547W	50	H-11414W	38	H-21663W-VR	13	H-26501W-B	54
H-7-6203W WP	7	H-10612W	42	H-11414WHV	38	H-22442	21	H-26502W	54
H-7-7104W	7	H-10613W	42	H-11702WSSW	56	H-22442-24-FP	21	H-26503W	54
H-7-7106W	7	H-10614W	42	H-11703WSSW	56	H-22443	21	H-26504W	54
H-7-7106W-R1	7	H-10615W	42	H-11704WSSW	56	H-22443-24-FP	21	H-26512W-B	54
H-7-7107W	7	H-10616W	42	H-13703HV	41	H-22561	58	H-26520W-B	54
H-7-7107W-R	7	H-10617W	42	H-13706HV	41	H-22562	58	H-26521W-B	54
H-7-7211W WP	10	H-10622W	50	H-14063W	18, 19	H-22563	58	H-26522W	54
H-7-7610W-TG WP	10	H-10623W	50	H-14443W	18, 19	H-22564	58	H-26532W	54
H-7-7610W WP	10	H-10624W	50	H-14443WPR	18, 19	H-22652W	13	H-26533W	54
H-7-8102W WP	7	H-10625W	50	H-14443WPR-GST	20	H-22652W-VR	13	H-26543W	54
H-7-8103W WP	7	H-10626W	50	H-14443WPR-LF	18, 19	H-22653W	13	H-26601W-B	55
H-7-8104W WP	7	H-10627W	50	H-14444W	18, 19	H-22653W-BBV	14	H-26602W	55
H-7-8164W WP	7	H-10671W-T12	47	H-14444WPR	18, 19	H-22653W-BBV-VR	14	H-26603W	55
H-7-8165W WP	7	H-10671W-T34	47	H-14444WPR-LF	18, 19	H-22653W-BTV	14	H-26604W	55
H-7-8166W WP	7	H-10712W	50	H-14702WSSW	57	H-22653W-BTV-VR	14	H-26702W	55
H-7-8177W WP	7	H-10713W	50	H-14703WSSW	57	H-22653W-VR	13	H-26703W	55
H-7-8202W WP	7	H-10714W	50	H-14704WSSW	57	H-22662W-VR	13	H-26820W	55
H-7-8203W WP	7	H-10715W	50	H-16802W	52	H-22663W-VR	13	H-26821W	55
H-7-8204W WP	7	H-10732W	50	H-16803W	52	H-26023W-12-B	55	H-26920W	55
H-7-B604W	7, 51	H-10733W	50	H-16803W-R	52	H-26023W-15-B	55	H-26921W	55
H-7-B606W	7, 51	H-10734W	50	H-16803W-R58	52	H-26023W-18	55	H-26992W-B	50, 55
H-7-B607W	7, 51	H-10735W	50	H-16804W	52	H-26023W-24-B	55	H-26993W	50, 55



