



# Product Bulletin

## Zilmet Thermal Expansion Tank Sizing Program Instructions

May 3, 2023

*This is 2 in a series of 3 Instructional Product Bulletins on the Zilmet Tank Sizing Program.*

*The Zilmet Tank Sizing Program is on our website and is also available as a free downloadable app.*

For any expansion tank sizing, we need to know three factors:

1. **WATER HEATER VOLUME**
2. **TEMPERATURE RANGE**
3. **PRESSURE RANGE**

### Thermal Tank Sizing Input

Click the Icons for Assistance

**Tank Sizing Input - Thermal Expansion**

Water Heater Volume  
 **Water Heater Tank Volume** ?

Low Temperature  
 **Supply Water Temperature** ?

High Temperature  
 **Water Heater Set Point** ?

Initial Pressure  
 **Supply Pressure** ?

Final Pressure  
 **Maximum System Pressure by Design** ?

**Calculate**

**Reset**     **Back**

**1**

If there is a Recirc Loop, add Recirc Loop Volume to Water Heater Volume

**2**

**3**

It is easy to go back and change variables to understand the impact on tank sizing.

When in doubt, always size up. You can't oversize an expansion tank.