

INSTALLATION MANUAL FOR WATER HEATER EXPANSION TANK

Please read the following instructions carefully.

Keep this manual with the tank for future reference.



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 OF PERSONAL INJURY AS WELL AS PROPERTY DAMAGE.

WARNING READ CAREFULLY THE PRODUCT INSTALLATION, OPERATING AND MAINTENANCE MANUAL. 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. 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.

WARNING This Product, like most Products under pressure, may over time corrode, weaken and burst or explode, causing serious or fatal injury, leaking or flooding and/or property damage. To minimize risk, periodically inspect the Product. A drip pan connected to an adequate drain must be installed if leaking or flooding 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.

WARNING RUPTURE OR EXPLOSION HAZARD A relief valve must be installed to prevent pressure in excess of local code requirement or maximum working pressure designated for this Product whichever is less. Do not expose Product to freezing temperatures or temperatures in excess of 200° F. Do not adjust the pre-charge or re-pressure this Product except for any adjustments required at the time of 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 excessive strain on the system lead to Product failure, serious or fatal personal injury, leakage and/or property damage.

WARNING Chlorine & Aggressive Water: The water quality can significantly influence the life of this Product. You should test for corrosive elements, acidity, total solids and other relevant contaminants, including chlorine and treat your water appropriately to insure satisfactory performance and prevent premature failure.

Note: Inspect for shipping damage and notify freight carrier or store where purchased immediately if damage 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.waterworkerdiy.com. Use proper safety equipment when installing.

WARNING Use only with residential potable water system. Do not operate in a setting with freezing temperatures or where the temperature can exceed 200° F and do not exceed the maximum working pressure specified for this Product. Mount vertically beneath piping only. **Do not use on systems with ASME rated vessels.**

WARNING EXPLOSION OR 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. At least once every 3 years or if discharge is present, inspect the temperature and pressure relief valve and replace if corrosion is evident or the valve does not function. FAILURE TO INSPECT THIS VALVE AS DIRECTED COULD RESULT IN UNSAFE TEMPERATURE OR PRESSURE BUILD-UP WHICH CAN RESULT IN PRODUCT FAILURE, SERIOUS INJURY OR DEATH AND/OR SEVERE PROPERTY DAMAGE AND VOID THE PRODUCT WARRANTY.

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

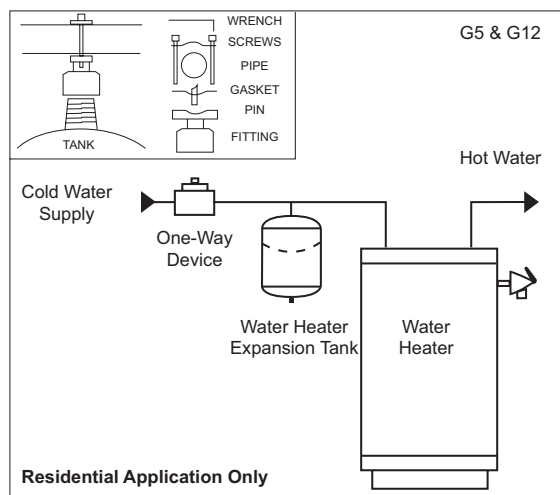
PRE-INSTALLATION

1. Remove valve cap and adjust air charge to match cold water supply pressure. Replace cap tightly to prevent air loss.
2. Identify an installation point on the cold water line between the water heater and backflow preventor or other one-way device.

INSTALLATION

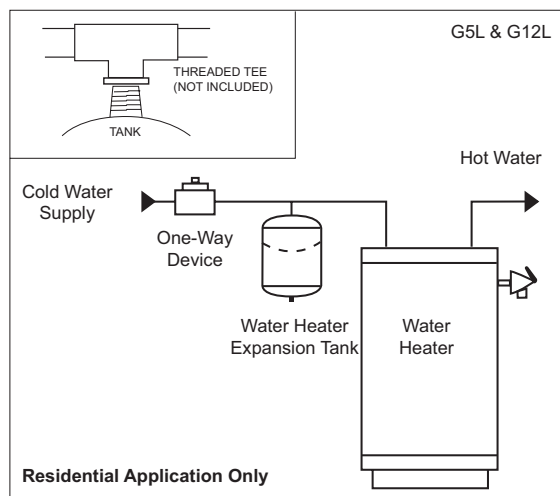
G5 and G12 with Saddle Valve (Use with Copper Pipe Only)

1. Shut the cold water supply off and relieve water pressure.
2. Assemble the saddle valve to the piping as shown. Using wrench provided, tighten the saddle valve to pierce the line and compress the gasket seal. Alternate screws while tightening.
3. Install the tank using pipe sealing tape or paste.
4. Open the cold water supply and check for leaks.



G5L and G12L Direct Connection

1. Shut the cold water supply off and relieve water pressure.
2. Install a pipe tee with a 3/4" NPTF threaded connection.
3. Thread the tank into the tee using pipe sealing tape or paste.
4. Open the cold water supply and check for leaks.



MAINTENANCE

The installation should be inspected annually and more often as the system ages. Check for signs of corrosion and indicators of excessive water pressure levels, if any are present the unit should be replaced.

