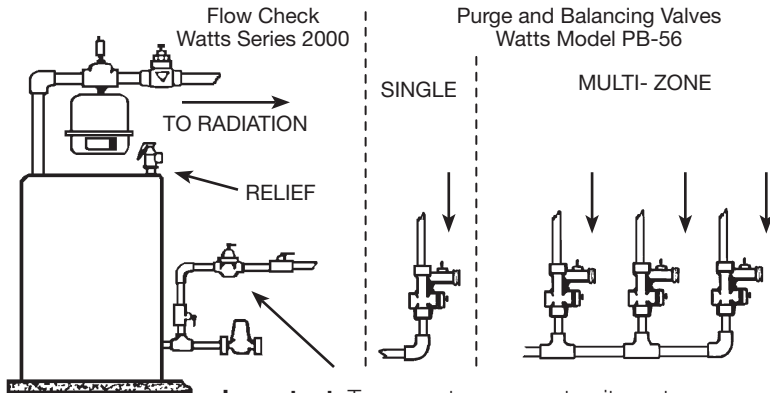


Model PB-56

Purge and Balancing Valve

Installation Instructions

Typical forced hot water heating system using zone valves



Important: To prevent exposure to city water pressure on the boiler, a pressure reducing valve should be installed on the make-up line.

On the first filling of the hot water heating system or refilling after maintenance, air in the piping and radiation must be removed and the whole system filled with water. Air in the system can prevent proper circulation of water and may cause noisy operation. The Watts PB-56 Purge & Balancing Valve should be installed on the return piping of the hot water heating circuit before it joins the return main. If the system uses multiple zones, each zone should be fitted with a purge & balancing valve.

To remove air from the system when filling:

1. Isolate all circuits by closing the zone valves and purge and balancing valves.
2. Open the make up water valve.
3. Starting with one circuit, attach a hose to the purge & balancing valve.
Note: the hose must terminate at a suitable floor drain or an outdoor area.
4. Open the zone valve.
5. Open the purge valve until the water flows clear and free of bubbles.
6. Close the purge valve and the zone valve.
7. Repeat steps 3 thru 6 for each zone.

When the entire system has been filled with water, the balancing valve for each circuit can be opened and adjusted to provide optimum system comfort.

To the Contractor: Please leave this sheet with the boiler!

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.

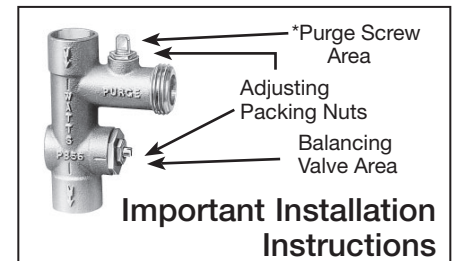
The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing 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.

Some States do not allow limitations on how long an implied warranty lasts, and some States do not allow the exclusion or limitation of incidental or consequential damages. Therefore the above limitations may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State to State. You should consult applicable state laws to determine your rights. **SO FAR AS IS CONSISTENT WITH APPLICABLE STATE LAW, ANY IMPLIED WARRANTIES THAT MAY NOT BE DISCLAIMED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF ORIGINAL SHIPMENT.**



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

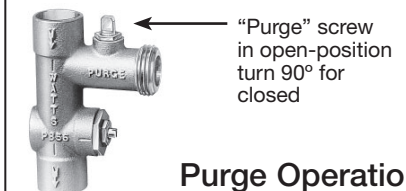
Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca



Important Installation Instructions

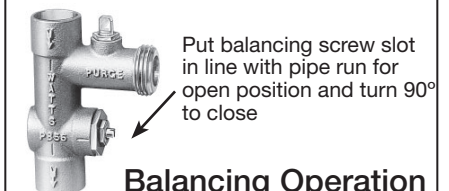
Sweat Watts No. PB-56 body into the return line to the boiler. It may be mounted in either the vertical or horizontal run.

Note: The purge screw should be in the open position and shielded from direct heat when soldering.



Purge Operation

To purge the system, turn screw so the flats are parallel with the word "purge" on the valve body. When purging operation is complete, return screw to closed position.



Balancing Operation

The balance gate is in the full open position when screw slot is lined up with pipe run; and in the fully closed position when rotated 90°.

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



Water Safety & Flow Control Products