

**Webstone**  
*Company, Inc.*

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

**The Isolator**  
**EX-1**  
TANKLESS WATER HEATER SERVICE VALVES





# The Isolator<sup>®</sup> E-X-P<sup>™</sup>

## TANKLESS WATER HEATER SERVICE VALVES

- Heavy duty forged brass with full port main flow channel and drain
- 304 Stainless steel wing rings for easy identification of the main ball
- Color coded insulator rings for easy identification of the drain ball
- Aluminum handle for easy actuation of the drain ball
- Available in threaded, sweat, and push-on connections
- Available with and without a pressure relief valve (PRV)
- Available as a Residential Kit (200,000 BTU PRV) or Commercial Kit (2,700,000 BTU PRV)
- UPC Listed (3/4" only)
- Certified to NSF 61-8 & NSF 61-9
- **PATENTS PENDING**



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



Certified to:  
**NSF 61-8**  
**NSF 61-9**

### THE ISOLATOR<sup>®</sup> E-X-P<sup>™</sup> TANKLESS WATER HEATER SERVICE VALVE KITS

HOT & COLD SET OF FULL PORT FORGED BRASS BALL VALVES  
W/ HI-FLOW DRAINS & PRESSURE RELIEF VALVE OUTLET

600 WOG  
ISO 9001:2000

	Item #	Size	CTN/CS	A	B	C	D	E	F	G
<b>IPS UNION X IPS</b>	40443	3/4	1/8	3/4	4 15/16	1 1/2	1 13/16	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
<b>IPS UNION X SWT</b>	50443	3/4	1/8	3/4	4 15/16	1 1/2	1 13/16	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
<b>IPS UNION X PUSH</b>	60443	3/4	1/8	3/4	6 1/8	1 1/2	1 13/16	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<sup>®</sup> E-X-P<sup>™</sup> TANKLESS WATER HEATER SERVICE VALVE KITS

INCLUDES 3/4" 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

600 WOG  
ISO 9001:2000

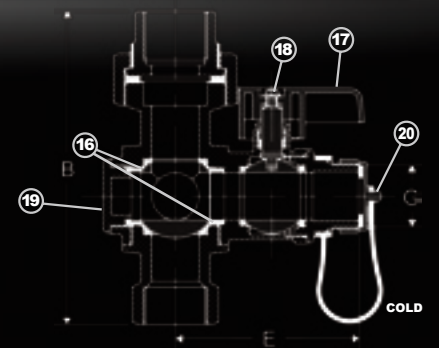
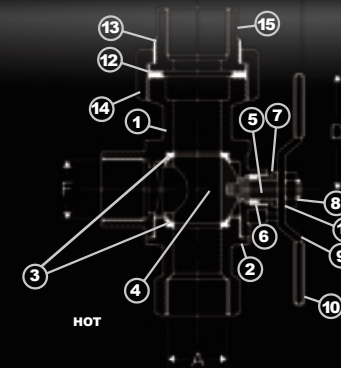
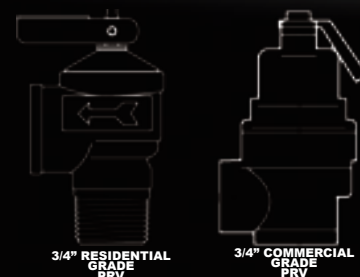
	Item #	Size	CTN/CS	A	B	C	D	E	F	G
<b>IPS UNION X IPS</b>	40443PR	3/4	1/8	3/4	4 15/16	1 1/2	1 13/16	2 7/8	3/4	3/4
	40444PR	1	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4
<b>IPS UNION X SWT</b>	50443PR	3/4	1/8	3/4	4 15/16	1 1/2	1 13/16	2 7/8	3/4	3/4
	50444PR	1	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4
<b>IPS UNION X PUSH</b>	60443PR	3/4	1/8	3/4	6 1/8	1 1/2	1 13/16	2 7/8	3/4	3/4
	60444PR	1	1/8	1	6 3/4	2 1/8	2	3 5/16	3/4	3/4

