

The ISOLATOR[®]
E·X·P
TWH SERVICE VALVES

Webstone

VALVE INNOVATION

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

PATENTED TECHNOLOGY

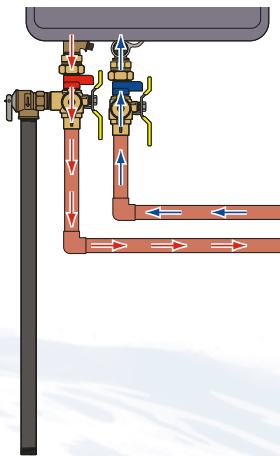


The ISOLATOR[®] E·X·P[™] TWH SERVICE VALVES

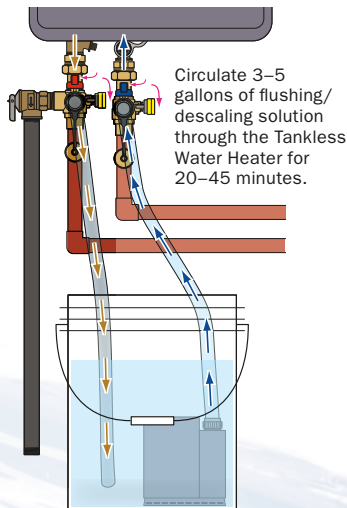
THE ORIGINAL TANKLESS WATER HEATER SERVICE VALVES

- Heavy duty forged brass valves with full port main flow channel & drain
- Hi-flow full port 3/4" drain offers the greatest flow rate
- 304 Stainless steel wing handle for easy actuation of the main ball
- Color coded insulator rings for easy identification of hot & cold valves
- Aluminum handle for easy actuation of the drain ball

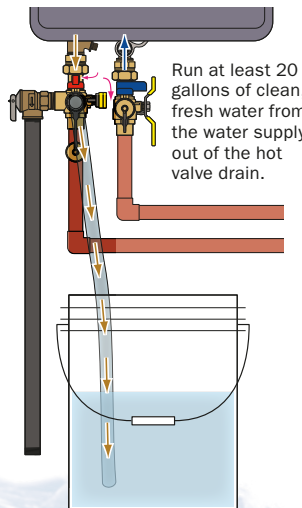
NORMAL OPERATION



CLEANING



FLUSHING



ADVANTAGES

- Quicker, consistent quality installation
- Fewer leak paths
- Allows for easy cleaning or flushing of system
- Allows for one person diagnostic testing of water heater unit
- **GUARANTEED FOR LIFE**

ISOLATOR[®] 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

600 WOG
PATENTED TECHNOLOGY



LEAD-FREE BRASS

Certified to
NSF/ANSI 61-G & 372

	SIZE	ITEM #	CTN/CASE	A	B	C	D	E	F	G
IPS UNION x IPS	3/4"	40443W	1/8	3/4"	4 15/16"	1 1/2"	1 13/16"	2 7/8"	3/4"	3/4"
IPS UNION x SWT	3/4"	50443W	1/8	3/4"	4 15/16"	1 1/2"	1 13/16"	2 7/8"	3/4"	3/4"
INCLUDES RESIDENTIAL PRESSURE RELIEF VALVE (150 PSI/200,000 BTU)										
IPS UNION x IPS	3/4"	40443WPR	1/8	3/4"	4 15/16"	1 1/2"	1 13/16"	2 7/8"	3/4"	3/4"
IPS UNION x SWT	3/4"	50443WPR	1/8	3/4"	4 15/16"	1 1/2"	1 13/16"	2 7/8"	3/4"	3/4"
INCLUDES COMMERCIAL GRADE PRESSURE RELIEF VALVE (150 PSI/2.7M BTU) & CLOSE NIPPLE										
IPS UNION x IPS	3/4"	40443WPR2	1/8	3/4"	4 15/16"	1 1/2"	1 13/16"	2 7/8"	3/4"	3/4"
IPS UNION x SWT	3/4"	50443WPR2	1/8	3/4"	4 15/16"	1 1/2"	1 13/16"	2 7/8"	3/4"	3/4"

AVAILABLE AS:

