

WHERE QUALITY COMES FIRST



Easy-Pro

In-Line Thermal Expansion Tanks

■ general features

Advantages

Zilmet has over 50 years of experience in manufacturing high quality diaphragm expansion tanks

- Over 2 million square feet of production space
- Produces over 5 million tanks and 1 million heat exchangers annually
- Fully vertically integrated, designing and manufacturing all diaphragms internally

Zilmet has created a compact design with a seamless diaphragm that never stretches or creases

- There are no bubbles or corners to trap sediment, inhibiting bacterial growth
- International approvals for use with potable water to include NSF 61

Zilmet Thermal Expansion Tanks for Hot Water Heaters

- Prevent dangerous pressure build up
- Protect household appliances and fixtures
- Save energy and water

Technical Features

- All tanks are NSF61 Certified
- Each tank is factory leak tested to ensure tank integrity
- MIG welding eliminated interior rough spots and sharp edges
- Exclusive polypropylene liner eliminates internal corrosion
- External baked epoxy-polyester coating provides a durable appliance like finish
- Protected pre charge valve eliminates potential leak path
- 150 psi max pressure rating

■ material description

| description | material |
|----------------|-----------------|
| shell | carbon steel |
| connection | stainless steel |
| fixed membrane | butyl |
| color | almond |

■ operating conditions

| | |
|-------------------------|---------|
| max. operating pressure | 150 psi |
| operating temperature | 210 °F |
| factory precharge | 40 psi |



■ technical and dimensional data

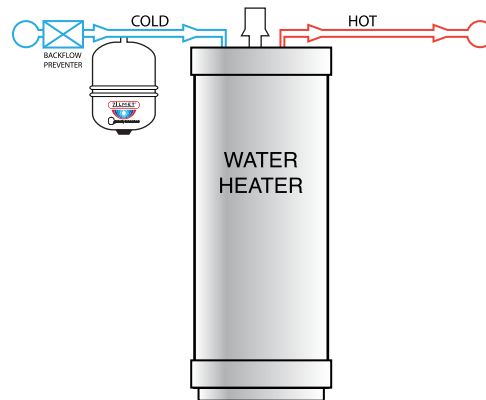
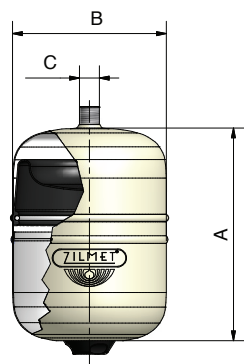
| Model | Capacity gallons | Diameter inches(B) | Height inches(A) | Connection Size inches(C) | Max Acceptance Volume @ 40 psi gallons |
|----------|---------------------|-----------------------|---------------------|------------------------------|---|
| ZEP5 | 2.1 | 7.9 | 11.0 | 3/4" | 1.4 |
| ZEP12 | 4.8 | 10.6 | 13.7 | 3/4" | 3.3 |
| ZEP18 | 6.3 | 11.8 | 15.4 | 3/4" | 4.3 |
| ZEP104IL | 9.2 | 15.0 | 14.6 | 1" | 6.3 |
| ZEP200IL | 13.2 | 15.0 | 19.6 | 1" | 9 |

■ quick sizing chart

| Applications up to 150°F | | | |
|------------------------------|-----------------|----------|----------|
| Water Heater Size gallons | Supply pressure | | |
| | 40 psig | 60 psig | 80 psig |
| 40 | ZEP5 | ZEP5 | ZEP5 |
| 50 | ZEP5 | ZEP5 | ZEP5 |
| 60 | ZEP12 | ZEP12 | ZEP12 |
| 80 | ZEP12 | ZEP12 | ZEP12 |
| 120 | ZEP12 | ZEP12 | ZEP104IL |
| Applications up to 180F | | | |
| 40 | ZEP12 | ZEP12 | ZEP12 |
| 50 | ZEP12 | ZEP12 | ZEP12 |
| 60 | ZEP12 | ZEP12 | ZEP104IL |
| 80 | ZEP12 | ZEP104IL | ZEP104IL |
| 120 | ZEP104IL | ZEP104IL | ZEP104IL |

All thermal tanks must be properly sized and the pre-charge must be properly adjusted to equal the incoming water pressure.
Please consult the installation manual for more details.

2.1-13.2 gallons
IN LINE NO BASE



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