### THE ISOLATOR<sup>®</sup> E-X-P<sup>™</sup> TANKLESS WATER HEATER SERVICE VALVE KITS

INCLUDES 3/4" COMMERCIAL GRADE PRESSURE RELIEF VALVE (150 PSI/2,703,000 BTU) & 3/4" CLOSE NIPPLE  
HOT & COLD SET OF FULL PORT FORGED BRASS BALL VALVES  
W/ HI-FLOW DRAINS & PRESSURE RELIEF VALVE OUTLET

600 WOG  
ISO 9001:2000

	Item #	Size	CTN/CS	A	B	C	D	E	F	G
<b>IPS UNION X IPS</b>	40443PR2	3/4	1/8	3/4	4 15/16	1 1/2	1 13/16	2 7/8	3/4	3/4
	40444PR2	1	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4
<b>IPS UNION X SWT</b>	50443PR2	3/4	1/8	3/4	4 15/16	1 1/2	1 13/16	2 7/8	3/4	3/4
	50444PR2	1	1/8	1	5 3/8	2 1/8	2	3 5/16	3/4	3/4
<b>IPS UNION X PUSH</b>	60443PR2	3/4	1/8	3/4	6 1/8	1 1/2	1 13/16	2 7/8	3/4	3/4
	60444PR2	1	1/8	1	6 3/4	2 1/8	2	3 5/16	3/4	3/4



1. BODY
2. END CAP
3. SEATS (4)
4. BALL (2)
5. STEM (2)
6. STEM SEAL (2)
7. PACKING GLAND (2)
8. HANDLE NUT
9. WING STYLE "T" HANDLE
10. HANDLE JACKET

FORGED BRASS (ASTM B283-C37700)  
FORGED BRASS (ASTM B283-C37700)  
TEFLON® (PTFE)  
BRASS/HARD CHROME PLATE  
BRASS (ASTM B124-C37700)  
TEFLON® (PTFE)  
BRASS (ASTM B124-C37700)  
304 STAINLESS STEEL  
304 STAINLESS STEEL  
VINYL GRIP

11. LOCK WASHER
12. UNION WASHER
13. COLORED INSULATOR RING
14. UNION NUT
15. UNION FITTING
16. RETAINING SEATS (2)
17. DRAIN VALVE HANDLE
18. DRAIN VALVE HANDLE SCREW
19. RETAINING NUT
20. CAP AND STRAP

304 STAINLESS STEEL  
NITRATE BUTADIENE (NBR)  
ABS  
BRASS (ASTM B124-C37700)  
BRASS (ASTM B124-C37700)  
TEFLON® (PTFE)  
ENAMEL COATED ALUMINUM  
BRASS (ASTM B124-C37700)  
FORGED BRASS (ASTM B283-C37700)  
BRASS (ASTM B124-C37700)  
W/ NBR HOSE WASHER



# The Isolator EXPICE2™

TANKLESS WATER HEATER SERVICE VALVES

COMPACT VERSION OF OUR ORIGINAL ISOLATOR® E-X-P™  
INSTALLS IN FOUR AND A QUARTER INCHES OF SPACE

- Heavy duty forged brass with full port main flow channel
- Performs all of the same functions of our original E-X-P™
- Packaged with pressure relief valve for residential use (200,000 BTU)
- Uniquely designed lever/wing handle for easy actuation of the main ball
- Color coded handles for easy identification of hot & cold valves
- Available in threaded, sweat and push-on connections
- Large port drain outlets
- Conforms to NSF 61-8
- PATENTS PENDING