The ISOLATOR[®]
E·X·P[™]
TWH SERVICE VALVES
COMPLETE



- **CHOICE OF IPS OR SWT E-X-P TWH SERVICE VALVES**
- **150 PSI / 200,000 BTU PRESSURE RELIEF VALVE**
- **24" x 3/4" GAS FLEX LINE**
- **3/4" CGA GAS BALL VALVE**

600 WOG
PATENTED TECHNOLOGY



LEAD-FREE BRASS

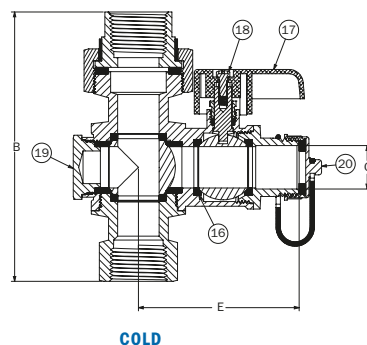
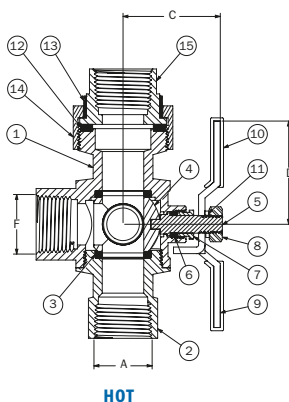
Certified to
NSF/ANSI 61-G & 372

	ITEM #	CTN/CASE
IPS ISOLATOR [®] E-X-P [™] COMPLETE	40443WCOM	1/4
SWT ISOLATOR [®] E-X-P [™] COMPLETE	50443WCOM	1/4

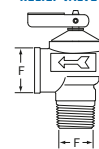
NEED A CUSTOM KIT? CALL OUR SALES PROFESSIONALS AT (800) 225-9529 TO DESIGN A KIT THAT MEETS YOUR SPECIFIC NEEDS.



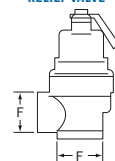
NO.	DESCRIPTION	MATERIAL
1	BODY	BRASS
2	END CAP	BRASS
3	SEAT	PTFE
4	BALL	BRASS HCP
5	STEM	BRASS
6	STEM SEAL	PTFE
7	PACKING GLAND	BRASS
8	HANDLE NUT	STAINLESS STEEL
9	WING STYLE "T" HANDLE	STAINLESS STEEL
10	HANDLE JACKET	VINYL
11	LOCK WASHER	STAINLESS STEEL
12	UNION WASHER	EPDM
13	COLOR INSULATOR RING	ABS
14	UNION NUT	BRASS
15	UNION FITTING	BRASS
16	RETAINING SEATS	PTFE
17	DRAIN VALVE HANDLE	ENAMEL COATED ALUMINUM
18	DRAIN VALVE HANDLE SCREW	BRASS
19	RETAINING NUT	BRASS
20	CAP & STRAP	BRASS W/ EPDM HOSE WASHER & STRAP



RESIDENTIAL PRESSURE RELIEF VALVE



COMMERCIAL PRESSURE RELIEF VALVE

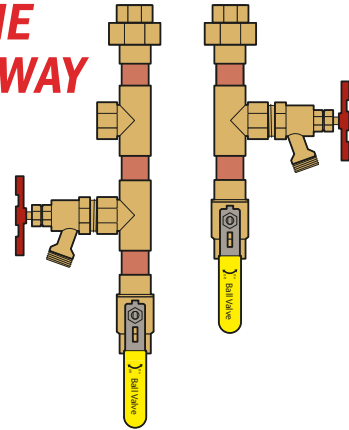


The ISOLATOR[®] E·X·P E2[™] TWH SERVICE VALVES

COMPACT VERSION OF OUR ORIGINAL ISOLATOR E-X-P

- Heavy duty forged brass valves with full port main flow channel
- Uniquely designed lever/wing handle for easy actuation of the main ball
- Color coded aluminum handles for easy identification of hot & cold valves
- Large drain port outlets
- **GUARANTEED FOR LIFE**

