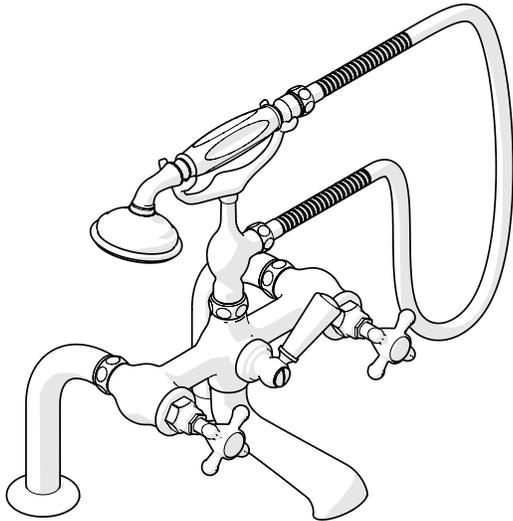


HIGHGATE

Deck Mounted Tub Filler With Handshower

INSTALLATION GUIDELINES

Metal Cross Handles
Style No. HGXT40



SPECIFICATIONS:

Handle Spread: 7-5/8" (NOT ADJUSTABLE)
Inlet Connection Size: 3/4"
Inlet Connection Type: Male NPT
Inlet Connection Spread 7-5/8" (NOT ADJUSTABLE)
Maximum Water Pressure: 80psi
Minimum Water Pressure: 20psi
Fittings Hole Diameter: 1-1/4"
Recommended Water Pressure: 45psi
Spout Reach: 9-13/16"

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 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.
- Product should be on-site prior to rough-in. This allows the installer to visualize the installation and verify the inlet connection spread.
- Refer to the specifications and assembly drawings attached. Product is sold partially assembled but shown fully disassembled for illustrative and service purposes only.

- Check tub measurements to assure the spout projects far enough into the tub.
- Inspect this product to ensure you have all the parts required for proper installation.
- Use only a strap wrench or protected/smooth-jaw wrench on any finished surface.
- Run 3/4" supply lines for maximum flow.
- Install accessible hot and cold service stop valves to facilitate servicing.

ROUGH-IN:

1. Run well supported 3/4" hot and cold supply lines for maximum water flow. The inlet supply spread is 7-5/8" on-center and is not adjustable. 1-1/4" drilling for the mounting holes is recommended.

TUB FILLER INSTALLATION:

IMPORTANT:

- Verify the 7-5/8" inlet supply spread prior to installation.
2. Remove the 3/4" NPT adapter (8), the washer (7) and mounting hardware (4, 5, & 6) from each deck union (1).
 3. Ensure that each escutcheon (2) is fully threaded up the deck union (1).
 4. Insert the unions into the deck, making sure that the washers (3) are between the escutcheons and the deck.
 5. Re-install the mounting hardware (4, 5, & 6) onto each union.
 6. Tighten the nuts (6) up against the underside of the deck to secure the unions.
 7. Insert a washer (7) into each adapter (8) then thread the adapters onto the unions (1).
 8. Hold the valve body (9) up to the unions (1) and attach it by threading the valve body union nuts onto the unions. Ensure that a washer (7) is in each nut.

HANDSHOWER INSTALLATION:

9. Attach the handshower cradle (12) to the valve body (9) and ensure that washer (7) is located in the cradle inlet. NOTE: A check valve is located at the inlet of the cradle and a flow regulating check valve is located at the outlet of the cradle.
10. Connect one end of the handshower hose (11) to the handshower (10).

These guidelines have been prepared for the professional contractor to aid in the installation of:
HIGHGATE DECK MOUNTED TUB FILLER WITH HANDSHOWER & METAL CROSS HANDLES
(STYLE# HGXT40)
All dimensions are based on original specification and are subject to change and variation.
Please consult your Design Associate for current specifications.

WATERWORKS
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HIGHGATE

Deck Mounted Tub Filler With Handshower

INSTALLATION GUIDELINES

11. Connect the other end of the handshower hose (11) to the handshower cradle outlet (12). Place the handshower on the cradle.

