



Wilo WXT

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

INSTALLER: LEAVE THIS MANUAL WITH THE END USER

WARNING READ CAREFULLY THE PRODUCT INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS. FAILURE TO FOLLOW THE INSTRUCTIONS AND WARNINGS IN THE MANUAL MAY RESULT IN SERIOUS OR FATAL INJURY AND/OR PROPERTY DAMAGE, AND WILL VOID THE PRODUCT WARRANTY. THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED PROFESSIONAL. FOLLOW ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS, IN THE ABSENCE OF SUCH CODES, FOLLOW THE CURRENT EDITIONS OF THE NATIONAL PLUMBING CODE AND NATIONAL ELECTRIC CODE, AS APPLICABLE.

! THIS IS THE SAFETY ALERT SYMBOL. IT IS USED TO ALERT YOU TO POTENTIAL PERSONAL INJURY AND OTHER HAZARDS. OBEY ALL SAFETY MESSAGES THAT FOLLOW THIS SYMBOL TO REDUCE THE RISK POSSIBLE INJURY AS WELL AS PROPERTY DAMAGE.

NOTE: Inspect for shipping damage and notify carrier or store where purchased immediately if damage is present. To avoid risk of personal injury and property damage, if the product appears to be malfunctioning or shows signs of corrosion, call a qualified professional immediately. Current copies of the product manual can be viewed at www.wilo-usa.com. Use proper safety equipment when installing.

WARNING FAILURE TO PROPERLY SEAL VALVE CAP WILL RESULT IN LOSS OF PRECHARGE CAUSING PRODUCT TO FAIL.

WARNING This product, like more products under pressure, may over time corrode, weaken, burst or explode, causing serious or fatal personal injury, leaking or flooding and/or property damage. To minimize risk, a licensed professional must install and periodically inspect and service the product. A drop pan connected to an adequate drain must be installed if leaking or flowing could cause property damage. Do not locate in an area where leaking could cause property damage to the area adjacent to the appliance or to lower floors of the structure.

EXPLOSION OF RUPTURE HAZARD. A relief valve must be installed to prevent pressure in excess of local code requirement or maximum working pressure designated in the Product Manual, whichever is less. Do not expose product to freezing temperatures or temperatures in excess of 240°F. Do not adjust the pre-charge or re-charge this product except for any adjustments at the time of the initial installation, especially if product is corroded, damaged or with diminished integrity. Adjustments to pre-charge must be done at ambient temperature only. Failure to properly size the product or follow these instructions may result in excess strain on the system and may lead to product failure, serious or fatal personal injury, leakage, and/or property damage.

WARNING WARNING: Mount vertically only. Do not mount on dead-end pipe.

FOR USE IN CLOSED HYDRONIC SYSTEMS ONLY: Do not install for domestic water systems, or in open heating systems. Corrosion and tank failure may result.



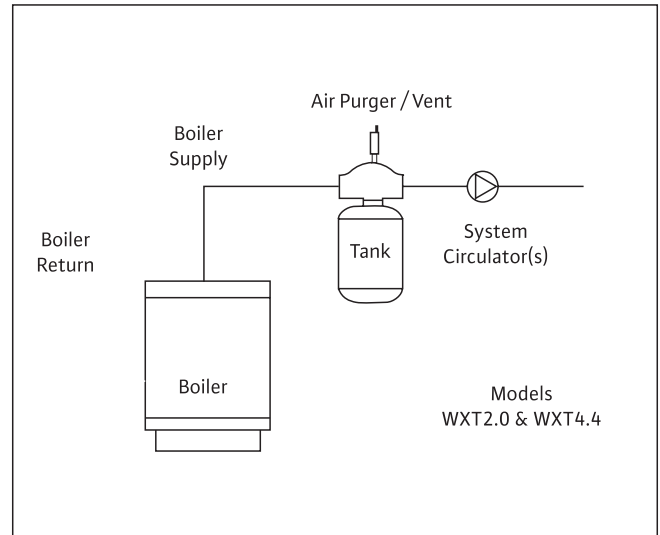
Pre-Installation

1. Visually inspect WXT for any damage.
2. Adjust pre-charge to equal system fill pressure.
3. Replace and tighten plastic cap on air fitting.

Installation

1. Drain the boiler system or isolate the area where the WXT will be installed.
2. Install the WXT on the supply side of the boiler, on the suction –side of the heating circulator(s) (see Figure 1).
3. Once the WXT is installed, re-pressurize the system and check for leaks. Repair as necessary.
4. Restart the boiler system and check for relief valve discharge. If the relief valve drips, the tank may be improperly charged or undersized.
5. The WXT is now operational and will absorb expanded water during boiler operation.

Figure 1.



Maintenance

1. A professional plumber should check the complete heating system, including the WXT, yearly and more frequently as the system ages.

Operation

1. The WXT is installed on the supply-side of the boiler system. Its sealed-in air pre-charge prevents water from entering the tank until the system pressure begins the rise.
2. As the water temperature rises, water enters the WXT.
3. As the system cools, the diaphragm is forced downward. Water is expelled from the WXT, back into the heating system.

NOTES

1. Although the WXT does not have to be installed at the base of an air purger, this installation is recommended to reduce air in the system and provide a compact installation. Some method of air elimination is required to ensure an oxygen-free system.
2. The WXT must not be placed overhead in the floor joist space. When replacing a plain-steel tank, the WXT should be relocated per Figure 1.
3. DO not place the WXT on a dead-end pipe. Air can collect in the WXT, causing internal corrosion and possible leakage.

Models WXT2.0 & WXT4.4 come with a 3 year warranty. For questions please contact customer service at 888-945-6872

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