# The Isolator EXPICE3™

TANKLESS WATER HEATER SERVICE VALVES

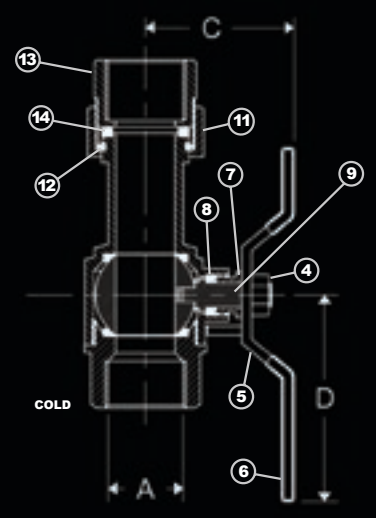
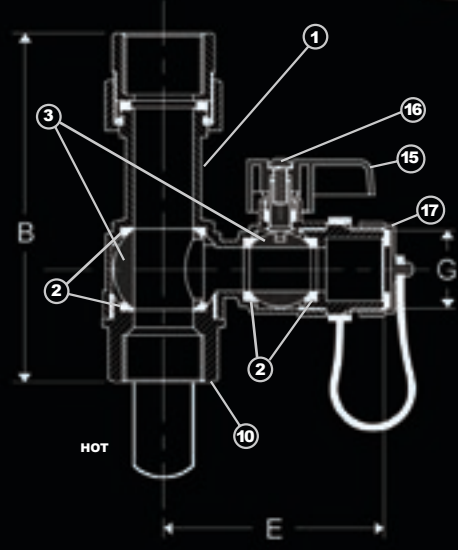
COMPACT VERSION OF OUR ORIGINAL ISOLATOR® E-X-P™  
WITH AN ADJUSTABLE PRESSURE RELIEF VALVE OUTLET

- Heavy duty forged brass with full port main flow channel
- Performs all of the same functions of our original E-X-P™
- Packaged with pressure relief valve for residential use (200,000 BTU)
- Uniquely designed lever/wing handle for easy actuation of the main ball
- Color coded handles for easy identification of hot & cold valves
- Available in threaded, sweat and push-on connections
- Large port drain outlets
- Conforms to NSF 61-8
- Adjustable outlet for pressure relief valve
- PATENTS PENDING



THE ISOLATOR® E-X-P™ E2 TANKLESS WATER HEATER					SERVICE VALVE KITS					500 WOG	ISO 9001:2000
INCLUDES 3/4" RESIDENTIAL GRADE PRESSURE RELIEF VALVE HOT & COLD SET OF FULL PORT FORGED BRASS BALL VALVES W/ HI-FLOW DRAINS & PRESSURE RELIEF VALVE OUTLET					(150 PSI/200,000 BTU)						
IPS UNION X IPS	Item #	Size	CTN/CS	A	B	C	D	E	F	G	
IPS UNION X IPS	44443PR	3/4	1/10	3/4	4 1/4	1 5/8	2 5/8	3/4	-	3/4	
IPS UNION X SWT	54443PR	3/4	1/10	3/4	4 3/4	1 5/8	2 5/8	3/4	-	3/4	

THE ISOLATOR® E-X-P™ E3 TANKLESS WATER HEATER					SERVICE VALVE KITS					500 WOG	ISO 9001:2000
INCLUDES 3/4" RESIDENTIAL GRADE PRESSURE RELIEF VALVE & ADJUSTABLE PRESSURE RELIEF VALVE FITTING HOT & COLD SET OF FULL PORT FORGED BRASS BALL VALVES W/ HI-FLOW DRAINS & PRESSURE RELIEF VALVE OUTLET					(150 PSI/200,000 BTU)						
IPS UNION X IPS	Item #	Size	CTN/CS	A	B (cold)	B (hot)	C	D	E	F	G
IPS UNION X IPS	45443PR	3/4	1/10	3/4	4 1/4	5 7/8	1 5/8	2 5/8	3/4	3/4	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	3/4	3/4	3/4

