

Series FHB-1-PEX

Inlet 1/2" (15mm) PEX

Freezeless, Self Draining Wall Hydrants,
PEX End Connection



FHB-1-PEX

Installation Instructions

FHB-1-PEX Freezeless Wall Hydrants provide a year round supply of outside water without the fear of pipes freezing or bursting. Hose must be removed to allow water to drain to prevent freezing.

Freezeless Wall Hydrants assure no-freeze operation because the valve mechanism shuts off the water inside the building, where it is heated. If the building will be unheated for any length of time, then all water lines should be drained and plumbing fixtures winterized.

The FHB-1-PEX Freezeless Wall Hydrant features an antisiphon vacuum breaker that protects against possible outside water being siphoned back into the potable water supply.



SIDING WEDGE

A plastic siding wedge is provided to compensate for lap siding installations. Slip the wedge between the wall hydrant flange and siding to form an attractive finish and solid base for mounting. Secure wall hydrant flange with two #8 or #10 oval-head wood screws (of proper length) or with appropriate masonry hardware.

Installer – Please note:

- Hose end must be installed sufficiently lower than the seat/ PEX end to allow for proper drainage.
- Follow PEX tubing manufacturer's crimp joining instructions.
Watts PEX end freezeless wall hydrants conform to ASTM F1807-04 PEX end specifications.

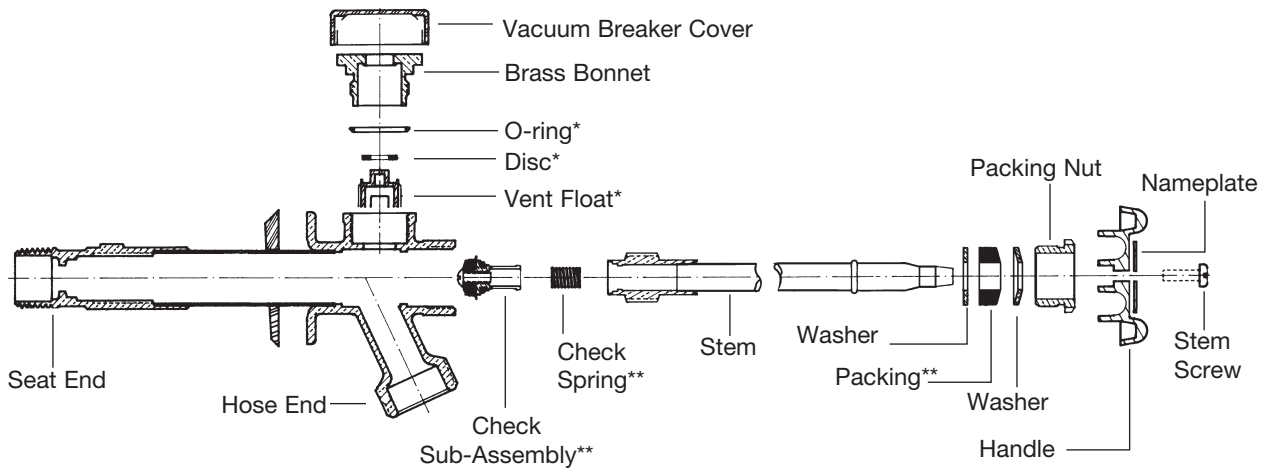
Crimp outside diameters should fall within these dimensions when measured with a micrometer or caliper.

Ring size		Minimum	Maximum
in	mm		
1/2	15	0.700"	0.715"

See back page for repair kit and service information

WATTS®

*Supplied with FHB-V-RK 1/2", 3/4" (15, 20mm)
 **Supplied with RK-FHB 1/2", 3/4" (15, 20mm)



For repair to the stem assembly
RK-FHB 1/2", 3/4" (10-15 mm)

***See Important Note.**

1. Remove handle screw, handle and nameplate. Unscrew packing nut and remove 2 packing washers and packing. Using handle, unscrew stem assembly until threads disengage and slide out.
2. Remove old check sub-assembly by pulling it straight out from the end of the check stem. Remove old check spring. Replace with new check spring and check sub-assembly. (Push new assembly in by hand).
3. Reinsert stem assembly by following step 1 in reverse.

For Repair to the vent float assembly
FHB-V-RK 1/2", 3/4" (10,15mm)

***See Important Note.**

1. Unsnap plastic vacuum breaker cover. Then unscrew brass bonnet from valve body. Remove vent float and disc assembly.
2. Remove old o-ring from the brass bonnet and replace with the new o-ring.
3. Reinsert new vent float sub-assembly and top works by following step 1 in reverse.

*Prior to performing service to the FHB stem assembly, water supply to the unit must be shut off and the pressure drained from the valve.

Service to vent float assembly may be performed without shutting off supply as long as FHB is in closed position and pressure is drained from the valve.

Repair Kits

Ordering code no.	Valve Kit No.	Series	Size
0723064	FHB-V-RK 1/2", 3/4" (15, 20mm)	FHB	All
0723061	RK-FHB 1/2", 3/4" (15, 20mm)	FHB	All

FHB-V-RK 1/2", 3/4" (15, 20mm) consists of bonnet o-ring, disc, and vent float.

RK-FHB 1/2", 3/4" (15, 20mm) consists of check sub-assembly, check spring, and stem packing.

Service – Repair Kits (FHB)

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.

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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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Water Safety & Flow Control Products

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