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

W W W . W E B S T O N E V A L V E S . C O M

LEAD-FREE: Weighted average lead content ≤ 0.25%

INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
H-26994W-B	50, 55	H-36803W-R	52	H-40433W	15, 43	H-41405W	38	H-42653W-VR	13
H-28000-B	55	H-36803W-R58	52	H-40434	43	H-41405WHV	38	H-42662W-VR	13
H-28023W	19	H-36804W	52	H-40434W	15, 43	H-41406	38	H-42663W-VR	13
H-28110-B	55	H-36804W-R	52	H-40435	43	H-41406HV	38	H-43672	31
H-28111-B	55	H-36804W-RX	52	H-40435W	15, 43	H-41406HV-RF375	40	H-43720	58
H-28112	55	H-36805W	52	H-40436	43	H-41406W	38	H-43721	58
H-28113	55	H-36806W	52	H-40436W	15, 43	H-41406WHV	38	H-43722	58
H-28114	55	H-36807W	52	H-40443W	18, 19	H-41407HV-RF400	40	H-43722-OH	58
H-28115-B	55	H-36823W	53	H-40443WPR	18, 19	H-41407HV-RF475	40	H-43723	58
H-28116-B	55	H-36823W-R	53	H-40530W	57	H-41407WHV	38	H-43723-OH	58
H-28117-B	55	H-36823W-R58	53	H-40531W	57	H-41413	38	H-43724	58
H-28212	55	H-36824W-RX	53	H-40532W	57	H-41413HV	38	H-43724-OH	58
H-28213	55	H-36833W	53	H-40533W	57	H-41413HVKIT	39	H-43725	58
H-28214	55	H-36833W-R	53	H-40534W	57	H-41413KIT	39	H-43726	58
H-28215-B	55	H-36833W-R58	53	H-40562W	36	H-41413W	38	H-43727	58
H-28216-B	55	H-36842W	52	H-40563W	36	H-41413WHV	38	H-44063W	18, 19
H-28217-B	55	H-36843W	52	H-40564W	36	H-41413WHVKIT	39	H-44443W	18, 19
H-28303W	53	H-36843W-R	52	H-40565W	36	H-41413WKIT	39	H-44443WPR	18, 19
H-30000W-TP	48	H-36843W-R58	52	H-40566W	36	H-41414	38	H-44443WPR-GST	20
H-30202W	49	H-36844W	52	H-40567W	36	H-41414HV	38	H-44443WPR-LF	18, 19
H-30203W	49	H-36844W-R	52	H-40612	42	H-41414HVKIT	39	H-44444	25
H-30218W	49	H-36844W-RX	52	H-40612W	42	H-41414KIT	39	H-44444PR3	25
H-30219W	49	H-36845W	52	H-40613	42	H-41414W	38	H-44444W	18, 19, 25
H-30314W	49	H-36846W	52	H-40613W	42	H-41414WHV	38	H-44444WPR	18, 19
H-30316W	49	H-36847W	52	H-40614	42	H-41414WHVKIT	39	H-44444WPR3	25
H-30422W	15, 44	H-36852W	53	H-40614W	42	H-41414WKIT	39	H-44444WPR-LF	18, 19
H-30423W	15, 44	H-36852W-BH	53	H-40615	42	H-41415	38	H-44672	31
H-30423W-RB	19	H-36853W	53	H-40615W	42	H-41415HV	38	H-45443WPR	18, 19
H-30424W	15, 44	H-36853W-BH	53	H-40616	42	H-41415HVKIT	39	H-45443WPR-LH	18, 19
H-30432W	15, 43	H-36854W	53	H-40616W	42	H-41415KIT	39	H-48354-43	23, 25
H-30433W	15, 43	H-36855W	53	H-40617	42	H-41415W	38	H-48354-44	23, 25
H-30434W	15, 43	H-36856W	53	H-40617W	42	H-41415WHV	38	H-48613	48
H-30435W	15, 43	H-36857W	53	H-40622W	58	H-41415WHVKIT	39	H-48614	48
H-30436W	15, 43	H-38102W	15	H-40623W	58	H-41415WKIT	39	H-48615	48
H-30437W	15, 43	H-38103W	15	H-40624W	58	H-41416	38	H-48616	48
H-30612W	42	H-38104W	15	H-40632W	56	H-41416HV	38	H-48754-43	23, 25
