

 **The Isolator[®]**  **-EX-**
TANKLESS WATER HEATER SERVICE VALVES

Webstone
INNOVATION

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

PATENTED TECHNOLOGY





The Isolator[®]

E-X-P

TANKLESS WATER HEATER SERVICE VALVES

THE ORIGINAL TANKLESS WATER HEATER SERVICE VALVES

- Heavy duty full port forged brass with full port main flow channel & drain
- 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
- Available in threaded, sweat, & push on connections
- Available with or without a pressure relief valve (PRV)
- Available as a Residential Kit (150 PSI/ 200,000 BTU PRV) or Commercial Kit (150 PSI/ 2,700,000 BTU PRV)



(3/4" ONLY)

Certified to
NSF/ANSI 61-8

PATENTED
TECHNOLOGY

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

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

ISO 9001
600 WOG

	ITEM #	SIZE	CTN/CS	A	B	C	D	E	F	G	H
IPS UNION × IPS	40443	3/4"	1/8	3/4	4 7/8	1 3/4	1 7/8	2 7/8	3/4	3/4	-
	40444	1"	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4	-
IPS UNION × SWT	50443	3/4"	1/8	3/4	4 7/8	1 7/8	1 7/8	2 7/8	3/4	3/4	-
	50444	1"	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4	-
IPS UNION × PUSH	60443	3/4"	1/8	3/4	6 1/8	1 3/4	1 7/8	2 7/8	3/4	3/4	-
	60444	1"	1/8	1	6 3/4	2 1/8	2	3 5/16	3/4	3/4	-

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

INCLUDES RESIDENTIAL PRESSURE RELIEF VALVE (150 PSI/200,000 BTU)

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

ISO 9001
600 WOG

	ITEM #	SIZE	CTN/CS	A	B	C	D	E	F	G	H
IPS UNION × IPS	40443PR	3/4"	1/8	3/4	4 7/8	1 3/4	1 7/8	2 7/8	3/4	3/4	3/4
	40444PR	1"	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4	3/4
IPS UNION × SWT	50443PR	3/4"	1/8	3/4	4 7/8	1 7/8	1 7/8	2 7/8	3/4	3/4	3/4
	50444PR	1"	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4	3/4
IPS UNION × PUSH	60443PR	3/4"	1/8	3/4	6 1/8	1 3/4	1 7/8	2 7/8	3/4	3/4	3/4
	60444PR	1"	1/8	1	6 3/4	2 1/8	2	3 5/16	3/4	3/4	3/4

