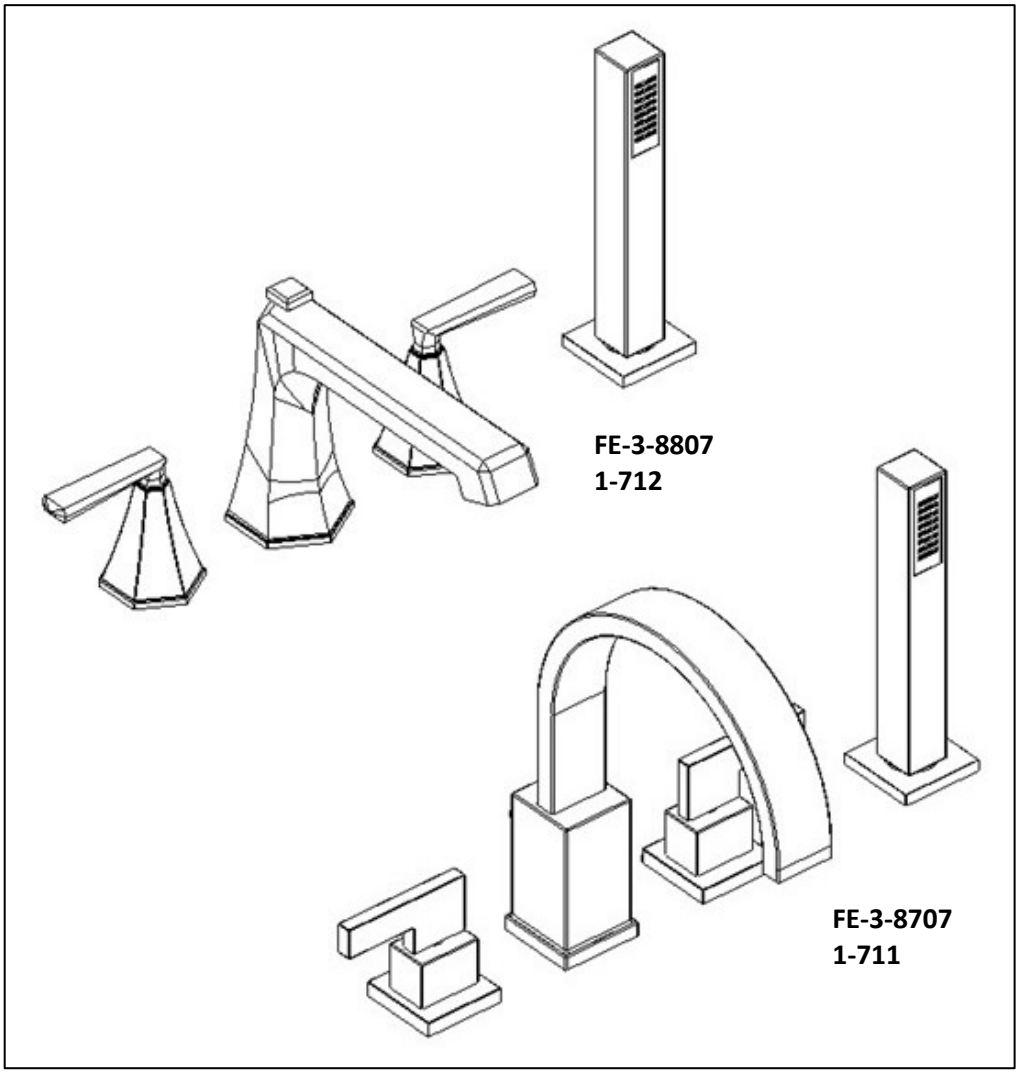
INSTALLATION INSTRUCTIONS
ROMAN TUB 3 VALVE AND TRIM
Valve Body No. 1-711, 1-712
Trim Model No's: FE-3-8707, FE-3-8807

NEWPORT BRASS
Flawless Beauty. From Faucet to Finish.™



Congratulations on the purchase of this Newport Brass product, an excellent choice, that will give you years of quality service and enhance the look and style of your home.

