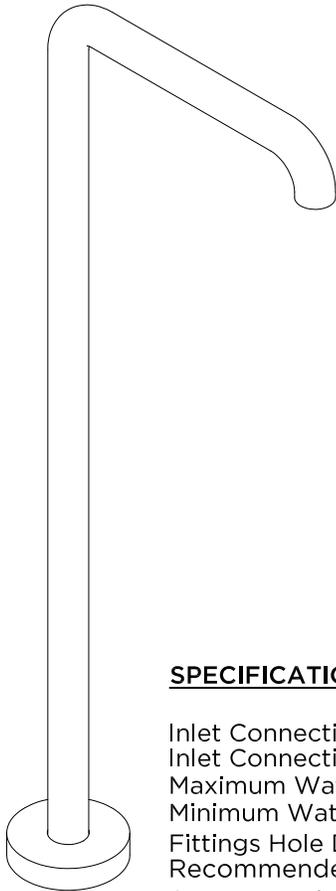


STYLE No. FLTS90



SPECIFICATIONS:

Inlet Connection Size: $\frac{3}{4}$ "
 Inlet Connection Type: Sweat
 Maximum Water Pressure: 80psi
 Minimum Water Pressure: 20psi
 Fittings Hole Diameter: $\frac{1}{4}$ "
 Recommended Water Pressure: 45psi
 Spout Reach: $10\frac{1}{6}$ "

IMPORTANT:

- To ensure this product is installed properly, you must read and follow these guidelines.
- The owner/user of this product must keep this information for future reference.
- Be sure your installation conforms to all federal, state, and local codes. Anti-scald protection is the responsibility of the installer and according to applicable codes. In the State of Massachusetts, all installations must comply with the rules and regulations set forth within 248 CMR.
- This product must be installed by a professional licensed contractor.
- Refer to the specification and assembly drawings attached. Product is sold partially assembled but shown fully disassembled for illustrative and service purposes only.
- Product should be on-site prior to rough-in. This allows the installer to visualize the installation.

- Check tub measurements to assure the spout projects far enough into the tub. The spout cannot be cut to adjust height or spout reach.
- Inspect this product to ensure you have all parts required for proper installation.
- Use only a strap wrench or protected/smooth-jaw wrench on any finished surface.
- Install accessible hot and cold service stop valves to facilitate servicing.

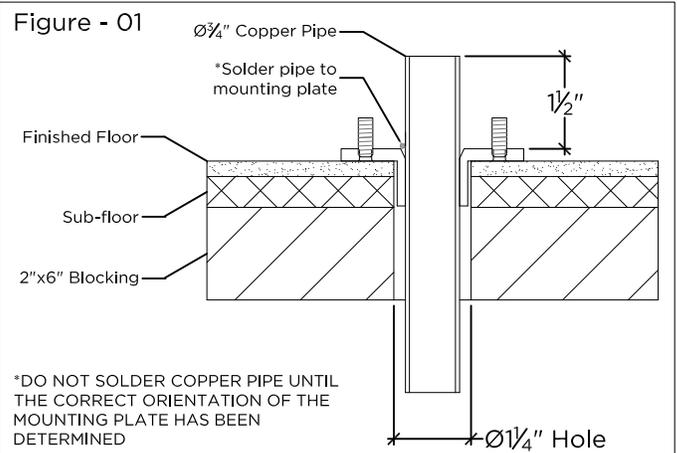
ROUGH-IN:

- OPTION 1: Install individual HOT and COLD $\frac{3}{4}$ " supply lines with separate on/off/volume wall valve controls (Sold Separately).
- OPTION 2: Install a mixing valve (Sold Separately).

INSTALLATION IN WOOD:

(For concrete installation proceed to Step 9). Refer to Figure 1 for steps 1-5.

1. Run a $\frac{3}{4}$ " supply line for maximum water flow.
2. Determine the location where the spout supply line will come up through the floor and install a piece of 2"x6" on its side between joists to serve as 6" blocking surface for securing the spout assembly to the floor.
3. Drill a $\frac{1}{4}$ " diameter hole through the 2"x6" blocking, sub floor and finished floor for the $\frac{3}{4}$ " supply line to pass through.
4. Run the $\frac{3}{4}$ " copper supply line up through the hole in the floor.
5. Slide the mounting plate (1) over the supply line so that it rests on the finished floor then cut the supply line so that it extends $\frac{1}{2}$ " above the plate.

