

## SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

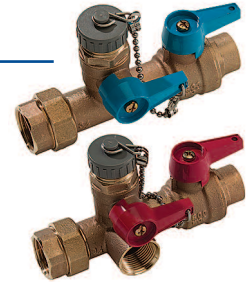
# TANKLESS WATER HEATER ISOLATION VALVE KIT

## with hot and cold isolation valves & pressure relief valve

Full port, positive-shutoff ball-type design  
Durable bronze and forged brass construction  
Union tank connections permit unlimited positioning  
150 PSI pressure relief valve included

Integral, capped drain valves permit water heater servicing  
Working Pressure, Non-Shock (PSI)  
Saturated Steam: Not Recommended  
Cold Water, Oil, Gas: 600 P.S.I.

- Pressure relief valve is ASME listed and ANSI Z21.22 / CSA 4.4 compliant:
- CSA rated to 200,000 btu/hr.
- ASME rated to 150 psi and 500,000 btu/hr.
- Manufactured in an ISO 9002 accredited facility
- End connections comply with the following specifications:  
Female NPT: ANSI/ASME B1.20.1  
Female sweat: ASME B16.18  
Hose threads: ASME B1.20.7



### MATERIAL SPECIFICATION

PART	MATERIAL		
1 Handle screw	Plated steel	AISI 1010	
2 Handle	Aluminum	ASTM B86 AC41	
3 Packing nut	Brass	ASTM B16 C36000	
4 Stem packing	PTFE Teflon*	Commercial grade	
5 Stem	Brass	ASTM B16 C36000	
6 Drain valve stem	Brass	ASTM B16 C36000	
7 Seat (2)	PTFE Teflon*	Commercial grade	
8 Ball	Chrome plated forged brass	ASTM B124 C36000	
9 End adapter (IPS)	Forged brass	ASTM B124 C37700	
10 End adapter (sweat)	Forged brass	ASTM B124 C37700	
11 Body	Bronze	ASTM B584 C85700	
12 Union nut retaining ring	Stainless steel	AISI grade 420 stainless	
13 Union gasket	Flexible PVC	Commercial grade	
14 Union nut	Bronze	ASTM B584 C85700	
15 Tailpiece adapter	Forged brass	ASTM B124 C37700	
16 Drain valve seat (2)	PTFE Teflon	Commercial grade	
17 Drain valve ball	Chrome plated forged brass	ASTM B124 C36000	
18 Drain valve end adapter (NH)	Forged brass	ASTM B124 C37700	
19 Drain valve cap	Nylon resin	Commercial grade	
20 Drain valve cap gasket	NBR (Buna-N) Rubber	Commercial grade	
21 Cap chain ring	Steel	ASTM A227	
22 Cap chain	Copper-Nickel alloy	ASTM B122 C77000	
23 Cap chain connector	Stainless Steel	AISI grade S43000	

\*TEFLON IS A REGISTERED TRADEMARK OF DUPONT

### DIMENSIONS – WEIGHTS

Size	A	B	C	D	E	Wt. (lb)
3/4" IPS	5.49	2.97	1.72	1.58	1.54	3.6
3/4" Swt.	5.85	2.97	1.72	1.58	1.54	3.4