H-30613W	42	H-40302W	49	H-40633W	56	H-41416HV-RF375	40	H-48754-44	23, 25
H-30614W	42	H-40303W	49	H-40634W	56	H-41416W	38	H-48765-45	23, 25
H-30615W	42	H-40304W	49	H-40642	58	H-41416WHV	38	H-48854-43	23, 25
H-30616W	42	H-40305W	49	H-40643	58	H-41417HV-RF400	40	H-48854-44	23, 25
H-30617W	42	H-40306W	49	H-40644	58	H-41417HV-RF475	40	H-48865-45	23, 25
H-30671W-T12	47	H-40312W	49	H-40702	56	H-41417WHV	38	H-50302W	49
H-30671W-T34	47	H-40313W	49	H-40702W	56	H-41562W	37	H-50303W	49
H-31000	30	H-40402	39	H-40702WSSW	56	H-41563W	37	H-50304W	49
H-31000-60BTM	31	H-40403	39	H-40703	56	H-41564W	37	H-50305W	49
H-31403W	38	H-40403HV	39	H-40703W	56	H-41565W	37	H-50306W	49
H-31403WHV	38	H-40404	39	H-40703WSSW	56	H-41652W	13	H-50312W	49
H-31404W	38	H-40404HV	39	H-40704	56	H-41652W-VR	13	H-50313W	49
H-31404WHV	38	H-40405	39	H-40704W	56	H-41653W	13	H-50402	39
H-31413W	38	H-40405HV	39	H-40704WSSW	56	H-41653W-DU-BV	14	H-50403	39
H-31413WHV	38	H-40406	39	H-40705	56	H-41653W-DU-BV-VR	14	H-50403HV	39
H-31414W	38	H-40406HV	39	H-40705W	56	H-41653W-VR	13	H-50404	39
H-31414WHV	38	H-40407HV	39	H-40706	56	H-41662W-VR	13	H-50404HV	39
H-31702WSSW	56	H-40413	39	H-40706W	56	H-41663W-VR	13	H-50405	39
H-31703WSSW	56	H-40413HV	39	H-40707	56	H-41672	31	H-50405HV	39
H-31704WSSW	56	H-40413HVKIT	39	H-40707W	56	H-41685	57	H-50406	39
H-31705WSSW	56	H-40413KIT	39	H-40782	58	H-41686	57	H-50406HV	39
H-31706WSSW	56	H-40414	39	H-40800W	58	H-41687	57	H-50407HV	39
H-31707WSSW	56	H-40414HV	39	H-40801W	58	H-41698	57	H-50413	39
H-32000W	7	H-40414HVKIT	39	H-40802W	58	H-41699	57	H-50413HV	39
H-33000W	10	H-40414KIT	39	H-40803W	58	H-41722	58	H-50413HVKIT	39
H-33202WSSL	49	H-40415	39	H-40804W	58	H-41723	58	H-50413KIT	39
H-34063W	18, 19	H-40415HV	39	H-40805W	58	H-41724	58	H-50414	39
H-34443W	18, 19	H-40415HVKIT	39	H-40806W	58	H-41725	58	H-50414HV	39
H-34443WPR	18, 19	H-40415KIT	39	H-40807W	58	H-41726	58	H-50414HVKIT	39
H-34443WPR-GST	20	H-40416	39	H-41403	38	H-41727	58	H-50414KIT	39
H-34443WPR-LF	18, 19	H-40416HV	39	H-41403HV	38	H-42443W	19	H-50415	39
H-34444W	18, 19	H-40417HV	39	H-41403W	38	H-42443WPR	19	H-50415HV	39
H-34444WPR	18, 19	H-40422W	15, 44	H-41403WHV	38	H-42443WPR-GST	20	H-50415HVKIT	39
H-34444WPR-LF	18, 19	H-40423W	15, 44	H-41404	38	H-42443WPR-LF	19	H-50415KIT	39
H-34702WSSW	57	H-40423W-RB	19	H-41404HV	38	H-42652W	13	H-50416	39
H-34703WSSW	57	H-40424W	15, 44	H-41404W	38	H-42652W-VR	13	H-50416HV	39
H-34704WSSW	57	H-40425W	44	H-41404WHV	38	H-42653W	13	H-50417HV	39
H-36802W	52	H-40426W	44	H-41405	38	H-42653W-BUBV	14	H-50422W	15, 44
H-36803W	52	H-40433	43	H-41405HV	38	H-42653W-BUBV-VR	14	H-50423W	15, 44



INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
H-50423W-RB	19	H-51413HV	38	H-58613	48	H-72404	26	H-75273W	9
H-50424W	15, 44	H-51413HVKIT	39	H-58614	48	H-72405	26	H-75274W	9
H-50425W	44	H-51413KIT	39	H-58615	48	H-72406	26	H-75404	26
H-50426W	44	H-51413W	38	H-58616	48	H-72533	27	H-75405	26
H-50433	43	H-51413WHV	38	H-58643	27	H-72533-A	27	H-75406	26
H-50433W	15, 43	H-51413WHVKIT	39	H-58644	27	H-72544	27	H-75533	27
H-50434	43	H-51413WKIT	39	H-58653	27	H-72544-A	27	H-75533-A	27
H-50434W	15, 43	H-51414	38	H-58654	27	H-72703	35	H-75544	27
H-50435	43	H-51414HV	38	H-58655	27	H-72704	35	H-75544-A	27
H-50435W	15, 43	H-51414HVKIT	39	H-58754-53	23, 25	H-72705	34	H-75703	35
H-50436	43	H-51414KIT	39	H-58754-54	23, 25	H-72706	34	H-75704	35
H-50436W	15, 43	H-51414W	38	H-58765-55	23, 25	H-72713	35	H-75705	34
H-50443W	18, 19	H-51414WHV	38	H-58854-53	23, 25	H-72714	35	H-75706	34
H-50443WPR	18, 19	H-51414WHVKIT	39	H-58854-54	23, 25	H-73202W-CE	9	H-75713	35
H-50562W	36	H-51414WKIT	39	H-58865-55	23, 25	H-73202W-CE-CAN	9	H-75714	35
H-50563W	36	H-51415	38	H-60422W	15, 44	H-73203W-CE	9	H-76202W	9
H-50564W	36	H-51415HV	38	H-60423W	15, 44	H-73203W-CE-CAN	9	H-76202W-CAN	9
H-50565W	36	H-51415HVKIT	39	H-60424W	15, 44	H-73272W	9	H-76203W	9
H-50566W	36	H-51415KIT	39	H-60670W-T12	47	H-73273W	9	H-76203W-CAN	9
H-50567W	36	H-51415W	38	H-60670W-T34	47	H-74000	28	H-77201W	10
H-50612	42	H-51415WHV	38	H-60671W-T12	47	H-74003	29	H-77201W-T	10
H-50612W	42	H-51415WHVKIT	39	H-60671W-T34	47	H-74003-V	28	H-77201W-TG	10
H-50613	42	H-51415WKIT	39	H-61652W	13	H-74004	29	H-77211W	10
H-50613W	42	H-51416	38	H-61652W-VR	13	H-74004-V	28	H-77211W-TG	10
H-50614	42	H-51416HV	38	H-61653W	13	H-74005	29	H-77401W	10
H-50614W	42	H-51416HV-RF375	40	H-61653W-VR	13	H-74006	29	H-77401W-TG	10
H-50615	42	H-51416W	38	H-61662W-VR	13	H-74007	29	H-77411W	10
H-50615W	42	H-51416WHV	38	H-61663W-VR	13	H-74202W	9	H-77411W-TG	10
H-50616	42	H-51416WHVKIT	39	H-62023W-18	55	H-74202W-CAN	9	H-77610W	10
H-50616W	42	H-51417HV-RF400	40	H-62033W-18	55	H-74203W	9	H-77610W-TG	10
H-50617	42	H-51417HV-RF475	40	H-62652W	13	H-74203W-CAN	9	H-78003	29
H-50617W	42	H-51417WHV	38	H-62652W-VR	13	H-74204W	9	H-78003-V	28
H-50622W	58	H-51417WHVKIT	39	H-62653W	13	H-74204W-CAN	9	H-78004	29
H-50623W	58	H-51652W	13	H-62653W-VR	13	H-74262W	9	H-78004-V	28
H-50624W	58	H-51652W-VR	13	H-62662W-VR	13	H-74263W	9	H-78005	29
H-50672W	48	H-51653W	13	H-62663W-VR	13	H-74264W	9	H-78006	29
H-50673W	48	H-51653W-DU	14	H-62702W	54, 56	H-74272W	9	H-78007	29
H-50674W	48	H-51653W-DU-BV	14	H-62703W	54, 56	H-74273W	9	H-78202W	9
H-50675W	48	H-51653W-DU-BV-VR	14	H-62704W	54, 56	H-74274W	9	H-78202W-CAN	9
H-50676W	48	H-51653W-DU-VR	14	H-64063W	18, 19	H-74313W	11	H-78203W	9
H-50677W	48	H-51653W-VR	13	H-64443W	18, 19	H-74323W	11	H-78203W-CAN	9
H-50682	57	H-51662W-VR	13	H-64443WPR	18, 19	H-74404	26	H-78204W	9
H-50702	56	H-51663W-VR	13	H-64443WPR-GST	20	H-74405	26	H-78204W-CAN	9
H-50702W	56	H-52443W	19	H-64443WPR-LF	18, 19	H-74406	26	H-78262W	9
H-50703	56	H-52443WPR	19	H-70000W	5, 6, 8, 9	H-74533	27	H-78263W	9
H-50703W	56	H-52443WPR-GST	20	H-70000W-CAN	5, 6, 8, 9	H-74533-A	27	H-78264W	9
H-50704	56	H-52443WPR-LF	19	H-70060W	5, 6, 9	H-74544	27	H-78272W	9
H-50704W	56	H-52652W	13	H-70070W	5, 6, 8, 9	H-74544-A	27	H-78273W	9
H-50705	56	H-52652W-VR	13	H-70530	5, 6, 27	H-74600	29	H-78274W	9
H-50705W	56	H-52653W	13	H-70530-A	5, 6, 27	H-74601	29	H-78313W	11
H-50706	56	H-52653W-BUBV	14	H-70540	5, 6, 27	H-74602	29	H-78323W	11
H-50706W	56	H-52653W-BUBV-VR	14	H-70540-A	5, 6, 27	H-74613	30	H-78404	26
H-50707	56	H-52653W-VR	13	H-70700	5, 6, 35	H-74703	35	H-78405	26
H-50707W	56	H-52662W-VR	13	H-70706	5, 6, 34	H-74704	35	H-78406	26
H-51403	38	H-52663W-VR	13	H-71000-V	5, 6, 28	H-74705	34	H-78533	27
H-51403HV	38	H-54063W	18, 19	H-71202W	9	H-74706	34	H-78533-A	27
H-51403W	38	H-54103W	15	H-71202W-CAN	9	H-74713	35	H-78544	27
H-51403WHV	38	H-54443W	18, 19	H-71203W	9	H-74714	35	H-78544-A	27
H-51404	38	H-54443WPR	18, 19	H-71203W-CAN	9	H-75003	29	H-78703	35
H-51404HV	38	H-54443WPR-GST	20	H-71272W	9	H-75003-V	28	H-78704	35
H-51404W	38	H-54443WPR-LF	18, 19	H-71273W	9	H-75004	29	H-78705	34
H-51404WHV	38	H-54444W	18, 19, 25	H-72003-V	28	H-75004-V	28	H-78706	34
H-51405	38	H-54444WPR	18, 19	H-72004-V	28	H-75005	29	H-78713	35
H-51405HV	38	H-54444WPR3	25	H-72202W	9	H-75006	29	H-78714	35
H-51405W	38	H-54444WPR-LF	18, 19	H-72202W-CAN	9	H-75007	29	H-80132W	57
H-51405WHV	38	H-54612	42	H-72203W	9	H-75202W	9	H-80133W	57
H-51406	38	H-54612W	42	H-72203W-CAN	9	H-75202W-CAN	9	H-80134W	57
H-51406HV	38	H-54613	42	H-72204W	9	H-75203W	9	H-80135W	57
H-51406HV-RF375	40	H-54613W	42	H-72204W-CAN	9	H-75203W-CAN	9	H-80136W	57
H-51406W	38	H-54614	42	H-72262W	9	H-75204W	9	H-80137W	57
H-51406WHV	38	H-54614W	42	H-72263W	9	H-75204W-CAN	9	H-80302W	49
H-51407HV-RF400	40	H-55443WPR	18, 19	H-72264W	9	H-75262W	9	H-80303W	49
H-51407HV-RF475	40	H-55443WPR-LH	18, 19	H-72272W	9	H-75263W	9	H-80304W	49
H-51407WHV	38	H-58354-53	23, 25	H-72273W	9	H-75264W	9	H-80305W	49
H-51413	38	H-58354-54	23, 25	H-72274W	9	H-75272W	9	H-80306W	49

INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
H-80312W	49	H-81114W	15	H-81662W-VR	13	H-86163W-R	51	H-C7-303	7
H-80313W	49	H-81115W	15	H-81663W-VR	13	H-86164W-R	51	H-FSTR4-54	36
H-80332W	57	H-81116W	15	H-81702W	56	H-86173W	51	H-FSTR5-55	36
H-80333W	57	H-81117W	15	H-81703W	56	H-86173W-R	51	H-G6G64W	5, 51
H-80334W	57	H-81122W	15	H-81704W	56	H-86174W-R	51	H-G0304W	5, 6, 49
H-80335W	57	H-81123W	15	H-81705W	56	H-86202W	52	H-G0306W	5, 6, 49
H-80336W	57	H-81124W	15	H-81706W	56	H-86202W-R	52	H-G0564W	5, 6, 36
H-80337W	57	H-81125W	15	H-81707W	56	H-86202W-RX	52	H-G0566W	5, 6, 36
H-80422W	15, 44	H-81126W	15	H-81708W	56	H-86203W	52	H-G0614W	5, 43
H-80423W	15, 44	H-81127W	15	H-81709W	56	H-86203W-R	52	H-G0616W	5, 43
H-80423W-RB	19	H-81403	38	H-81710W	56	H-86203W-RX	52	H-G0616W-R	5, 43
H-80424W	15, 44	H-81403HV	38	H-82652W	13	H-86204W	52	H-G0617W	5, 43
H-80425W	44	H-81403W	38	H-82652W-VR	13	H-86204W-R	52	H-G0617W-R	5, 43
H-80426W	44	H-81403WHV	38	H-82653W	13	H-86242W	52	H-G0673W	11
H-80433W	15, 43	H-81404	38	H-82653W-BTV	14	H-86242W-R	52	H-G1404W	7
H-80434W	15, 43	H-81404HV	38	H-82653W-BTV-VR	14	H-86242W-RX	52	H-G1404WHV	7
H-80435W	15, 43	H-81404W	38	H-82653W-BUBV	14	H-86243W	52	H-G1414W	7
H-80436W	15, 43	H-81404WHV	38	H-82653W-BUBV-VR	14	H-86243W-R	52	H-G1414WHV	7
H-80562W	36	H-81405	38	H-82653W-VR	13	H-86243W-RX	52	H-G1564W	5, 6, 37
H-80563W	36	H-81405HV	38	H-82662W-VR	13	H-86244W	52	H-G1566W	5, 6, 37
H-80564W	36	H-81405W	38	H-82663W-VR	13	H-86244W-R	52	H-G1653W	5, 6, 13
H-80565W	36	H-81405WHV	38	H-82672W	47	H-86352W	53	H-G1663W	5, 6, 13
H-80566W	36	H-81406	38	H-82672W-T34	47	H-86353W	53	H-G1704W	5, 57
H-80567W	36	H-81406HV	38	H-82673W	47	H-86353W-R	53	H-G1706W	5, 57
H-80612	42	H-81406HV-RF375	40	H-82673W-T12	47	H-86354W	53	H-G1706W-R	5, 57
H-80612W	42	H-81406W	38	H-82674W	47	H-86354W-R	53	H-G1707W	5, 57
H-80613	42	H-81406WHV	38	H-82674W-T114	47	H-86355W	53	H-G1707W-R	5, 57
H-80613W	42	H-81407HV	38	H-82675W	47	H-86356W	53	H-G2653W	5, 6, 13
H-80614	42	H-81407HV-RF400	40	H-82702W	57	H-86357W	53	H-G2663W	5, 6, 13
H-80614W	42	H-81407HV-RF475	40	H-82703W	57	H-86363W	51	H-G7674W	5, 6, 47
H-80615	42	H-81407WHV	38	H-82704W	57	H-86363W-R	51	H-G7674W-T112	6, 47
H-80615W	42	H-81413	38	H-82705W	57	H-86364W-R	51	H-G7676W	6, 47
H-80616	42	H-81413HV	38	H-82706W	57	H-86373W	51	H-G9203W-R	12
H-80616W	42	H-81413HVKIT	39	H-82707W	57	H-86373W-R	51	H-G-80612W	5, 43
H-80617	42	H-81413W	38	H-82712W	45	H-86374W-R	51	H-G-80613W	5, 43
H-80617W	42	H-81413WHV	38	H-82713W	45	H-86402W	52	H-G-80614W	5, 43
H-80622W	58	H-81414	38	H-82714W	45	H-86402W-R	52	H-G-80616W	5, 43
H-80623W	58	H-81414HV	38	H-83612W	42	H-86402W-RX	52	H-G-80616W-R	5, 43