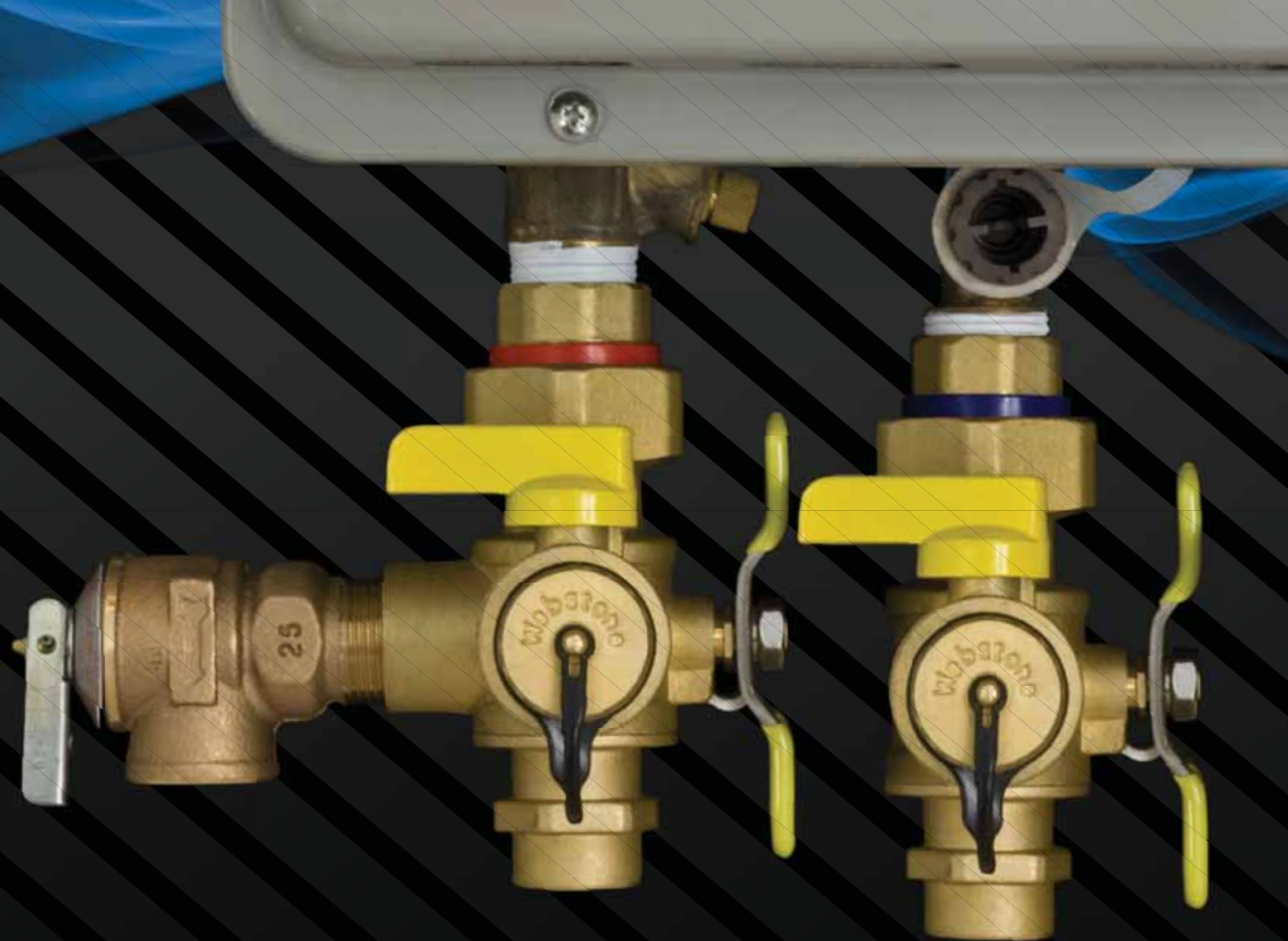
THE ISOLATOR[®] E-X-P™ TANKLESS WATER HEATER SERVICE VALVE KITS

INCLUDES COMMERCIAL GRADE PRESSURE RELIEF VALVE (150 PSI/2,703,000 BTU) & CLOSE NIPPLE

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

ISO 9001
600 WOG

	ITEM #	SIZE	CTN/CS	A	B	C	D	E	F	G	H
IPS UNION × IPS	40443PR2	3/4"	1/8	3/4	4 7/8	1 3/4	1 7/8	2 7/8	3/4	3/4	3/4
	40444PR2	1"	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4	3/4
IPS UNION × SWT	50443PR2	3/4"	1/8	3/4	4 7/8	1 7/8	1 7/8	2 7/8	3/4	3/4	3/4
	50444PR2	1"	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4	3/4
IPS UNION × PUSH	60443PR2	3/4"	1/8	3/4	6 1/8	1 3/4	1 7/8	2 7/8	3/4	3/4	3/4
	60444PR2	1"	1/8	1	6 3/4	2 1/8	2	3 5/16	3/4	3/4	3/4

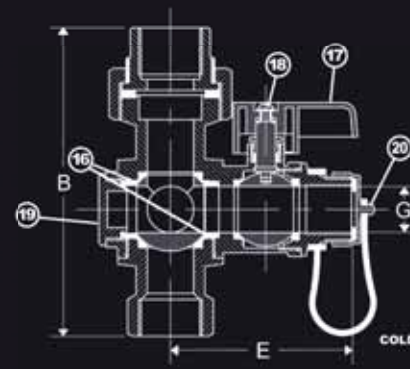
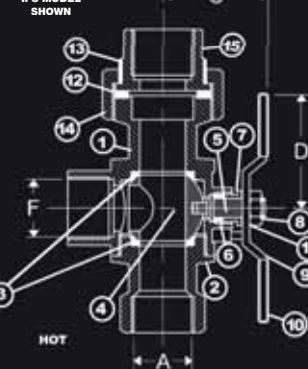


