

# TE Thermal Expansion Tank

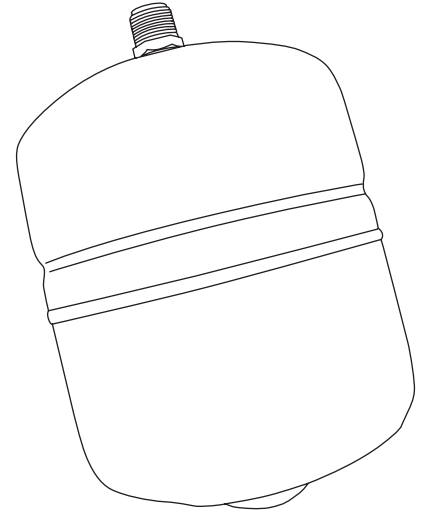
## DESCRIPTION

The Cash Acme TE Series Thermal Expansion Tanks are ideal for domestic hot water applications, designed to take up the expanded water within a water heater when a backflow device is installed on the heater inlet.

The **Cash Acme TE Tanks** feature materials suitable for use with potable water.

### SIZES:

- TE-5 @ 2.1 gal
- TE-12 @ 5 gal
- TE-15 @ 6.5 gal
- TE-30 @ 13.5 gal



## FEATURES AND BENEFITS

Welded Construction:

*Ensures long and reliable service.*

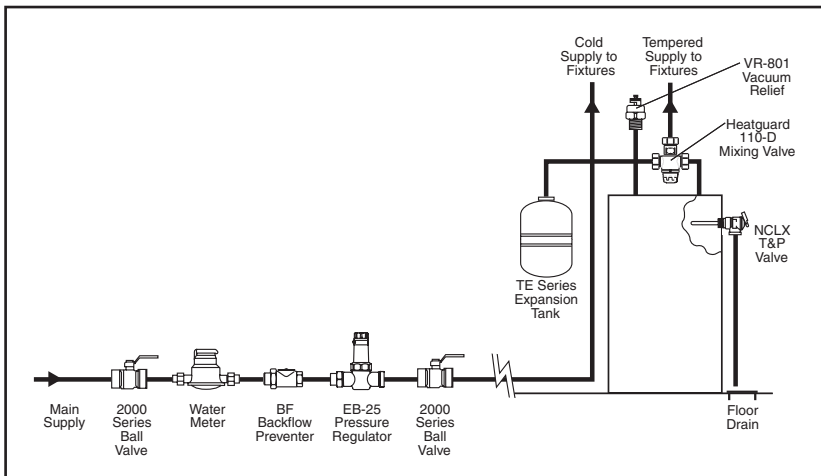
The tank connection has a plastic sleeve:

*Protects against corrosion.*

All models are factory precharged to 40 psi:

*Efficient and economical.*

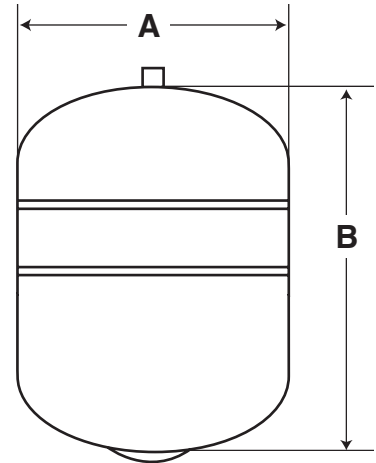
## TYPICAL INSTALLATION



# TE Thermal Expansion Tank

## SPECIFICATION DATA

Model No.	TE-5	TE-12	TE-15	TE-30
Capacity (Gallons)	2.1	5.0	6.5	13.5
Acceptance Volume (Gallons)	1.25	3.0	4.2	8.0
Factory Precharge (PSIG)	40	40	40	40
A - Diameter (Inches)	8"	10.75"	10.75"	15.75"
B - Height (Inches)	10.75"	15"	17"	18.9"
Weight (Pounds)	6.86	13.23	14.22	23.15



### Performance:

Maximum temperature . . . . .200°F  
 Maximum working pressure . . . .150 psi  
 Service . . . . .Domestic water

### Materials:

Diaphragm . . . . .Butyl  
 Internal Lining . . . . .Top Pro® Coating  
 Finish . . . . .Epoxy Paint

## CONNECTIONS

Threaded (NPT): . . . . .3/4" (TE 5, TE 12, TE 15), 1" (TE 30)

### TE Thermal Expansion Tanks - Quick Selection Table

Hot Water Tank Content	Max. Desired Press.(PSIG)	140°F	150°F	160°F	170°F
30 Gallons	90	TE-5	TE-5	TE-5	TE-5
	100	TE-5	TE-5	TE-5	TE-5
	120	TE-5	TE-5	TE-5	TE-5
40 Gallons	90	TE-5	TE-5	TE-12	TE-12
	100	TE-5	TE-5	TE-5	TE-12
	120	TE-5	TE-5	TE-5	TE-5
50 Gallons	90	TE-5	TE-5	TE-12	TE-12
	100	TE-5	TE-5	TE-12	TE-12
	120	TE-5	TE-5	TE-5	TE-12
75 Gallons	90	TE-12	TE-12	TE-12	TE-12
	100	TE-12	TE-12	TE-12	TE-12
	120	TE-5	TE-5	TE-12	TE-12
100 Gallons	90	TE-12	TE-12		TE-15
	100	TE-12	TE-12		TE-15
	120	TE-12	TE-12		TE-12
120 Gallons	90	TE-12	TE-12	TE-15	TE-15
	100	TE-12	TE-12	TE-15	TE-15
	120	TE-12	TE-12	TE-12	TE-15
250 Gallons	90	TE-30	TE-30	TE-30	TE-30
	100			TE-30	
	120			TE-30	

## CERTIFICATIONS

The **Cash Acme TE-5, TE-12 and TE-15 Thermal Expansion Tanks** are certified to the **NSF-61 Standard** and are listed by **NSF**. The **Cash Acme TE series of Thermal Expansion Tanks** are certified to **IAPMO Property Standard PS88** and listed by **IAPMO**.