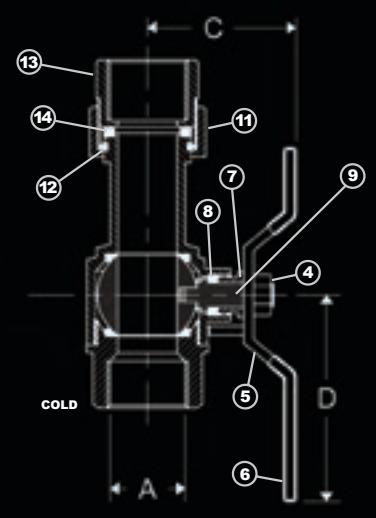
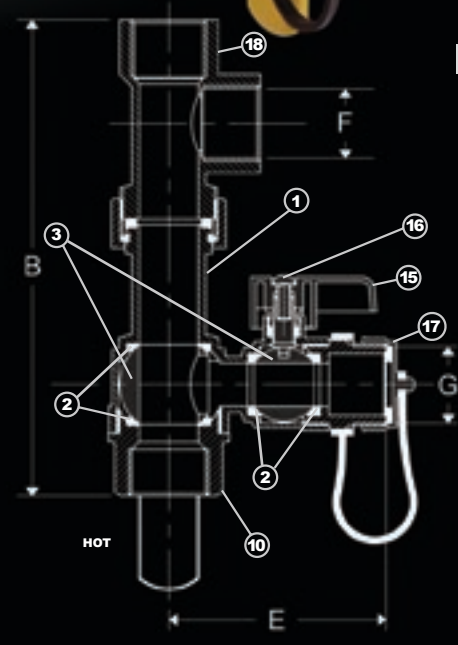


1. BODY
2. SEATS (4)
3. BALL (2)
4. HANDLE NUT
5. WING STYLE "T" HANDLE
6. HANDLE JACKET
7. PACKING GLAND (2)
8. STEM SEAL (2)
9. STEM (2)

- FORGED BRASS (ASTM B283-C37700)  
TEFLON® (PTFE)  
BRASS/HARD CHROME PLATE  
CHROME PLATED BRASS  
CHROME PLATED STEEL  
VINYL GRIP  
BRASS (ASTM B124-C37700)  
TEFLON® (PTFE)  
BRASS (ASTM B124-C37700)

10. END CAP
11. UNION NUT
12. RETAINING RING
13. UNION FITTING
14. WASHER
15. DRAIN VALVE HANDLE
16. DRAIN VALVE HANDLE SCREW
17. CAP AND STRAP
18. RELOCATION ADAPTER (HOT)

- FORGED BRASS (ASTM B283-C37700)  
BRASS (ASTM B124-C37700)  
304 STAINLESS STEEL  
BRASS (ASTM B124-C37700)  
NITRATE BUTADIENE (NBR)  
ENAMEL COATED ALUMINUM  
BRASS (ASTM B124-C37700)  
BRASS (ASTM B124-C37700)  
W/ NBR HOSE WASHER  
FORGED BRASS (ASTM B283-C37700)



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



# The Isolator<sup>TM</sup>

## E-X-P<sup>TM</sup> COMPLETE

TANKLESS WATER HEATER SERVICE VALVES

COMPLETE KITS DESIGNED TO MAKE  
YOUR INSTALLATION EASIER!