NO. DESCRIPTION

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 W/ EPDM
20	CAP & STRAP	HOSE WASHER

IPS MODEL SHOWN



RESIDENTIAL GRADE PRV



COMMERCIAL GRADE PRV



AVAILABLE AS: **The Isolator[®] E-X-P**
TANKLESS WATER HEATER SERVICE VALVES COMPLETE



- 200,000 BTU PRESSURE RELIEF VALVE
- 24" × 3/4" GAS FLEX LINE
- 24" × 3/4" BRAIDED WATER CONNECTORS
- 3/4" CGA GAS BALL VALVE

PART #	DESCRIPTION
40443COM	IPS ISOLATOR [®] E-X-P™ Complete
50443COM	SWT ISOLATOR [®] E-X-P™ Complete

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

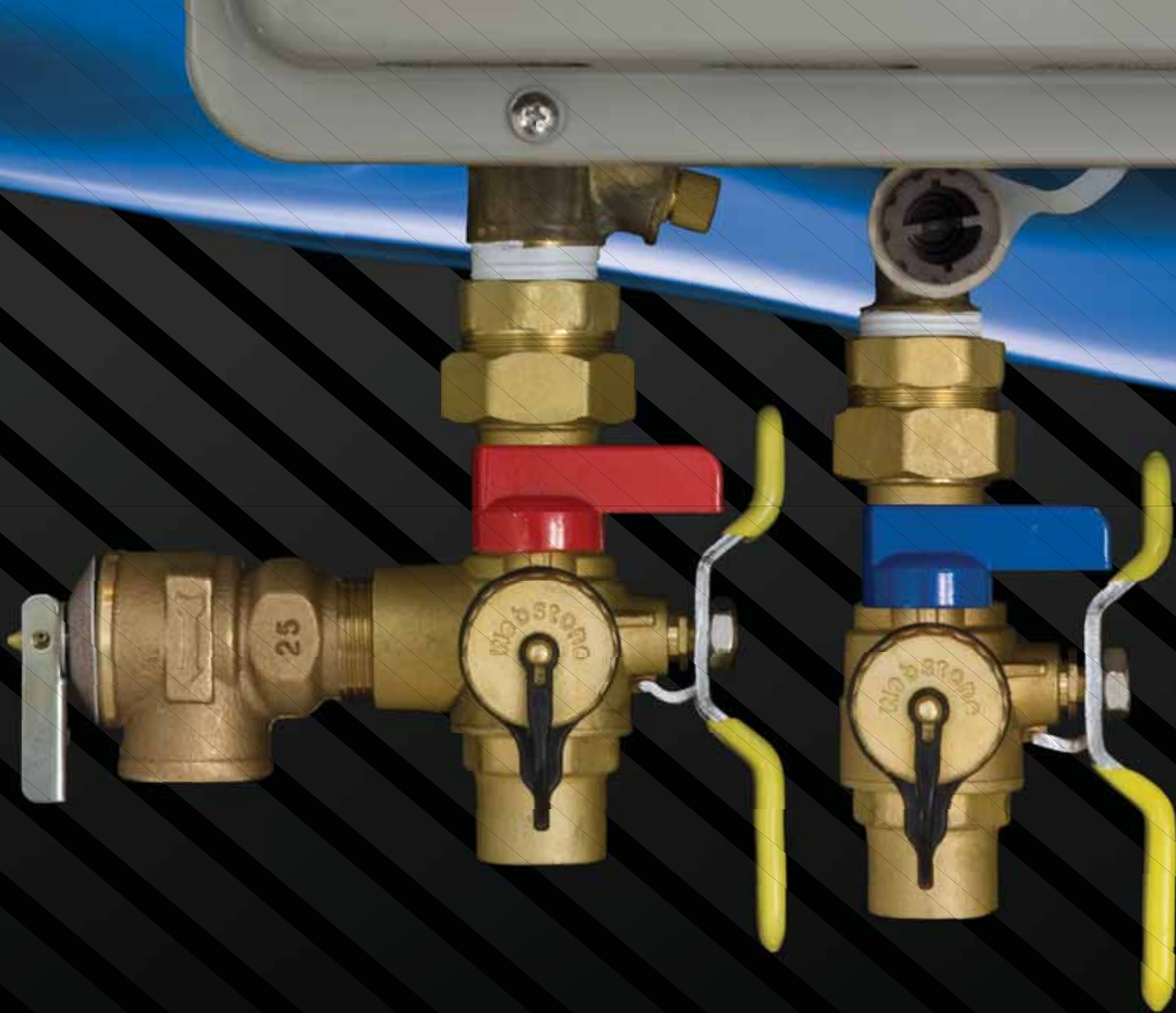


The Isolator[®] EXP E2

TANKLESS WATER HEATER SERVICE VALVES

COMPACT VERSION OF OUR ORIGINAL ISOLATOR E-X-P

- Performs all of the same functions of our original E-X-P
- Heavy duty full port forged brass 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
- Available in threaded & sweat connections
- Available as a Residential Kit (150 PSI/ 200,000 BTU PRV) or Commercial Kit (150 PSI/ 2,700,000 BTU PRV)



THE ISOLATOR [®] E-X-P E2™ TANKLESS WATER HEATER SERVICE VALVE KITS											
INCLUDES RESIDENTIAL PRESSURE RELIEF VALVE (150 PSI/200,000 BTU)											
Hot & Cold Set of Full Port Forged Brass Ball Valves											
w/ Hi-Flow Drains & Pressure Relief Valve Outlet											