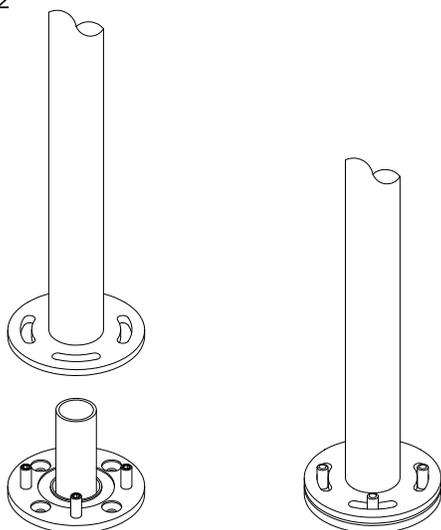


These guidelines have been prepared for the professional contractor to aid in the installation of:
FLYTE FLOOR MOUNTED TUB SPOUT (STYLE No. FLTS90).
 All dimensions are based on origin specification and are subject to change and variation.
 Please consult your Design Associate for current specifications.

**WATERWORKS
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6. Ensure that the set screws (2) are threaded into the mounting plate (1) then dry fit the spout (5) to the plate to ensure the correct orientation of the spout. See Figure - 02.

Figure - 02



7. Remove the spout (5) then screw the mounting plate (1) to the floor using the 2" wood screws (3).
8. Solder the ID of the plate to the copper supply line then proceed to Step 14.

INSTALLATION IN CONCRETE:

9. Make sure you have an area of concrete free from rebar or post-tension cables. Drill a 1¼" diameter hole through the concrete and finished floor. This hole must be perfectly vertical to ensure the spout will install properly.
10. Run the ¾" copper supply line up through the hole in the floor.
11. Slide the mounting plate (1) over the copper supply line and so that it rests on the finished floor then cut the supply line so that it extends 1½" above the plate. See Figure - 01.
12. Ensure that the set screws (2) are threaded into the mounting plate (1) then dry fit the spout (5) to the plate to ensure the correct orientation of the spout. See Figure - 02.
13. Remove the spout (5) then screw the mounting plate (1) to the floor using 4 Tapcon ⅜" x 1¾" phillips flat head blue concrete screws (not included). It is important that these screws have flat heads so the flange on the spout (5) and mounting plate (1) sit flat against each other. DO NOT use the wood screws (3) in concrete.

SPOUT INSTALLATION:

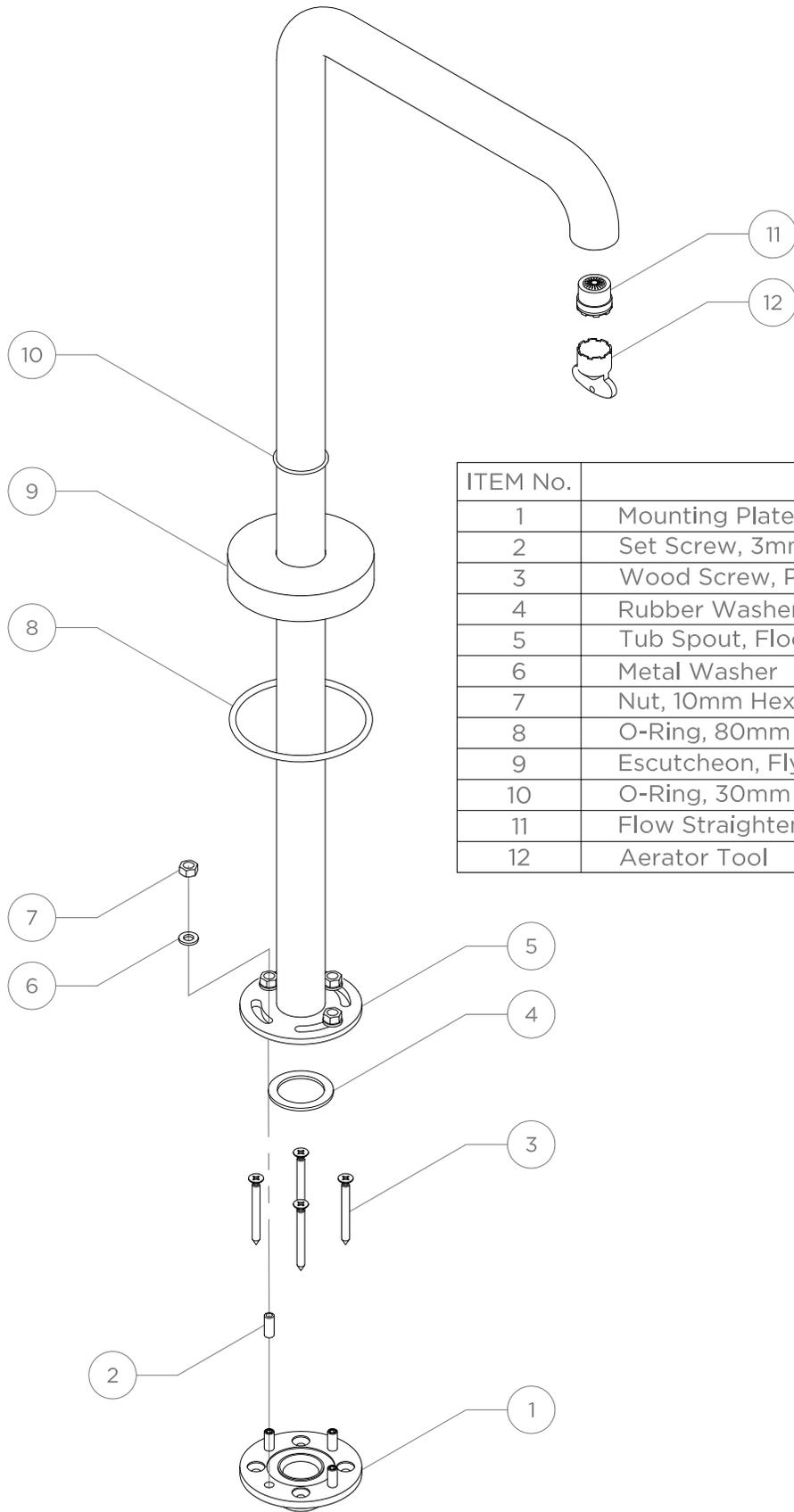
14. Ensure that all 4 set screws (2) are threaded into the mounting plate (1) then place the rubber washer (4) onto the plate.
15. Slide the escutcheon (9) up the spout then place the spout onto the mounting plate.
16. Thread a nut (7) onto each set screw (2) making sure to place a washer (6) beneath each nut then rotate the spout to the final position.
17. Verify the rubber washer (4) is positioned properly on the plate (1) then tighten the 4 nuts (7) to secure the spout to the floor.
18. Slide the escutcheon (9) down the spout until it contacts the finished floor. Make sure the o-ring (8) is beneath the escutcheon.