**THE
OLD WAY**



The ISOLATOR[®]
E·X·P
TWH SERVICE VALVES

**REPLACES 14 COMPONENTS
ELIMINATES 12 LEAK PATHS
SAVES 108 MINUTES OF LABOR**

ISOLATOR[®] E-X-P E2[™] TANKLESS WATER HEATER SERVICE VALVE KITS

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

500 WOG (Press 250 CWP)
PATENTED TECHNOLOGY



LEAD-FREE BRASS

Certified to
NSF/ANSI 61-G & 372

	SIZE	ITEM #	CTN/CASE	A	B	C	D	E	F	G
INCLUDES RESIDENTIAL PRESSURE RELIEF VALVE (150 PSI/200,000 BTU)										
IPS UNION x IPS	3/4"	44443WPR	1/10	3/4"	4 1/4"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x IPS	1"	44444WPR	1/10	1"	5"	2 3/8"	2 3/8"	2 3/4"	3/4"	3/4"
IPS UNION x SWT	3/4"	54443WPR	1/10	3/4"	4 3/4"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x SWT	1"	54444WPR	1/10	1"	5 1/8"	2 3/8"	2 3/8"	2 3/4"	3/4"	3/4"
IPS UNION x PRESS	3/4"	84443WPR	1/10	3/4"	5 1/4"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x PRESS	1"	84444WPR	1/10	1"	5 3/4"	2"	2 3/8"	2 3/4"	3/4"	3/4"
INCLUDES LEAD-FREE RESIDENTIAL PRESSURE RELIEF VALVE (150 PSI/200,000 BTU)										
IPS UNION x IPS	3/4"	44443WPR-LF	1/10	3/4"	4 1/4"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x IPS	1"	44444WPR-LF	1/10	1"	5"	2 3/8"	2 3/8"	2 3/4"	3/4"	3/4"
IPS UNION x SWT	3/4"	54443WPR-LF	1/10	3/4"	4 3/4"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x SWT	1"	54444WPR-LF	1/10	1"	5 1/8"	2 3/8"	2 3/8"	2 3/4"	3/4"	3/4"
IPS UNION x PRESS	3/4"	84443WPR-LF	1/10	3/4"	5 1/4"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x PRESS	1"	84444WPR-LF	1/10	1"	5 3/4"	2"	2 3/8"	2 3/4"	3/4"	3/4"
INCLUDES COMMERCIAL GRADE PRESSURE RELIEF VALVE (150 PSI/2.7M BTU) & CLOSE NIPPLE										
IPS UNION x IPS	3/4"	44443WPR2	1/10	3/4"	4 1/4"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x IPS	1"	44444WPR2	1/10	1"	5"	2 3/8"	2 3/8"	2 3/4"	3/4"	3/4"
IPS UNION x SWT	3/4"	54443WPR2	1/10	3/4"	4 3/4"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x SWT	1"	54444WPR2	1/10	1"	5 1/8"	2 3/8"	2 3/8"	2 3/4"	3/4"	3/4"
IPS UNION x PRESS	3/4"	84443WPR2	1/10	3/4"	5 1/4"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x PRESS	1"	84444WPR2	1/10	1"	5 3/4"	2"	2 3/8"	2 3/4"	3/4"	3/4"

AVAILABLE AS:

The ISOLATOR[®]
E·X·P
TWH SERVICE VALVES
COMPLETE



- **CHOICE OF IPS OR SWT E2 TWH SERVICE VALVES**
- **150 PSI / 200,000 BTU PRESSURE RELIEF VALVE**
- **24" x 3/4" GAS FLEX LINE**
- **3/4" CGA GAS BALL VALVE**