	ITEM #	SIZE	CTN/CS	A	B	C	D	E	F	G	H
IPS UNION x IPS	44443PR	3/4"	1/10	3/4	4 1/4	1 5/8	2 5/8	2 3/4	3/4	1/2	3/4
	44444PR	1"	1/8	1	5	2 3/8	2 3/8	2 3/4	3/4	3/4	3/4
IPS UNION x SWT	54443PR	3/4"	1/10	3/4	4 3/4	1 5/8	2 5/8	2 3/4	3/4	1/2	3/4
	54444PR	1"	1/8	1	5 1/8	2 3/8	2 3/8	2 3/4	3/4	3/4	3/4
500 WOG ISO 9001											
THE ISOLATOR [®] E-X-P E2™ TANKLESS WATER HEATER SERVICE VALVE KITS											
INCLUDES COMMERCIAL GRADE PRESSURE RELIEF VALVE (150 PSI/2,703,000 BTU) & CLOSE NIPPLE											
Hot & Cold Set of Full Port Forged Brass Ball Valves											
w/ Hi-Flow Drains & Pressure Relief Valve Outlet											
	ITEM #	SIZE	CTN/CS	A	B	C	D	E	F	G	H
IPS UNION x IPS	44443PR2	3/4"	1/6	3/4	4 1/4	1 5/8	2 5/8	2 3/4	3/4	1/2	3/4
	44444PR2	1"	1/6	1	5	2 3/8	2 3/8	2 3/4	3/4	3/4	3/4
IPS UNION x SWT	54443PR2	3/4"	1/6	3/4	4 3/4	1 5/8	2 5/8	2 3/4	3/4	1/2	3/4
	54444PR2	1"	1/6	1	5 1/8	2 3/8	2 3/8	2 3/4	3/4	3/4	3/4
500 WOG ISO 9001											

LEAD FREE
CLEAN BRASS
THE CLEAR CHOICE FOR THE PROFESSIONAL

Available with lead-free
CLEANBRASS construction
for compliance with
AB 1953 - Annex G


Certified to
NSF/ANSI 61-8
PATENTED TECHNOLOGY

AVAILABLE AS:



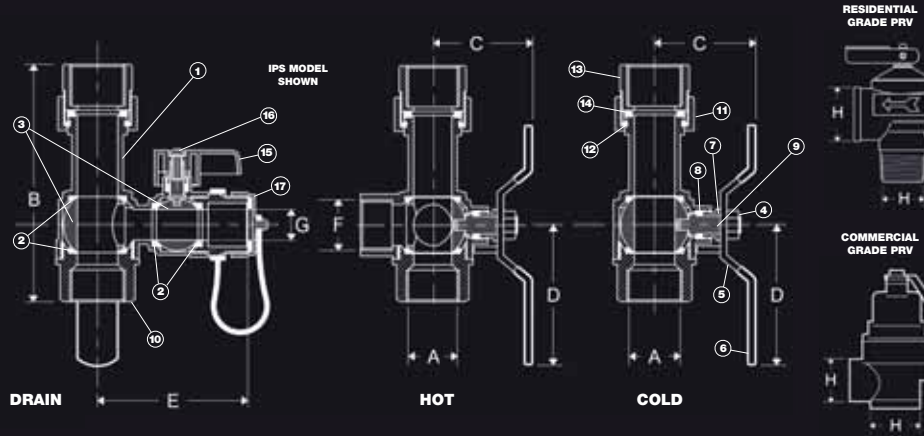
PART #	DESCRIPTION
44443COM	IPS ISOLATOR [®] E-X-P™ E2 Complete
54443COM	SWT ISOLATOR [®] E-X-P™ E2 Complete

