

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

TWH SERVICE VALVES E-X-P PREMIUM DESIGN



E-X-P TANKLESS WATER HEATER SERVICE VALVE KIT

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

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

TWH SERVICE VALVES E-X-P E2 SPACE SAVING

SPACE SAVING



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

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

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

W/ PRESSURE RELIEF VALVE OUTLET

FIP Union × FIP			500 PSI CWP Max
3/4"	H-44443W	1/10	31
1"	H-44444W	1/10	54
FIP Union × SWT			500 PSI CWP Max
3/4"	H-54443W	1/10	32
1"	H-54444W	1/10	54
FIP Union × Press			250 PSI CWP Max/250°F Max
3/4"	H-84443W	1/10	32
1"	H-84444W	1/10	56
FIP Union × Push			200 PSI CWP Max
3/4"	H-64443W*	1/10	32
FIP Union × ASTM F1960 PEX			400 PSI CWP Max
3/4"	H-34443W [†]	1/10	34
FIP Union × ASTM F1807 PEX			400 PSI CWP Max
3/4"	H-14443W [†]	1/10	33

W/ RESIDENTIAL PRESSURE RELIEF VALVE

FIP Union × FIP			500 PSI CWP Max/210°F Max
3/4"	H-44443WPR	1/10	37
1"	H-44444WPR	1/10	65
FIP Union × SWT			500 PSI CWP Max/210°F Max
3/4"	H-54443WPR	1/10	42
1"	H-54444WPR	1/10	65
FIP Union × Press			250 PSI CWP Max/250°F Max
3/4"	H-84443WPR	1/10	36
1"	H-84444WPR	1/10	65
FIP Union × Push			200 PSI/200°F Max
3/4"	H-64443WPR*	1/10	36
FIP Union × ASTM F1960 PEX			400 PSI CWP Max
3/4"	H-34443WPR [†]	1/10	38
FIP Union × ASTM F1807 PEX			400 PSI CWP Max
3/4"	H-14443WPR [†]	1/10	38

W/ LEAD-FREE RESIDENTIAL PRESSURE RELIEF VALVE

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

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

†SERVICE VALVES ALSO CERTIFIED TO NSF/ANSI 14

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

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

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

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

RECESSED BOXES



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

TWH SERVICE VALVES E-X-P UNION BALL

For appliances with integrated PRV & drain ports



Also perfect for traditional tanked water heater connections

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

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

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

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

*ALSO CERTIFIED TO NSF/ANSI 14

PRESSURE RELIEF VALVE OPTIONS

See next page for a full selection of installation accessories



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

COMMERCIAL PRV 150 PSI/2.7M BTU/HR w/ Close Nipple (see next page)



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