

Series WIB

Inverted Bucket Steam Trap

Traps should be installed in an accessible position and location for easy servicing.

The maximum differential pressure (ΔP) stamped on product nameplate must be greater than the maximum pressure differential across the trap.

The trap must be installed with the body upright so that the bucket is rising and falling vertically. The inlet and outlet connections should be in a horizontal plane, with the trap installed below the drain point, so that a water seal can be maintained around the open end of the bucket.

Installation Instructions

1. Install below and close to equipment being drained, avoid long lengths of horizontal piping ahead of trap.
2. Pitch all horizontal inlet lines toward the steam trap to help eliminate potential water hammer problems (Fig. A).
3. All WIB Models should have a strainer installed ahead of trap.
4. Union fittings and shutoff valves should be installed on both sides of trap for ease of servicing and trap testing.
5. A test and pressure relief valve should be installed to assure relief of internal pressure prior to servicing and as a visual indication of trap operation.
6. A check valve should be installed on return piping if there will be a pressurized return line or the trap drains to an overhead return line (Fig. B).

Priming

Inverted bucket traps need to be primed before being placed into service. Either method can be used:

1. Remove pipe plug from trap cover. Pour water into trap until full, replace pipe plug.
2. Keep return piping valve closed until trap fills with condensate. Slowly open valve.

CALIFORNIA PROPOSITION 65 WARNING

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)

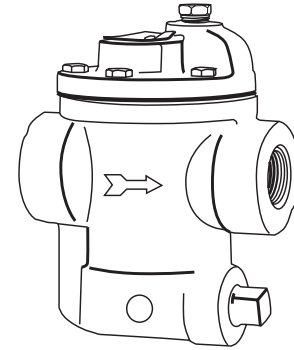
For more information: www.watts.com/prop65

Limited Warranty: Watts Regulator Co. (the "Company") warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge.

THE WARRANTY SET FORTH HEREIN IS GIVEN EXPRESSLY AND IS THE ONLY WARRANTY GIVEN BY THE COMPANY WITH RESPECT TO THE PRODUCT. THE COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE COMPANY HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

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Models 80 and 81

Maintenance

The trap mechanism should be inspected periodically and all dirt removed from working parts. **Worn parts must be replaced.**

Typical Installation Piping Detail

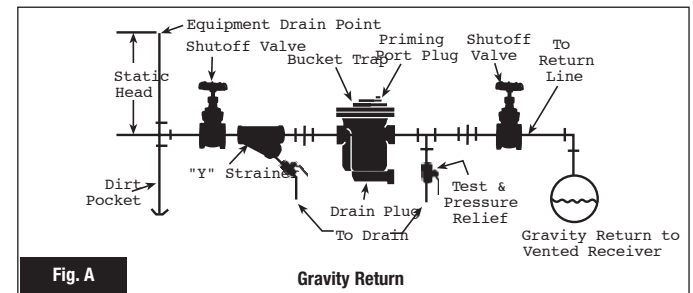


Fig. A

Gravity Return

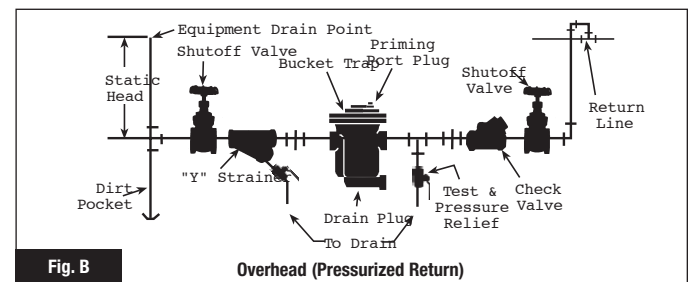


Fig. B

Overhead (Pressurized Return)



USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.watts.com

Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca



Water Safety & Flow Control Products