



PH & 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 | PH-5 | PH-5 | PH-5 |
| 40 gal | PH-5 | PH-5 | PH-5 | PH-5 |
| 50 gal | PH-5 | PH-5 | PH-5 | PH-12 |
| 60 gal | PH-5 | PH-5 | PH-5 | PH-12 |
| 80 gal | PH-5 | PH-12 | PH-12 | PH-12 |
| 100 gal | PH-12 | PH-12 | PH-12 | PH-25 |
| 120 gal | PH-12 | PH-12 | PH-12 | PH-25 |
| 150 gal | PH-12 | PH-12 | PH-25 | PH-25 |
| 175 gal | PH-12 | PH-25 | PH-25 | WHV-50 |
| 200 gal | PH-25 | PH-25 | WHV-50 | WHV-50 |
| 240 gal | PH-25 | PH-25 | WHV-50 | WHV-75 |
| 260 gal | PH-25 | WHV-50 | WHV-50 | WHV-75 |
| 280 gal | PH-25 | 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.

300 Pond Street, Randolph, Massachusetts 02368
 Call 1.781.986.2424 • Fax 1.781.986.2029
www.flexconind.com

PH-WHV-QSG-06/05



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COMPETITIVE CROSS-REFERENCE GUIDE

| FLEXCON | AMTROL | WATTS | STATE | ELBI | B&G | WILKINS |
|---------|---------|---------------|---------|--------|---------|-----------------|
| PH-5 | ST-5 | PET or DET-5 | ETC-2X | DXT-8 | PT-15 | WXTP-8 or XT-8 |
| PH-12 | ST-12 | PET or DET-12 | ETC-5X | DXT-18 | PT-12 | WXTP-18 or XT18 |
| PH-25 | ST-25V | PET or DET-25 | ETC-7X | DXT-35 | PT-25V | WXTP-32 |
| WHV-50 | ST-30V | PET or DET-30 | ETC-14X | DXT-50 | PT-30V | WXTP-50V |
| WHV-75 | ST-42V | N/A | N/A | N/A | PT-42V | WXTP-75V |
| WHV-120 | ST-60V | N/A | N/A | N/A | PT-60V | WXTP-120V |
| WHV-165 | ST-80V | N/A | N/A | N/A | PT-80V | WXTP-165V |
| WHV-320 | ST-210V | N/A | N/A | N/A | PT-210V | WXTP-320V |

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