Rough in valve Installation

Recommended Installation by a Professional Plumbing Contractor

Note: Use plumbers tape or equivalent to seal all threaded joints. Plumb with 3/4" copper pipe is recommended.
Warning: To prevent severe damage to valve body, any solder/braze process must be performed a min. of 4" from ports.

1. Place the mounting NUT (1) and WASHERS (2) on diverter VALVE (3). From underside of deck insert diverter VALVE (3) through appropriate hole of mounting deck. Ensure the spout QUICK CONNECT (4) is hand tightened and bottomed out against the diverter VALVE (3). Tighten the mounting NUT (1). **See Figure 1.**
2. Place lower flange NUT (5) on valve BODY (6). Insert valve BODY (6), (blue cold and red hot), through hole from underside of deck.
3. Use the upper mounting NUT (7) to adjust the stem height of valve BODY (6) from finished deck per Table 1. Secure valve BODY (6) into place by tightening the lower flange NUT (5).
4. As shown in **Figure 1**, mount the hand shower deck FLANGE (8) using steel WASHER (9) and flange NUT (10). Place the plastic Hose GUIDE (11) onto lower end of hand shower deck FLANGE (8).
5. From above the deck, feed the female fitting of braided HOSE (12) through hand shower deck FLANGE (8), and thread onto the diverter valve OUTLET (13). **See Figure 2.**
6. Attach hot/cold supply line to appropriate valve BODY (6). **See Figure 2.**
7. The side outlet from each valve BODY (6) must be joined (i.e. mixed) at the diverter VALVE (3).

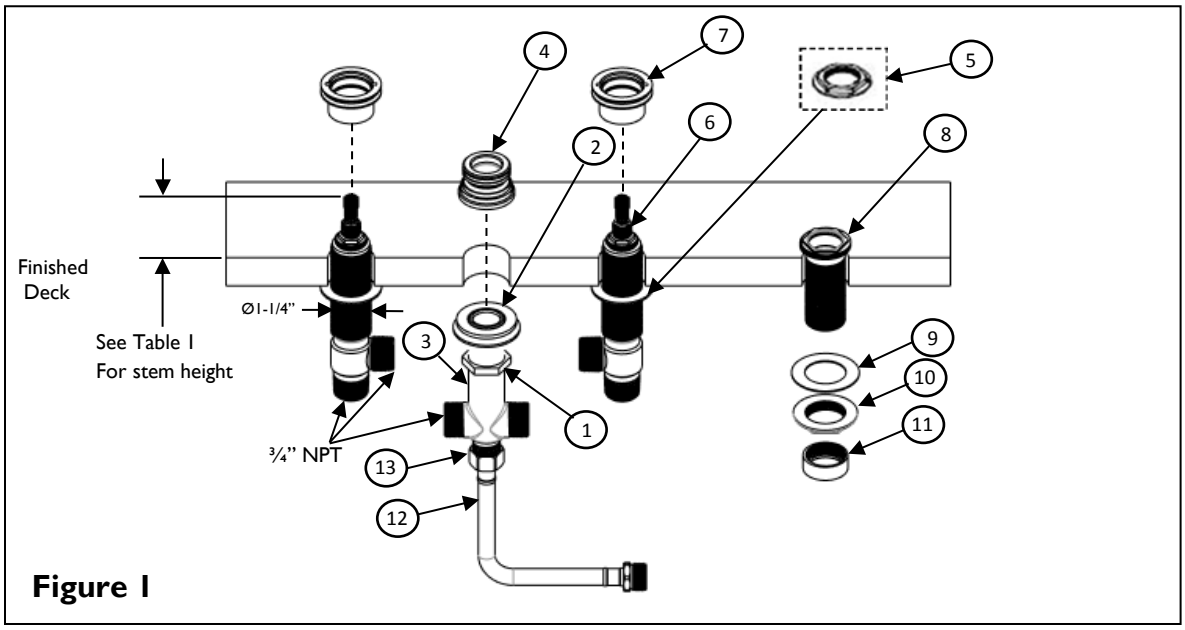


Figure 1

(*) Note: Some states require a ASSE 1016 approved Tempering Valve installation with this product. See disclaimer (page 4) for proper installation