H-80624W	58	H-81414HVKIT	39	H-83613W	42	H-86403W	52	H-G-80617W	5, 43
H-80633W-T114	44	H-81414W	38	H-83614W	42	H-86403W-R	52	H-G-81704W	5, 57
H-80634W-T112	44	H-81414WHV	38	H-83615W	42	H-86403W-RX	52	H-G-81704W-R	5, 57
H-80634W-T114	44	H-81415	38	H-83616W	42	H-86404W	52	H-G-81704W-R12	5, 57
H-80635W-T112	44	H-81415HV	38	H-83617W	42	H-86404W-R	52	H-G-81706W	5, 57
H-80642W	46	H-81415HVKIT	39	H-83712W	45	H-86442W	52	H-G-81706W-R	5, 57
H-80643W	46	H-81415W	38	H-83713W	45	H-86442W-R	52	H-G-81707W	5, 57
H-80644W	46	H-81415WHV	38	H-83713W-T114	45	H-86442W-RX	52	H-G-81707W-R	5, 57
H-80645W	46	H-81416	38	H-83714W	45	H-86443W	52	H-GX562W-40M	36
H-80646W	46	H-81416HV	38	H-83714W-T112	45	H-86443W-R	52	H-GX563W-40M	36
H-80647W	46	H-81416HV-RF375	40	H-83714W-T114	45	H-86443W-RX	52	H-GX565W-40M	36
H-80670W-T12	47	H-81416W	38	H-83715W-T112	45	H-86444W	52	H-GX566W-40M	36
H-80670W-T34	47	H-81416WHV	38	H-84063W	18, 19	H-86444W-R	52	H-GX567W-40M	36
H-80671W-T12	47	H-81417HV	38	H-84443W	18, 19	H-86452W	53	H-HCE4-43	25
H-80671W-T34	47	H-81417HV-RF400	40	H-84443WPR	18, 19	H-86452W-R	53	H-HCE4-44	25
H-80672W	48	H-81417HV-RF475	40	H-84443WPR-GST	20	H-86453W	53	H-HCE4-53	25
H-80673W	48	H-81417WHV	38	H-84443WPR-LF	18, 19	H-86453W-R	53	H-HCE4-54	25
H-80674W	48	H-81424HV	41	H-84444W	18, 19, 25	H-86453W-R14	53	H-HCE4-63	25
H-80675W	48	H-81562W	37	H-84444WPR	18, 19	H-86454W-R12	53	H-HCE4-64	25
H-80692W	50	H-81563W	37	H-84444WPR3	25	H-86603W	51	H-HCE4-73	25
H-80693W	50	H-81564W	37	H-84444WPR-LF	18, 19	H-86604W	51	H-HCE4-74	25
H-80694W	50	H-81565W	37	H-84613	42	H-88354-43	23, 25	H-HCE4-94	25
H-80695W	50	H-81612W	42	H-84614	42	H-88354-44	23, 25	H-HCE5-44	25
H-80696W	50	H-81613W	42	H-84702W	57	H-88613	48	H-HCE5-45	25
H-80742W	46	H-81614W	42	H-84703W	57	H-88614	48	H-HCE5-54	25
H-80743W	46	H-81615W	42	H-84704W	57	H-88615	48	H-HCE5-55	25
H-80744W	46	H-81616W	42	H-84705W	57	H-88616	48	H-HCE5-64	25
H-80745W	46	H-81617W	42	H-84706W	57	H-88643	27	H-HCE5-65	25
H-80746W	46	H-81652W	13	H-84707W	57	H-88644	27	H-HCE5-74	25
H-80747W	46	H-81652W-VR	13	H-85443WPR	18, 19	H-88654	27	H-HCE5-75	25
H-81102W	15	H-81653W	13	H-85443WPR-LH	18, 19	H-88655	27	H-LV02489-02	36
H-81103W	15	H-81653W-DTV	14	H-86152W	53	H-88754-43	23, 25	H-LV02490-02	36
H-81104W	15	H-81653W-DTV-VR	14	H-86153W	53	H-88754-44	23, 25	H-LV02492-02	36
H-81105W	15	H-81653W-DU	14	H-86153W-R	53	H-88765-45	23, 25	H-LV02493-02	36
H-81106W	15	H-81653W-DUBV	14	H-86154W	53	H-88854-43	23, 25	H-LV02494-02	36
H-81107W	15	H-81653W-DUBV-VR	14	H-86154W-R	53	H-88854-44	23, 25		
H-81112W	15	H-81653W-DU-VR	14	H-86155W	53	H-88865-45	23, 25		
H-81113W	15	H-81653W-VR	13	H-86163W	51	H-C7-203	7		