INSPECT THE INSTALLATION:

19. Remove the flow straightener (11) from the spout (5) using the aerator tool (12) provided.
20. Turn on the supplies then open the hot and cold valves to flush out any debris in the supply lines.
21. Carefully inspect all connections for leaks and check for proper operation.
22. Re-install the flow straightener.
- If further assistance is required, contact Product Support at 1-800-927-2120 (9am-6pm EST).

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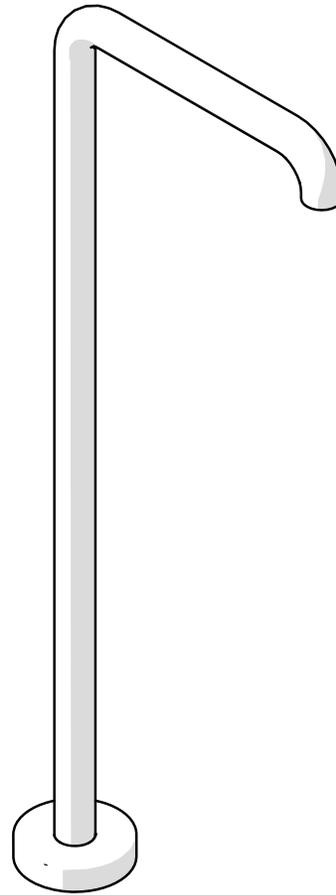
ITEM No.	DESCRIPTION	QTY.
1	Mounting Plate, 3/4" Sweat, Metal	1
2	Set Screw, 3mm Hex , 16mm Length	4
3	Wood Screw, Phillips, Flat Head, 2" Length	4
4	Rubber Washer	1
5	Tub Spout, Floor Mounted, Flyte	1
6	Metal Washer	4
7	Nut, 10mm Hex	4
8	O-Ring, 80mm ID x 4mm Width, Rubber	1
9	Escutcheon, Flyte	1
10	O-Ring, 30mm ID x 2mm Width, Rubber	1
11	Flow Straightener, Full Flow	1
12	Aerator Tool	1