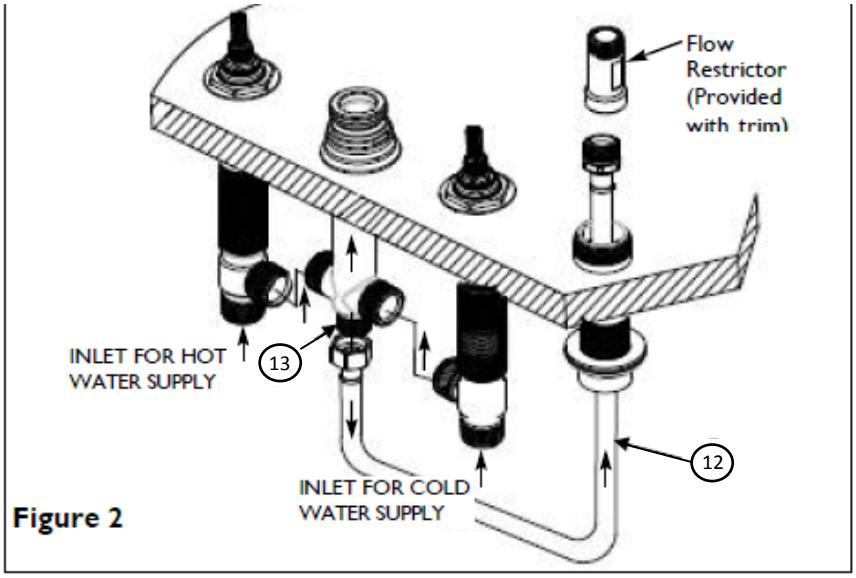


Figure 2

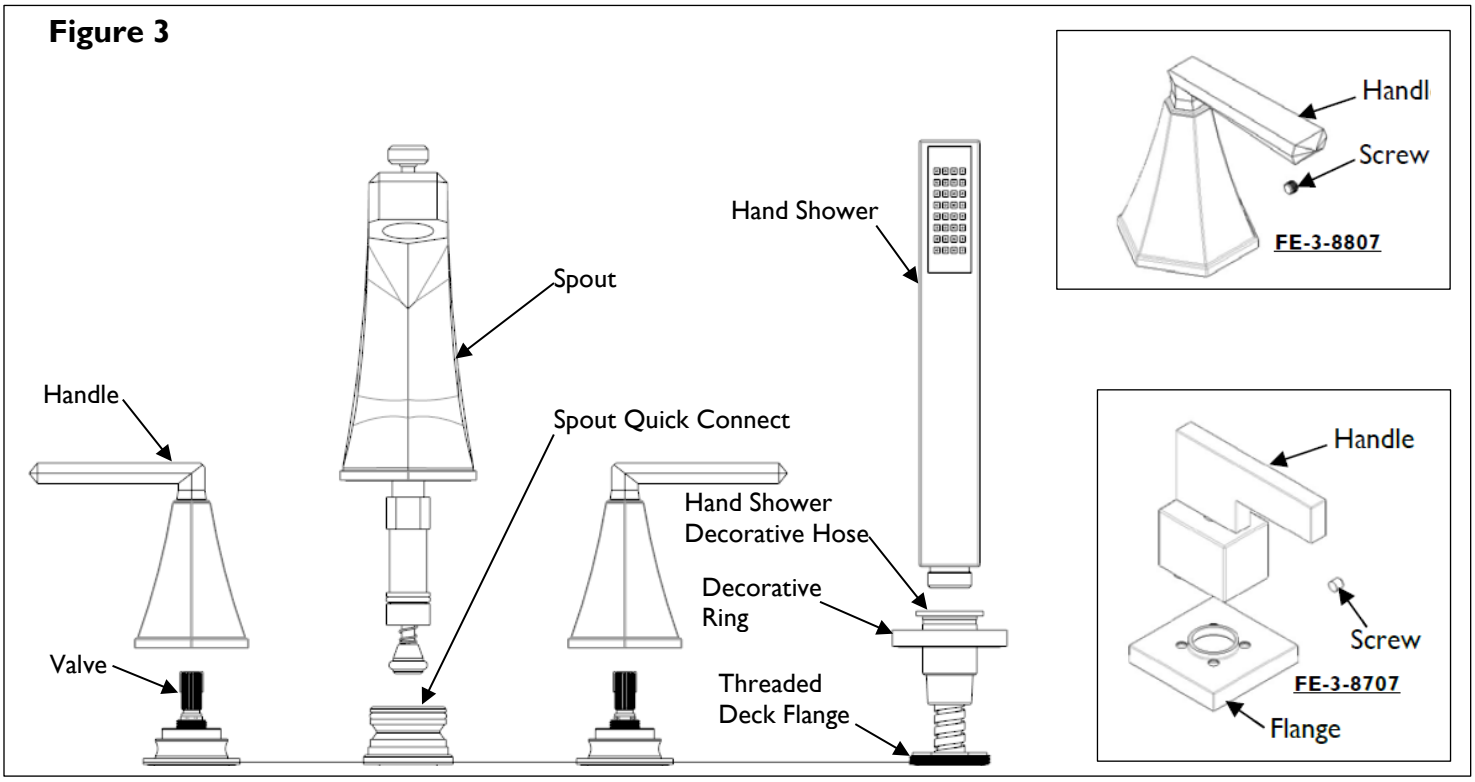
Table 1

SERIES	FE-3-8807 1-712	FE-3-8707 1-711
STEM HEIGHT	1-11/16"	1-1/4"

TRIM INSTALLATION

1. Attach Handles to Valves. Any adjustments for rotational alignment must be made to the valve body - not to the cartridge. Secure handles into place with provided Set Screw.
2. Slide Spout into Spout Quick Connect (re-grease if necessary). Make sure spout is flush with deck and secure into place with Set Screw (not shown). **See Figure 3.**
3. Install Decorative Ring to Thread Deck Flange.
4. Attach Hand Shower to the conical end of Hand Shower Decorative Hose.
5. Attach the Flow Restrictor to the Braided Hose from the rough **(See Figure 2)**. Attach the Hand Shower Decorative Hose to the Flow Restrictor
6. With the Handle in the OFF position, turn on the water supply and check for leaks.
7. Temporarily disconnect the Flow Restrictor from the braided Hose, and point the braided Hose toward the drain outlet. Turn ON the Valves and activate the diverter to flush the shower line.
8. Re-attach the Flow Restrictor to the braided Hose. Turn on the valves and activate the diverter again to check for leaks.

Figure 3



Disclaimer Regarding Brasstech Roman Tub with Hand Spray

To conform to local codes and ordinances, all Brasstech Roman tub with hand spray products should be used in concert with an ASSE 1016 approved tempering valve to reduce the hot water supply to a safe temperature not exceeding 110°F (43°C).