500 WOG
PATENTED TECHNOLOGY

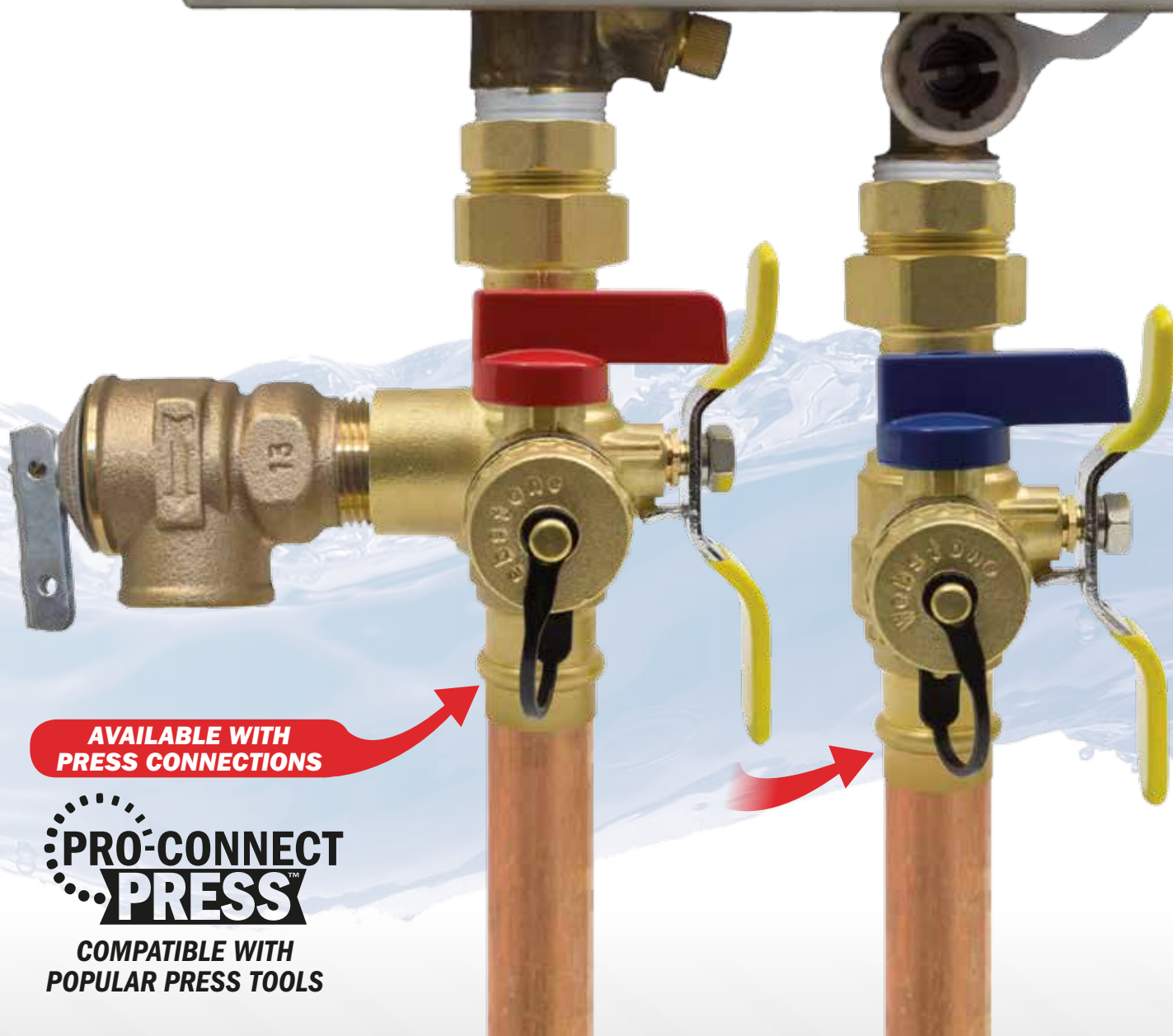


LEAD-FREE BRASS

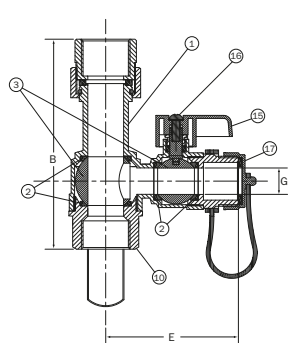
Certified to
NSF/ANSI 61-G & 372

	ITEM #	CTN/CASE
IPS ISOLATOR [®] E-X-P E2 [™] COMPLETE	44443WCOM	1/4
SWT ISOLATOR [®] E-X-P E2 [™] COMPLETE	54443WCOM	1/4

