



PH, WH & WHV Series Potable Water Thermal Expansion Tanks

QUICK SIZING GUIDE

| Water Heater Size/ Volume | Maximum Water Temperature | | | |
|------------------------------|---------------------------|----------------|----------------|----------------|
| | 130°F | 140°F | 160°F | 180°F |
| 30 gal | PH-5 or WH-8 | PH-5 or WH-8 | PH-5 or WH-8 | PH-5 or WH-8 |
| 40 gal | PH-5 or WH-8 | PH-5 or WH-8 | PH-5 or WH-8 | PH-5 or WH-8 |
| 50 gal | PH-5 or WH-8 | PH-5 or WH-8 | PH-5 or WH-8 | PH-12 or WH-18 |
| 60 gal | PH-5 or WH-8 | PH-5 or WH-8 | PH-5 or WH-8 | PH-12 or WH-18 |
| 80 gal | PH-5 or WH-8 | PH-12 or WH-18 | PH-12 or WH-18 | PH-12 or WH-18 |
| 100 gal | PH-12 or WH-18 | PH-12 or WH-18 | PH-12 or WH-18 | WH-32 |
| 120 gal | PH-12 or WH-18 | PH-12 or WH-18 | PH-12 or WH-18 | WH-32 |
| 150 gal | PH-12 or WH-18 | PH-12 or WH-18 | WH-32 | WH-32 |
| 175 gal | PH-12 or WH-18 | WH-32 | WH-32 | WHV-50 |
| 200 gal | WH-32 | WH-32 | WHV-50 | WHV-50 |
| 240 gal | WH-32 | WH-32 | WHV-50 | WHV-75 |
| 260 gal | WH-32 | WHV-50 | WHV-50 | WHV-75 |
| 280 gal | WH-32 | WHV-50 | WHV-75 | WHV-75 |
| 300 gal | WHV-50 | WHV-50 | WHV-75 | WHV-120 |
| 350 gal | WHV-50 | WHV-50 | WHV-75 | WHV-120 |
| 400 gal | WHV-50 | WHV-75 | WHV-120 | WHV-120 |

Based on total water heater recovery from 40°F.

Based on water supply pressure of 60 PSIG.

Relief valve set at 150 PSIG.

Adjust tank precharge to equal incoming water pressure.

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