Terms and Conditions of Sale

All NIBCO INC. ("NIBCO") products are sold or otherwise furnished in accordance with these Terms and Conditions of Sale. Any provision of a purchase order or other documentation submitted by customer that conflicts with these Terms and Conditions shall not be binding upon NIBCO. These Terms and Conditions supersede all prior terms and conditions.

NIBCO reserves the right to change, without notice, all list prices or discount schedules. All prices are effective at the time of order unless otherwise stated in writing by NIBCO and except in cases of tariffs or other unexpected events substantially affecting the cost of the products being sold. Sales, use, excise and other federal, state or local taxes relating to goods sold and delivered are the responsibility of the customer/buyer. A fuel surcharge may be applied to all orders contingent upon NIBCO discretion and fuel costs. All orders, including direct shipments, must be shipped in NIBCO determined box quantities.

A finance charge of 1.5% per month or the maximum allowable under the applicable state law will be charged for overdue accounts. NIBCO reserves the right at any time to suspend credit or to change credit terms provided herein, when, in NIBCO's sole opinion, customers financial condition so warrants such suspension and/or change of terms, unless NIBCO determines otherwise. The failure of customer to pay invoices at maturity date shall cause all subsequent invoices immediately due and payable irrespective of terms. Further NIBCO may withhold all subsequent deliveries until the full account is settled and NIBCO shall not, in such event, be liable for nonperformance of contract in whole or in part.