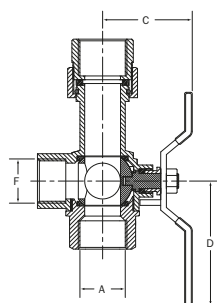
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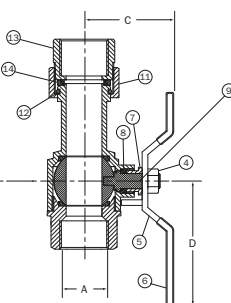
NO.	DESCRIPTION	MATERIAL
1	BODY	BRASS
2	SEATS	PTFE
3	BALL	BRASS HCP
4	HANDLE NUT	STAINLESS STEEL
5	WING/LEVER HANDLE	STEEL CP
6	HANDLE JACKET	VINYL
7	PACKING GLAND	BRASS
8	STEM SEAL	PTFE
9	STEM	BRASS
10	END CAP	BRASS
11	UNION NUT	BRASS
12	RETAINING RING	STAINLESS STEEL
13	UNION FITTING	BRASS
14	WASHER	EPDM
15	DRAIN VALVE HANDLE	ENAMEL COATED ALUMINUM
16	DRAIN VALVE HANDLE SCREW	BRASS
17	CAP & STRAP	BRASS W/ EPDM HOSE WASHER & STRAP



DRAIN

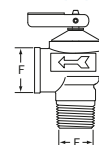


HOT

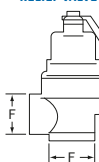


COLD

RESIDENTIAL PRESSURE RELIEF VALVE



COMMERCIAL PRESSURE RELIEF VALVE



The ISOLATOR[®] E·X·P E3[™] TWH SERVICE VALVES

COMPACT VERSION OF OUR ORIGINAL ISOLATOR E-X-P WITH AN ADJUSTABLE PRESSURE RELIEF VALVE OUTLET

- Adjustable pressure relief valve fitting for use with pipe covers & recessed boxes
- Heavy duty forged brass valves with full port main flow channel
- Uniquely designed lever/wing handle for easy actuation of the main ball
- Color coded aluminum handles for easy identification of hot & cold valves
- Large drain port outlets
- **GUARANTEED FOR LIFE**



ISOLATOR[®] E-X-P E3[™] TANKLESS WATER HEATER SERVICE VALVE KITS

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

500 WOG
PATENTED TECHNOLOGY



LEAD-FREE BRASS

Certified to
NSF/ANSI 61-G & 372

	SIZE	ITEM #	CTN/CASE	A	B (COLD)	B (HOT)	C	D	E	F	G
INCLUDES RESIDENTIAL PRESSURE RELIEF VALVE (150 PSI/200,000 BTU)											
IPS UNION x IPS	3/4"	45443WPR	1/10	3/4"	4 1/4"	5 7/8"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x SWT	3/4"	55443WPR	1/10	3/4"	4 3/4"	6 3/8"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
INCLUDES COMMERCIAL GRADE PRESSURE RELIEF VALVE (150 PSI/2.7M BTU) & CLOSE NIPPLE											
IPS UNION x IPS	3/4"	45443WPR2	1/10	3/4"	4 1/4"	5 7/8"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"
IPS UNION x SWT	3/4"	55443WPR2	1/10	3/4"	4 3/4"	6 3/8"	1 5/8"	2 5/8"	2 3/4"	3/4"	1/2"

AVAILABLE AS:

The ISOLATOR[®]
E·X·P
TWH SERVICE VALVES
COMPLETE



- CHOICE OF IPS OR SWT E3 TWH SERVICE VALVES
- 150 PSI / 200,000 BTU PRESSURE RELIEF VALVE
- 24" x 3/4" GAS FLEX LINE
- 3/4" CGA GAS BALL VALVE

500 WOG
PATENTED TECHNOLOGY



LEAD-FREE BRASS

Certified to
NSF/ANSI 61-G & 372

	ITEM #	CTN/CASE
IPS ISOLATOR [®] E-X-P E3 [™] COMPLETE	45443WCOM	1/4
SWT ISOLATOR [®] E-X-P E3 [™] COMPLETE	55443WCOM	1/4

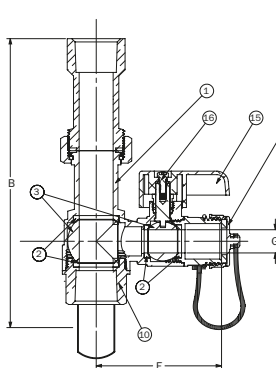
NEED A CUSTOM KIT? CALL OUR SALES PROFESSIONALS AT (800) 225-9529 TO DESIGN A KIT THAT MEETS YOUR SPECIFIC NEEDS.