Important: Water temperatures in excess 110°F (43°C) are dangerous and may cause scalding, severe injury or death!

Tempering valve should be installed and adjusted by a licensed contractor per the valve manufacturer installation instruction, and in accordance with local codes and ordinances. In general, key characteristics to ensure a tempering valve to work best for Brasstech Roman tub with hand spray products, shall be as follows:

- Tempering valve should be used prior to the Roman tub product to reduce the hot water supply to a safe temperature.
- To ensure sufficient water flow through the tub spout, tempering valve should be capable to handle a flow rate of 10 gpm or more.
- Tempering valve should include inlet filter washer and check valves in both the hot and cold water inlets to protect against cross flow.

Pressure - Temperature - Flow Rate
Minimum supply pressure static: 30psi (207 kPa)
Inlet temperature: hot inlet, 120°F – 180°F (49°C – 82°C)
cold inlet, 39°F – 85°F (4°C – 29°C)
Temperature out: Field range: 80°F -120°F (27°C – 49°C), adjustable. Accurate within +/-3°F (1.7°C)
Maximum temperature: 200°F (93°C)
Maximum pressure: 150psi (10.3 bar)
Minimum flow: 0.5 gpm (1.9 lpm) @ 0.8psi (0.55 kPa)
Maximum flow: 20 gpm (76 lpm) @ 125psi (862 kPa)
***Note:** Valve should be installed in a location where it is accessible for cleaning or service. Due to the effects of various water conditions, periodic verification of outlet water temperature is required.