Product Returns

Warranty Returns/Wrong Goods Shipped (NIBCO Responsible). In the event that a NIBCO product is being returned under the applicable NIBCO limited warranty or because NIBCO shipped the wrong product(s), then a NIBCO Return Goods Authorization (RGA) form is required. If NIBCO determines that the wrong product was shipped, then a full credit for the purchase price of the product will be issued. NIBCO shall have the option to field destroy any such product(s).

Customer Request. Products may be returned at the discretion of NIBCO by customer subject to the following conditions: (i) all returns must be made within 12 months from shipment; (ii) NIBCO Return Goods Authorization (RGA) paperwork is required for all product returns; (iii) any NIBCO product that a customer requests to return must be of current design, in clean, resalable condition in original packaging and in NIBCO determined box quantities. NIBCO may request to inspect any products prior to their return to NIBCO. NIBCO will not accept returns of obsolete or discontinued products.

Product returns will not be granted in the months of November and December of any year unless such return is being made as a warranty return or in the event that a NIBCO error was made in the processing or fulfillment of the original order.

Purchase order or invoice numbers are required for all returns. Credit will be issued for product returns acceptable to NIBCO minus a 20% inspection and handling surcharge for stocked material, 30% inspection and handling surcharge for assembled-to-order material. In the event that NIBCO chooses to accept a returned product without a purchase order or invoice, then NIBCO, in its sole discretion, shall determine the value of the products returned. Freight prepaid by customer on all product returns. No return of non-stock or Made-to-Order product will be allowed. No product returns less than \$100 will be allowed.

Shipping Claims. All claims for shipping damages, shortages or inaccuracies on a NIBCO shipment shall be waived, unless made in writing and delivered to NIBCO within five (5) days after customer's receipt of material. Any discrepancies or damage to a NIBCO shipment must be noted on the delivery receipt before the driver leaves customer's facility. Signing "free and clear" of any type of damage or missing skid(s) means you have accepted the shipment as being complete. For Collect Shipments, shipping charges being paid by the customer, all lost in transit and damaged shipment claims shall be made directly with the carrier.

Made-to-Order Items. Orders for Made-to-Order items may not be canceled. Made-to-Order products may not be returned. Delivery of Made-to-Order products is based upon quoted estimated manufacturing lead-time.

The shipping basis is FOB NIBCO's manufacturing or distribution center and the Bill of Lading signed for by the carrier will be conclusive evidence as to the shipment of the property as described therein, on the date of signature. For Alaska and Hawaii ship to destinations the shipping basis is FOB customers designated freight forwarder. NIBCO is not responsible for freight charges from the U.S. port to the end destination. Freight, transportation and shipping charges shall be paid by customer unless minimum NIBCO threshold limit is met; please consult with NIBCO Customer Service regarding applicable minimum threshold shipping limits. Alaska and Hawaii ship to destinations that exceed the minimum NIBCO threshold limit, shipping basis is FOB final destination in Alaska or in Hawaii.

Disclaimer of Warranties. NIBCO products are covered by their respective limited warranties, copies of which are published in NIBCO's sales materials and will be made available to any customer upon request. NIBCO's limited warranties for all of its products are available on NIBCO's website at www.nibco.com. NIBCO MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND, TO THE EXTENT PERMITTED BY LAW, EXCLUDES ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO PERSON IS AUTHORIZED TO EXTEND ADDITIONAL WARRANTIES ON NIBCO'S BEHALF.

Limitation of Liability. IN NO EVENT SHALL NIBCO BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, EXEMPLARY, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS OR OTHER ECONOMIC LOSS.

Force Majeure. NIBCO is not liable for any loss or damage resulting from failure to deliver or delay caused by acts of God, transportation delays, accidents, fire, strike, civil or military authority, or any other cause which is unforeseen or beyond NIBCO's control, including tariffs. Customer waives any obligation of NIBCO to notify it of any such delay.

Customer Service. For quality assurance purposes NIBCO records all inbound and outbound Customer Service calls.

NIBCO's Terms and Conditions of Sale, including the quoted price, are subject to modification at any time, and for any reason, in NIBCO's sole discretion. A modification may be either on an individual or channel basis, as necessary to meet NIBCO's business needs.

Revised January 31, 2024

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/CAN 61 & 372) was performed by ALS Group USA, Corp - 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 ALS, 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.

Webstone[®]
a brand of **NIBCO**[®]

VALVE INNOVATION
INSTALLATION SOLUTIONS

800-225-9529

www.webstonevalves.com