**A PERFECT FIT FOR INSTALLATION
IN RECESSED BOXES
OR OTHER TIGHT QUARTERS**

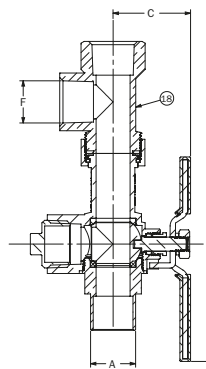


**IDEAL FOR
COMBI BOILER
DOMESTIC
HOT WATER
CONNECTIONS**

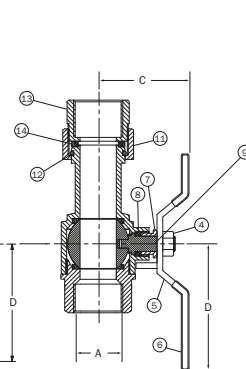
NO.	DESCRIPTION	MATERIAL
1	BODY	BRASS
2	SEATS	PTFE
3	BALL	BRASS HCP
4	HANDLE NUT	STAINLESS STEEL
5	WING/LEVER HANDLE	STEEL CP
6	HANDLE JACKET	VINYL
7	PACKING GLAND	BRASS
8	STEM SEAL	PTFE
9	STEM	BRASS
10	END CAP	BRASS
11	UNION NUT	BRASS
12	RETAINING RING	STAINLESS STEEL
13	UNION FITTING	BRASS
14	WASHER	EPDM
15	DRAIN VALVE HANDLE	ENAMEL COATED ALUMINUM
16	DRAIN VALVE HANDLE SCREW	BRASS
17	CAP & STRAP	BRASS W/ EPDM HOSE WASHER & STRAP
18	RELOCATION ADAPTER (HOT)	BRASS