WATER WORKER® LIMITED PRODUCT WARRANTY

Products covered: all Products manufactured by WATER WORKER ("WATER WORKER").

This warranty cannot be transferred - it is extended only to the original Purchaser or First User of the Product. By accepting and keeping this Product you agree to all of the warranty terms and limitations of liability described below.

IMPORTANT WARNING - READ CAREFULLY THE INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS MANUAL ("MANUAL") to avoid serious personal injury and/or property damage and to ensure safe use and proper care of this product.

Who Receives WATER WORKER's Product Warranty

All purchasers or first users of the new Product. The Warranty is non-transferable.

What is covered by this Warranty

WATER WORKER warrants to the purchaser or first user of the new Product that at the time of manufacture, the Product is free from defects in material and workmanship. **Any warranty claim must be made within one (1) year unless another time period is set forth in the Manual, measured from the time the Product was purchased.**

What WATER WORKER Will Do If You Have a Covered Warranty Claim

In the event of a breach of the foregoing warranty, WATER WORKER will at its option either make repairs to correct any defect in material or workmanship or supply and ship either new or used replacement WATER WORKER parts or products. WATER WORKER will not accept any claims for labor, property damage or other costs.

What This Warranty Does Not Cover - Exclusions and Limitations

This Warranty does not cover any claim unless it was caused by a defect in material or workmanship during the warranty period. In addition, this Warranty shall not apply:

- if the Product is not correctly installed, operated, repaired or maintained as described in the Manual or if it is not installed according to local plumbing code;
- to any failure or malfunction resulting from abuse (including freezing), improper or negligent handling, shipping (by anyone other than WATER WORKER), storage, use, operation, accident, or alteration, lightning, flood or any other environmental condition;
- to any failure or problem resulting from the use of the Product for any purpose other than those specified in the accompanying Manual or alteration of any part of the product;
- this Warranty does not cover labor costs, additional parts, shipping charges, service charges, delivery expenses, administrative fees or any costs incurred in removing or reinstalling the Product;
- this Warranty does not cover any claims submitted to WATER WORKER or an WATER WORKER-authorized distributor or retailer more than 30 days after expiration of the applicable warranty time period or if product was installed more than 18 months after the date of manufacture;
- this Warranty also does not cover repair or replacement costs not authorized in advance by WATER WORKER.

THESE WARRANTIES ARE GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. NO WATER WORKER REPRESENTATIVE OR ANY OTHER PARTY IS AUTHORIZED TO MAKE ANY WARRANTY OTHER THAN THOSE EXPRESSLY CONTAINED IN THIS WARRANTY AGREEMENT.

Additional Warranty Limitations

ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY DISCLAIMED. Some states do not allow limitations on how long an implied Warranty lasts, so the above limitation may not apply to you.

Limitations of Remedies

THE REMEDIES CONTAINED IN THIS WARRANTY ARE THE PURCHASER'S OR FIRST USER'S EXCLUSIVE REMEDIES. IN NO CIRCUMSTANCES WILL WATER WORKER BE LIABLE FOR MORE THAN, AND PURCHASER-FIRST USER'S REMEDIES SHALL NOT EXCEED, THE PRICE PAID FOR THE PRODUCT. IN NO CASE SHALL WATER WORKER BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM NONDELIVERY OR FROM THE USE, MISUSE, OR INABILITY TO USE THE PRODUCT OR FROM DEFECTS IN THE PRODUCT OR FROM WATER WORKER'S OWN NEGLIGENCE OR OTHER TORT. This exclusion applies regardless of whether such damages are sought for breach of warranty, breach of contract, negligence, strict liability, in tort or under any other legal theory. Such damages include, but are not limited to, inconvenience, loss or damage to property, mold, loss of profits, loss of savings or revenue, loss of use of the Products or any associated equipment, facilities, buildings or services, downtime, and the claims of third parties including customers. Some states do not allow the limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

What To Do If You Have a Problem Covered By This Warranty

Any covered Warranty must be authorized by WATER WORKER. Contact the person from whom you purchased the Product, who **must** receive authorization from WATER WORKER. If you do not receive a prompt response, call WATER WORKER directly at 844.DIY.TANK. Notice of a Warranty claim should be submitted by the authorized distributor to WATER WORKER, at warranty@waterworkerdiy.com.

Before WATER WORKER determines to provide any replacement part or Product, it may as a pre-condition to making such a determination require that the warranty claimant ship the Product, postage prepaid to an authorized WATER WORKER distributor, or to WATER WORKER and provide proof of purchase evidenced by the original sales receipt, proof that you owned the home at the time of purchase or Product registration.

Replacement Product Warranty

In case of replacement of a Product or any component part, WATER WORKER reserves the right to make changes in the design, construction, or material of the substitute components or products, which shall be subject to all of the terms and limitations of this Warranty, except that the applicable warranty periods shall be reduced by the amount of time the warranty claimant owned the product prior to submitting notification of the warranty claim.



T: 844.DIY.TANK • F: 800.293.1519 • www.waterworkerdiy.com

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