FINISH THE INSTALLATION:

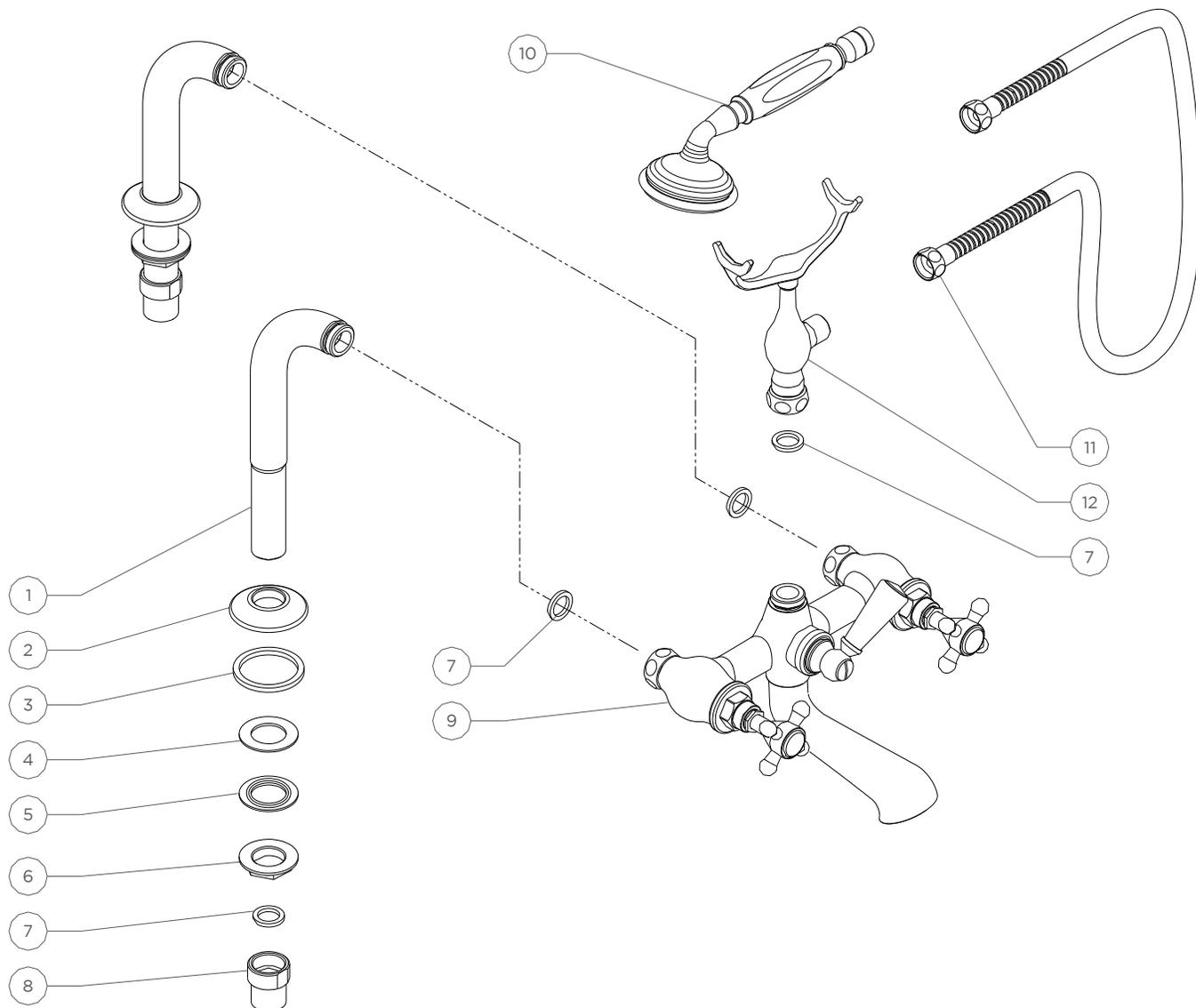
12. Apply pipe thread compound onto the male end of the adapters (8), then thread on 3/4" female NPT x sweat/PEX adapters (NOT SUPPLIED).
13. Adjust the supply line lengths as needed and complete final connections. Ensure that the nuts (6) are securely tightened against the underside of the deck.

INSPECT THE INSTALLATION:

14. Turn on the supplies then open the hot and cold valves to flush out any debris in the supply lines before diverting to the handshower. To divert to the handshower turn the diverter lever handle, which is the center handle.
 15. Carefully inspect all connections for leaks and check for proper operation.
- **If further assistance is required, please contact Product Support at 1-800-927-2120 (9am-6pm EST).**

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	Description	QTY
1	Deck Union	2
2	Escutcheon	2
3	Foam Gasket	2
4	Rubber Gasket	2
5	Metal Washer	2
6	Nut	2
7	Rubber Washer	5
8	NPT Adapter	2
9	Valve Body	1
10	Handshower	1
11	Flex Hose	1
12	Cradle	1

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