### ABOUT THE COMPONENTS IN OUR KITS...

- The Isolator E-X-P<sup>TM</sup> line of tankless water heater service valves provides:
  - The highest level of service & protection
  - A patent pending, UPC certified\* design that conforms to NSF 61-8 (\*original E-X-P<sup>TM</sup> models only)
- The only valves of their kind backed by a lifetime warranty
- Higher BTU gas connectors designed specifically for use with tankless water heaters
- Burst resistant stainless steel braided water lines, designed to meet the specs of every tankless water heater manufacturer
- The original Webstone Gas Ball Valve is CSA certified and **GUARANTEED FOR LIFE**

### All E-X-P<sup>TM</sup> Complete Kits Include:

- 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
- TEFLON<sup>®</sup> TAPE

Part #	DESCRIPTION
40443COM	IPS ISOLATOR <sup>®</sup> E-X-P <sup>TM</sup> Complete
50443COM	SWT ISOLATOR <sup>®</sup> E-X-P <sup>TM</sup> Complete
44443COM	IPS ISOLATOR <sup>®</sup> E-X-P <sup>TM</sup> E2 Complete
54443COM	SWT ISOLATOR <sup>®</sup> E-X-P <sup>TM</sup> E2 Complete
45443COM	IPS ISOLATOR <sup>®</sup> E-X-P <sup>TM</sup> E3 Complete
55443COM	SWT ISOLATOR <sup>®</sup> E-X-P <sup>TM</sup> E3 Complete

### NEED A CUSTOM KIT?

ORDER THE RIGHT KIT TO MEET YOUR NEEDS FROM THE CHART ABOVE OR CALL OUR SALES PROFESSIONALS  
AT (800) 225-9529 TO DISCUSS DESIGNING A CUSTOM KIT TO MEET YOUR SPECIFIC NEEDS.



THE VALVE OF YOUR CHOICE...

...WITH THE ACCESSORIES THAT YOU NEED





# ISOLATOR® E-X-P™ ACCESSORIES

## AVAILABLE TO MAKE YOUR JOB EASIER



**28003 28023**  
**RELOCATION ADAPTER KIT**  
USE THIS KIT TO RELOCATE THE DIRECTION OF THE PRESSURE RELIEF VALVE IN RECESSED BOXES, TIGHT OR UNIQUE INSTALLATIONS.



**28013 28014**  
**OR**  
**3/4" OR 1" PUSH ON CONNECTION FITTING**  
USE THESE FITTINGS TO CREATE EASY PUSH-ON CONNECTION OF YOUR ORIGINAL E-X-P™, E2, OR E3 VALVE TO COPPER OR PEX.



**40463**  
**1/2" UNION ADAPTER KIT**  
USE THIS KIT TO CHANGE THE INLET CONNECTION OF YOUR ORIGINAL ISOLATOR® E-X-P™ VALVES FROM 3/4" TO 1/2". (NOT FOR USE WITH E2 OR E3 MODELS)



**20713 20723**  
**RESIDENTIAL OR COMMERCIAL PRV**  
PRESSURE RELIEF VALVES AVAILABLE IN BOTH RESIDENTIAL VERSION (200,000 BTU) OR COMMERCIAL VERSION (2,700,000 BTU)

### FEATURES

- UPC Certified (original E-X-P™ models only)
- Unique patent pending design
- Heavy forged brass construction
- Conforms to NSF 61-8
- Full port throughout entire valve body
- Reduced port drains on E2 & E3
- Available in IPS, SWT, & PUSH connections
- Easy quarter-turn ball valve operation
- Allows for easy cleaning or flushing of system
- Allows for one person diagnostic testing of heater unit
- Individually controlled drain outlet with safety caps
- 304 stainless steel wing style handles on original E-X-P™
- Uniquely designed plated steel lever/wing style handles on E2 & E3
- 3/4" outlet for pressure relief valve
- Easy hot & cold union connections

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

**EXTRA** features like a full port 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.



All Teflon® seated valves  
"Maximum Temperature is 400°F @ 100 PSI"

YOU ARE ALSO **PROTECTED** BY THE **BEST WARRANTY IN THE BUSINESS,**  
**THE WEB WARRANTY,** GUARANTEEING YOU A **LIFETIME** OF TROUBLE FREE SERVICE.

**One Appian Way, Worcester, MA 01610**  
**Phone: (800) 225-9529 Fax: (800) 336-5133**  
**www.webstonevalves.com**