



INSTALLATION GUIDE

Waterbridge Remote Tub Drain & Overflow WB-RTDO

Feb 2014



General Theory of Operation: The WB-RTDO is basically a tube within a tube. The Control Knob on top of the RTDO controls whether water fills the tub or allows the water to drain. When the knob is in the “down” position (turn the knob until it slides down) the drain is “closed” allowing the tub to fill. As the water fills the tub, it also fills the outer tube of the RTDO. The tub will fill until it reaches the overflow level set when the RTDO was installed. Excess water entering the tub will then begin to “overflow” into the inner tube of the RTDO, and down the drain. To drain the tub, simply lift and turn the Control Knob until it rests in the up (or open) position.



ROUGH-IN

1. Observe all applicable building and plumbing codes.
2. Unscrew the solid brass rough from the bottom of the trim, and place the trim aside safely.
3. Install bath on sturdy, level floor, with your 2" drain pipe running to the RTDO.

NOTE: The RTDO can be placed anywhere in the room. There is no need to position it adjacent to the tub itself, but it should be at the same level as the tub.

4. Install the rough for the RTDO in the floor, connecting the side inlet to the tub drain, and bottom outlet to the building drain system
5. Screw the rough's flange to the finished floor using screws or bolts. Silicone may be necessary.

TRIM

6. Pull the top cap and control straight off of the outer tube, and set assembly aside.
7. Install the outer tube onto the rough, using teflon tape or joint compound.
8. Gently slide the plated trim flange over the outer tube, to cover the rough's flange.
9. Adjust the rubber sleeve on the inner tube to the desired overflow height. There are marks on the inner tube, measured from the bottom of the floor flange
10. With the knob in the UP position, gently install the control assembly and inner tube back into the outer tube. If the O-ring on the cap is dry, you may use a small amount of lubrication.

Check Drain Function

11. Move the knob up and down - it should move smoothly. In the Up position, turn the knob slightly until it rests and stays up.
12. To close, turn the knob slightly until it can move downward. This will seat the O-Ring on the bottom of the inner tube, allowing the tub to fill.
13. Fill the tub to normal bathing level and check for leaks and correct overflow level.

Maintenance

Do not use abrasive or harsh cleaners.

The cap and inner tube assembly may be removed and a wet-vac used to clean hair and debris from the Stopper Seat.

The rubber sleeve on the inner tube may be replaced with a piece of large bicycle tire tube.



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