- 200,000 BTU PRESSURE RELIEF VALVE
- 24" x 3/4" GAS FLEX LINE
- 24" x 3/4" BRAIDED WATER CONNECTORS
- 3/4" CGA GAS BALL VALVE



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

NO.	DESCRIPTION	MATERIAL
1	BODY	BRASS
2	SEATS	PTFE
3	BALL	BRASS HCP
4	HANDLE NUT	STAINLESS STEEL
5	WING STYLE "T" HANDLE	STAINLESS STEEL
6	HANDLE JACKET	VINYL GRIP
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 BRASS
16	DRAIN VALVE HANDLE SCREW	BRASS W/ EPDM
17	CAP AND STRAP	HOSE WASHER



The Isolator[®] E3

TANKLESS WATER HEATER SERVICE VALVES

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

- Performs all of the same functions of our original E-X-P & E2
- Adjustable pressure relief valve fitting for use with pipe covers and recessed boxes
- Heavy duty full port forged brass with full port main flow channel
- Uniquely designed lever/wing handle for easy actuation of the main ball
- Color coded aluminum handles for actuation of the drain ball
- Large drain port outlets
- Available in threaded & sweat connections
- Available as a Residential Kit (150 PSI/ 200,000 BTU PRV) or Commercial Kit (150 PSI/ 2,700,000 BTU PRV)

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

ADJUSTABLE 180°

THE ISOLATOR[®] E-X-P E3™ TANKLESS WATER HEATER SERVICE VALVE KITS INCLUDES RESIDENTIAL PRESSURE RELIEF VALVE (150 PSI/200,000 BTU)

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

500 WOG
ISO 9001

	ITEM #	SIZE	CTN/CS	A	B (COLD)	B (HOT)	C	D	E	F	G	H
IPS UNION x IPS	45443PR	3/4"	1/10	3/4	4 1/4	5 7/8	1 5/8	2 5/8	2 3/4	3/4	1/2	3/4
IPS UNION x SWT	55443PR	3/4"	1/10	3/4	4 3/4	6 3/8	1 5/8	2 5/8	2 3/4	3/4	1/2	3/4

THE ISOLATOR[®] E-X-P E3™ TANKLESS WATER HEATER SERVICE VALVE KITS INCLUDES COMMERCIAL GRADE PRESSURE RELIEF VALVE (150 PSI/2,703,000 BTU) & CLOSE NIPPLE

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

ISO 9001

	ITEM #	SIZE	CTN/CS	A	B (COLD)	B (HOT)	C	D	E	F	G	H
IPS UNION x IPS	45443PR2	3/4"	1/6	3/4	4 1/4	5 7/8	1 5/8	2 5/8	2 3/4	3/4	1/2	3/4
IPS UNION x SWT	55443PR2	3/4"	1/6	3/4	4 3/4	6 3/8	1 5/8	2 5/8	2 3/4	3/4	1/2	3/4

AVAILABLE AS:



- 200,000 BTU PRESSURE RELIEF VALVE
- 24" x 3/4" GAS FLEX LINE
- 24" x 3/4" BRAIDED WATER CONNECTORS
- 3/4" CGA GAS BALL VALVE