DRAIN

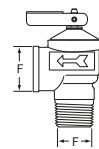


HOT

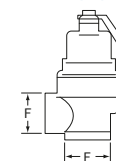


COLD

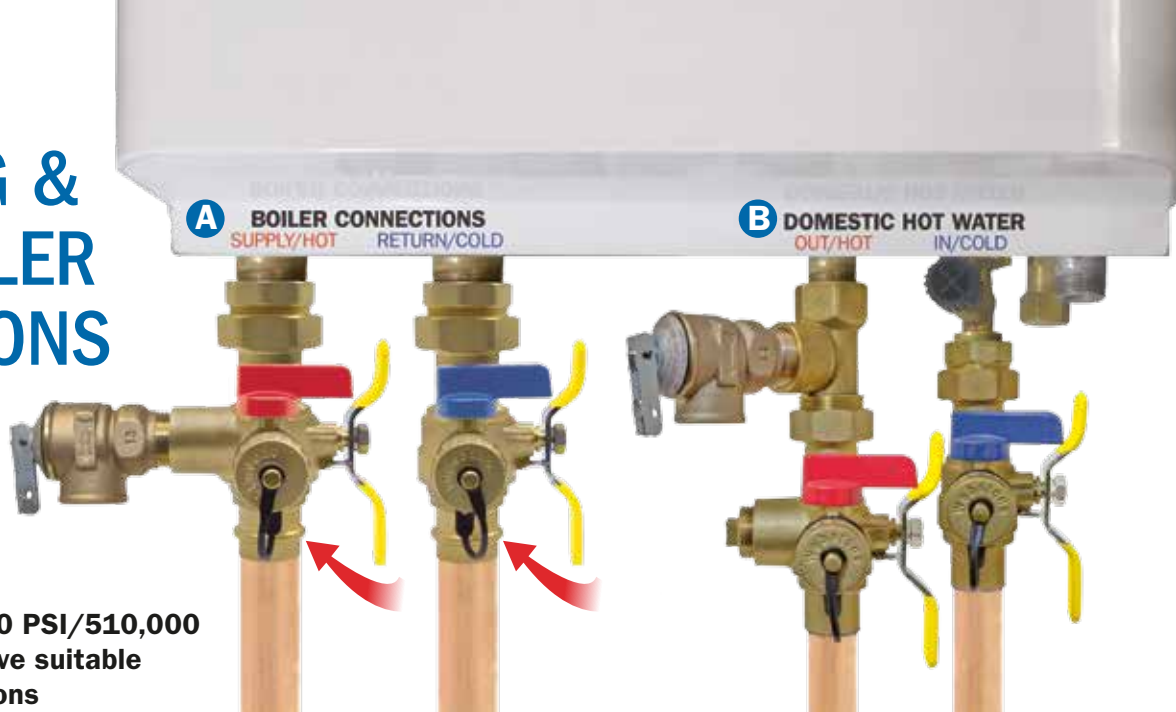
**RESIDENTIAL PRESSURE
RELIEF VALVE**



**COMMERCIAL PRESSURE
RELIEF VALVE**



WALL HUNG & COMBI BOILER INSTALLATIONS



- PR3 Kits **A** include a 30 PSI/510,000 BTU Pressure Relief Valve suitable for boiler heat connections
- Available adjustable pressure relief valve outlet provides greater flexibility in tight quarters
- Hi-flow hose drains streamline system service
- Pair with **B** E2 or E3 Tankless Water Heater Kit, which includes a 150 PSI Pressure Relief Valve suitable for combi boiler domestic hot water connections

WALL HUNG & COMBI BOILER SERVICE VALVE KITS

A Hot & Cold Set of Full Port Forged Brass Ball Valves w/ Hi-Flow Hose Drains, 500 WOG
Pressure Relief Valve Outlet & Adjustable Packing Glands PATENTED TECHNOLOGY
Includes Residential Pressure Relief Valve (30 PSI/510,000 BTU)



STANDARD BRASS

LEAD-FREE BRASS

Certified to
NSF/ANSI 61-G & 372

	SIZE	ITEM #	ITEM #	CTN/CASE
IPS UNION x IPS	3/4"	-	44443WPR3	1/10
IPS UNION x IPS	1"	44444PR3	44444WPR3	1/10
IPS UNION x SWT	3/4"	-	54443WPR3	1/10
IPS UNION x SWT	1"	54444PR3	54444WPR3	1/10
IPS UNION x PRESS	3/4"	-	84443WPR3	1/10
IPS UNION x PRESS	1"	-	84444WPR3	1/10

INCLUDES ADJUSTABLE PRESSURE RELIEF VALVE OUTLET

IPS UNION x IPS	3/4"	-	45443WPR3	1/10
IPS UNION x SWT	3/4"	-	55443WPR3	1/10

ISOLATOR® E-X-P™ ACCESSORIES



RELOCATION ADAPTER KITS

Relocates direction of the pressure relief valve in recessed boxes, tight or unique installations



STANDARD BRASS

LEAD-FREE BRASS

Certified to
NSF/ANSI 61-G & 372

	SIZE	ITEM #	ITEM #	CTN/CASE
FITS E-X-P™	3/4"	28003	-	1/100
FITS E-X-P E2™	3/4"	-	28023W	10/100

PRESSURE RELIEF VALVES



STANDARD BRASS

LEAD-FREE BRASS

Certified to AB 1953(CA)
S.152 (VT) 372 (MD)

	SIZE	ITEM #	ITEM #	CTN/CASE
RESIDENTIAL PRESSURE RELIEF VALVE				
150 PSI/200,000 BTU	3/4"	20713	20713W	1/100
30 PSI/510,000 BTU	3/4"	20733	-	1/100
COMMERCIAL PRESSURE RELIEF VALVE (REQUIRES CLOSE NIPPLE # 29003)				
150 PSI/2.7 MILLION BTU	3/4"	20723	-	1/24
CLOSE NIPPLE	3/4"	29003	29003W	1/100



CERTIFICATIONS DO NOT APPLY TO 29003 & 29003W

Webstone
VALVE INNOVATION

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www.webstonevalves.com