

TROUBLESHOOTING & MAINTENANCE



For more information contact...

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Model HC67 Freezeless Wall Hydrant



Fig 1



Fig 2



Fig 3

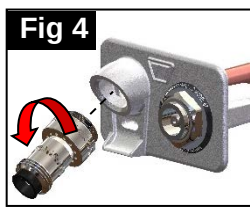


Fig 4

Drain Hole Air Vent

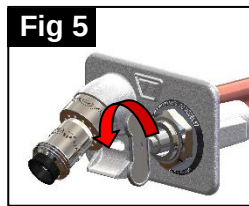


Fig 5

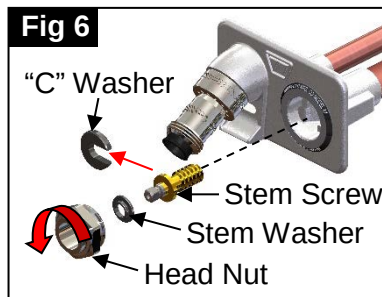


Fig 6

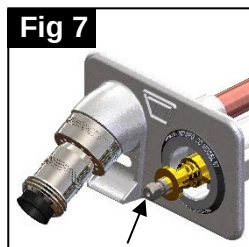


Fig 7

Stem Screw

For replacement
parts order
Repair Kit
RK-65



Fig 8

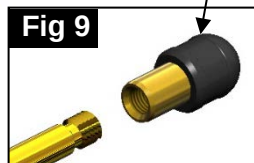


Fig 9

Plunger

Water leaks from drain hole (Fig 1) and/or air vent in Stem Screw when the hydrant is on.

Plunger (50250) is damaged and needs to be replaced.

Packing leak. Water leaks from behind the mixer handle. (Prior to Oct 2001)

For HC67 hydrants built prior to Oct 2001, an upgrade casing tube assembly with an O-ring rod seal may be required to keep a packing leak from frequently reoccurring. Manufactured date may be found on I.D. Ring under head nut or stamped on face of casting.

Call Woodford Mfg. for assistance in ordering appropriate length tube assembly (Part No. 560XX).

Shut off water supply and remove mixer handle and lock nut. Remove and discard existing tube assembly. **IMPORTANT:** Do not remove packing ring or rod assembly.

Carefully, so not to damage O-ring, insert new casing tube assembly over mixer rod. Tighten and replace lock nut and mixer handle.

Note: Never use petroleum-based products to lubricate the O-ring.

Turn on water supply and check for leaks.

IMPORTANT: Check handle for proper orientation. Make sure that when the handle is turned to cold, only cold water is given and when turned to hot, only hot water is given. Adjust handle on the stem as necessary.

Hydrant will not shut off. Water leaks out nozzle (Fig 2) and/or drain hole when hydrant is off.

If a new installation debris or other obstruction may be prohibiting the plunger from seating properly. Remove rod assembly, inspect plunger for damage and flush the casing before reassembling.

Hydrant does not drain when it is shut off.

Drain hole cavity in casting and/or air vent hole in Stem Screw (Fig 3) may be blocked with insect nest or other debris. Use a stiff wire to clear any obstructions.

Hydrant does not flow water when it is on.

The Vacuum Breaker may be obstructed or damaged. Remove the Vacuum Breaker (Fig 4) and check to see if the hydrant flows water with the Vacuum Breaker removed. Inspect the Vacuum Breaker for obstruction or damage. If the hydrant still does not flow water with the Vacuum Breaker removed, remove the Operating Rod Assembly and turn on the water supply to flush the casing.

Operating Rod Removal (Hydrant side of H/C):

Shut off water supply. Turn the Stem Screw counterclockwise to the full open position. (Fig 5) Remove the Head Nut and Stem Screw. (Fig 6)

Remove the "C" Washer from the stem screw. (Fig 6)

Thread the stem screw back in the operating rod one or two turns. (Fig 7) Use a screwdriver or small pry bar to pry under the ledge of the stem screw, against the face of the hydrant, to pull the rod out of the hydrant.

A damaged plunger may require a significant force to pull the rod free.

(Fig 8) Once the rod is out of the hydrant, inspect and/or replace the plunger, which is threaded on the rod. (Fig 8 & 9) If the plunger rubber has come off the insert and is stuck inside the hydrant, a special plunger removal tool is available on loan from Woodford.