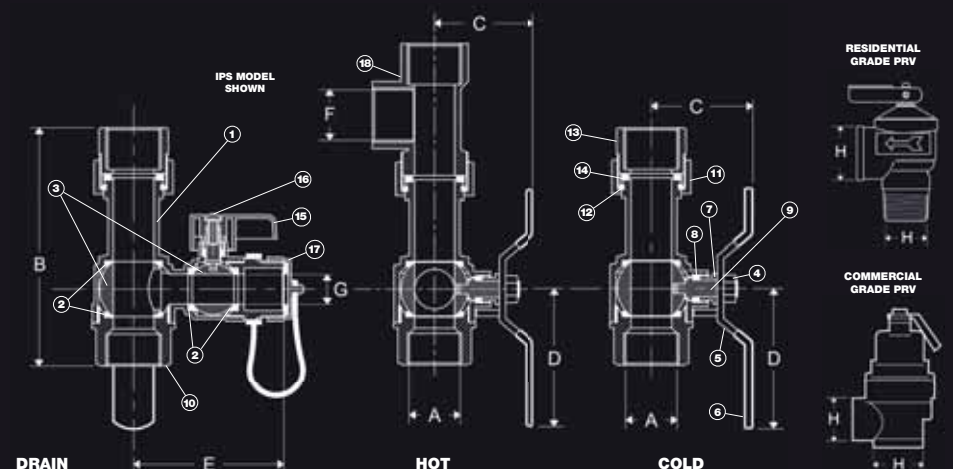
PART #	DESCRIPTION
45443COM	IPS ISOLATOR [®] E-X-P™ E3 Complete
55443COM	SWT ISOLATOR [®] E-X-P™ E3 Complete



NEED A CUSTOM KIT?

CALL OUR SALES PROFESSIONALS AT (800) 225-9529 TO DESIGN A KIT TO MEET YOUR SPECIFIC NEEDS.

NO.	DISCRIPTION	MATERIAL
1	BODY	BRASS
2	SEATS	PTFE
3	BALL	BRASS HCP
4	HANDLE NUT	STAINLESS STEEL
5	WING STYLE "T" HANDLE	STAINLESS STEEL
6	HANDLE JACKET	VINYL GRIP
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 AND STRAP	BRASS W/ EPDM HOSE WASHER
18	RELOCATION ADAPTER (HOT)	BRASS



Certified to
NSF/ANSI 61-8

PATENTED
TECHNOLOGY

ISOLATOR® E-X-P™ ACCESSORIES

AVAILABLE TO MAKE YOUR JOB EASIER

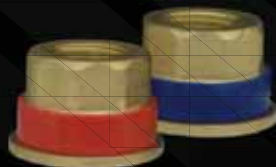


28003 (EXP) & 28023 (E2) Relocation adapter kit

Use this kit to relocate the direction of the pressure relief valve in recessed boxes, tight or unique installations.

40463 (EXP) & 29032 (E2 or E3) 1/2" Union Adapter Kits

Use these kits to change the inlet connection of your service valves from 3/4" to 1/2".



20713 & 20723 Pressure Relief Valves

Residential version (20713 - 150 PSI/ 200,000 BTU)
or Commercial version (20723 - 150 PSI/
2.7 million BTU – requires close nipple # 29003)



THE VALVE OF YOUR CHOICE... WITH THE ACCESSORIES THAT YOU NEED

- The highest level of service & protection
- Higher BTU gas connectors designed specifically for use with tankless water heaters
- Burst resistant stainless steel braided water lines that meet the specs of every TWH manufacturer
- An original Webstone CSA certified Gas Ball Valve
- The only service valves of their kind backed by a lifetime warranty



BENEFITS

- 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

EASY two step installation of your tankless water heater with unsurpassed safety, features and benefits. This complete kit provides easy installation AND easy servicing for the life of the system.

XTRA features like full ports for full flow throughout both valves including large drain outlets for complete and accurate diagnostic testing of your heater. Purging, draining or cleaning your system is a snap with independently operated built-in quarter-turn drain valves.

PROTECTION for the life of your system. Emergencies are handled with quick quarter turn ball valve shut offs for total isolation of your system in seconds. Repair or replace your heater in minutes with easy-fit union style connections that do not disturb your piping system. Best still, all Webstone products are backed by the unbeatable Web Warranty, guaranteeing you a lifetime of trouble free service.

E-X-P IPS

TEMP °F	WOG
100	600
150	490
180	478

E-X-P SWT

TEMP °F	WOG
100	600
150	485
180	431

E-X-P PUSH

TEMP °F	WOG
100	200
150	200
180	200

E2 & E3

TEMP °F	WOG
100	500
150	408
180	398

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