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SERVICE PARTS



STYLE FLTS90
Flyte Floor Mounted Tub Spout

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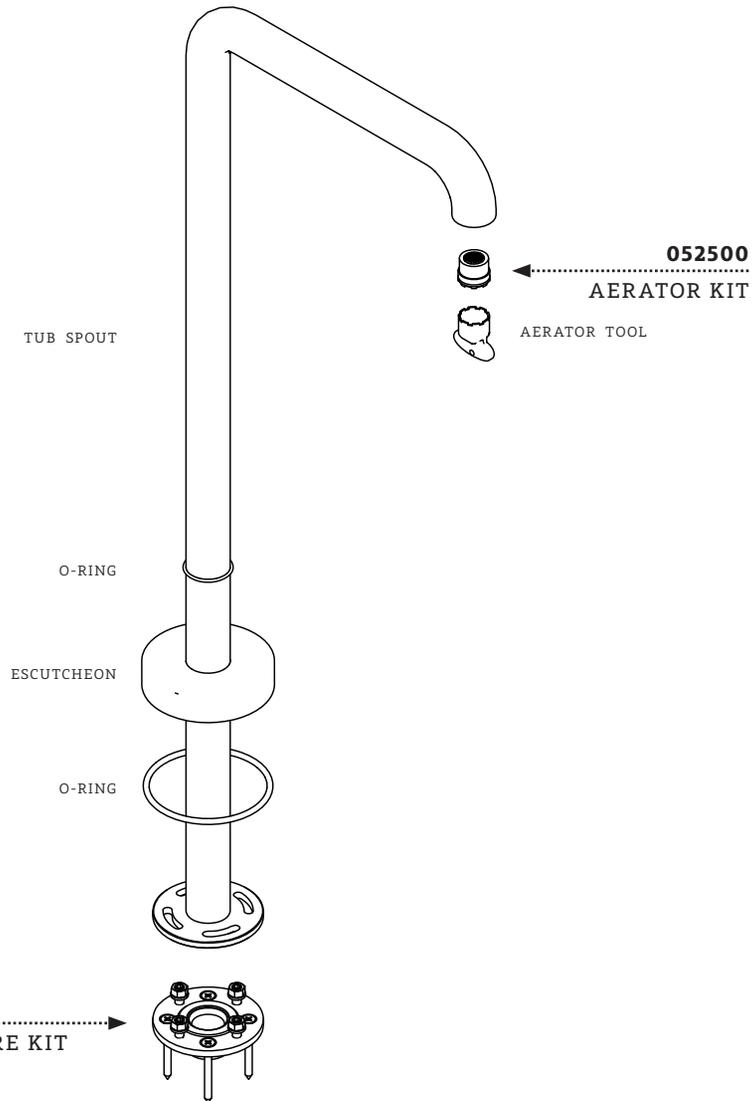
Product Support is available Monday through Friday, 9am-6pm.

**LIMITED LIFETIME
WARRANTY**

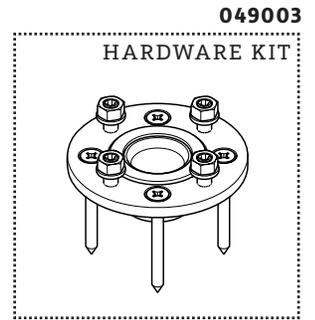
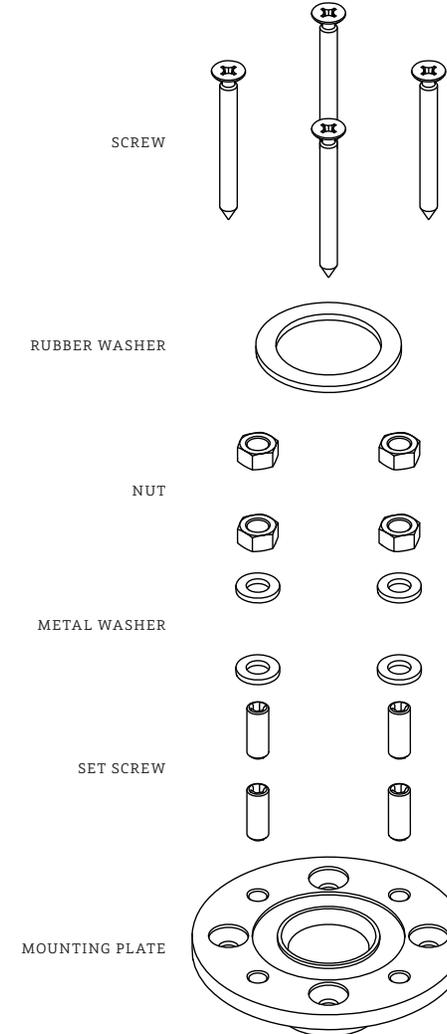
Our warranty covers repair and replacement of Waterworks products if within the applicable coverage period and deemed defective by Waterworks. Waterworks will, at its option, repair or replace such products; this does not include installation costs, labor charges, or other incidental or consequential costs.

To obtain your complete warranty or inquire about warranty service, please visit us at www.waterworks.com or contact our Product Support Team.

MAIN KITS



KIT COMPONENTS



NOTES

SERVICE PARTS INDEX

<u>STYLE</u>	<u>DESCRIPTION</u>	<u>PG</u>
052500	AERATOR KIT	2
049003	MOUNTING HARDWARE KIT	3

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