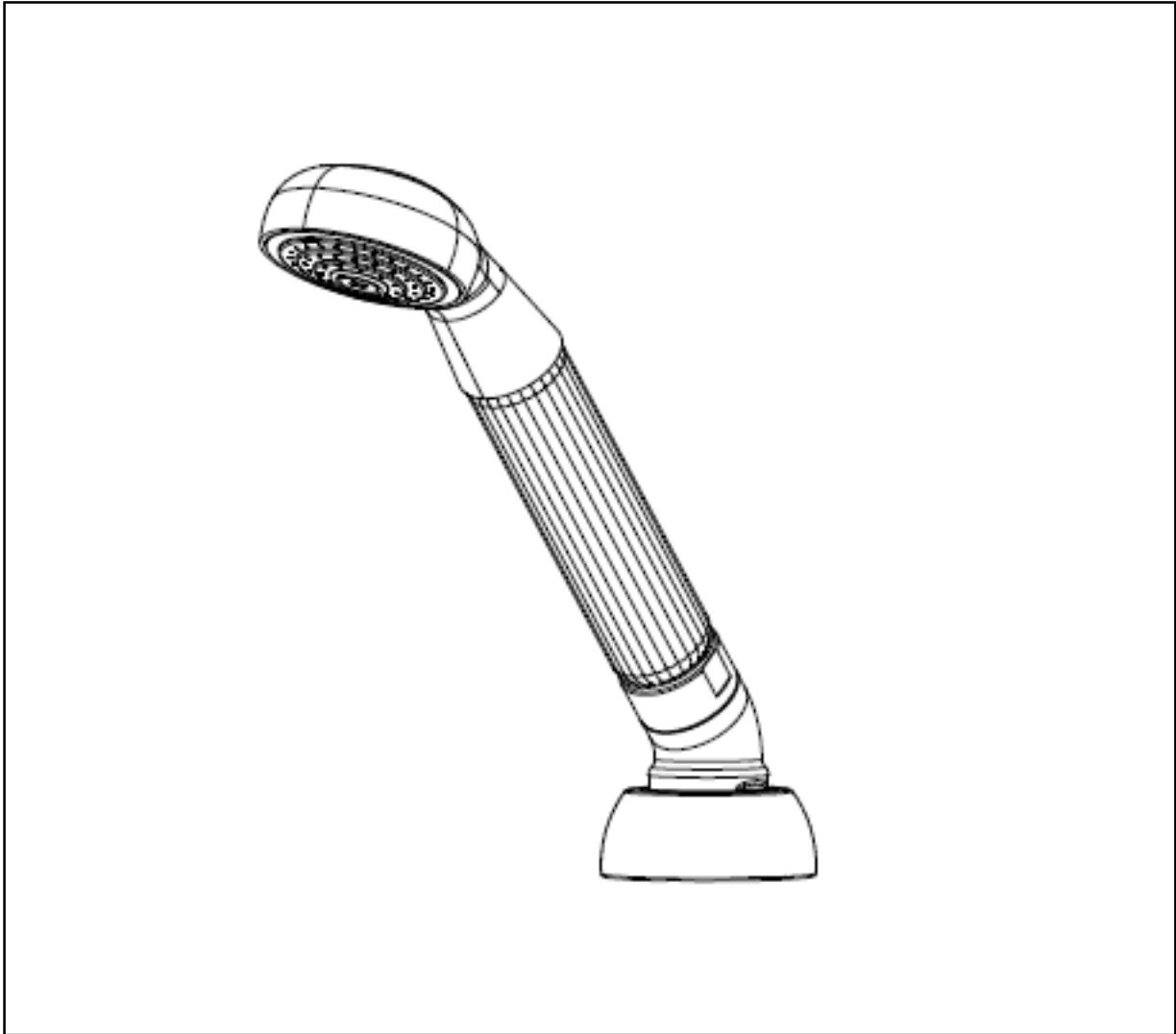


INSTALLATION INSTRUCTIONS  
DECK MOUNTED  
HAND SHOWER KIT  
Model No's: 280c

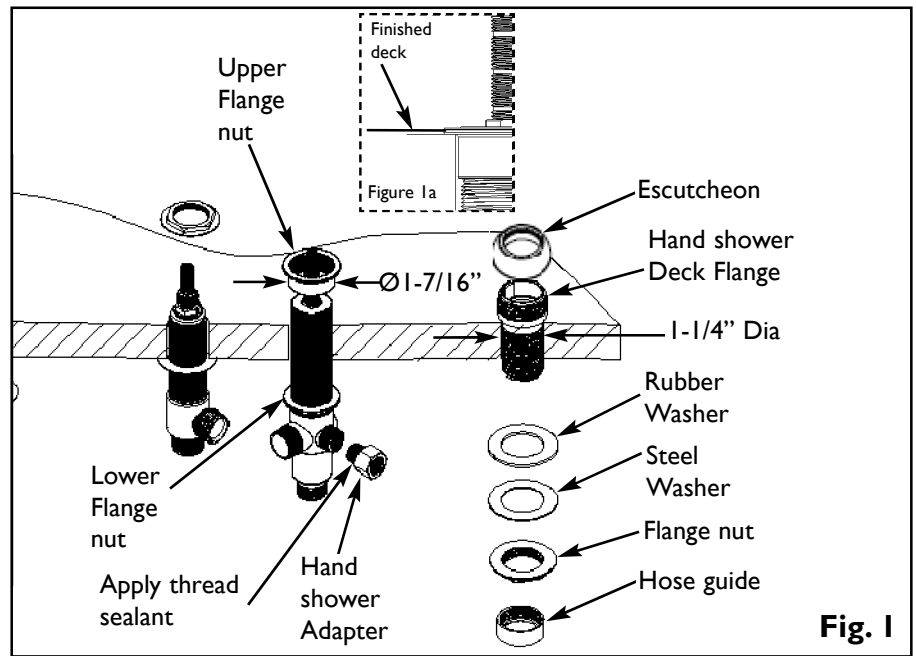
**NEWPORT BRASS**  
Flawless Beauty. From Faucet to Finish.™



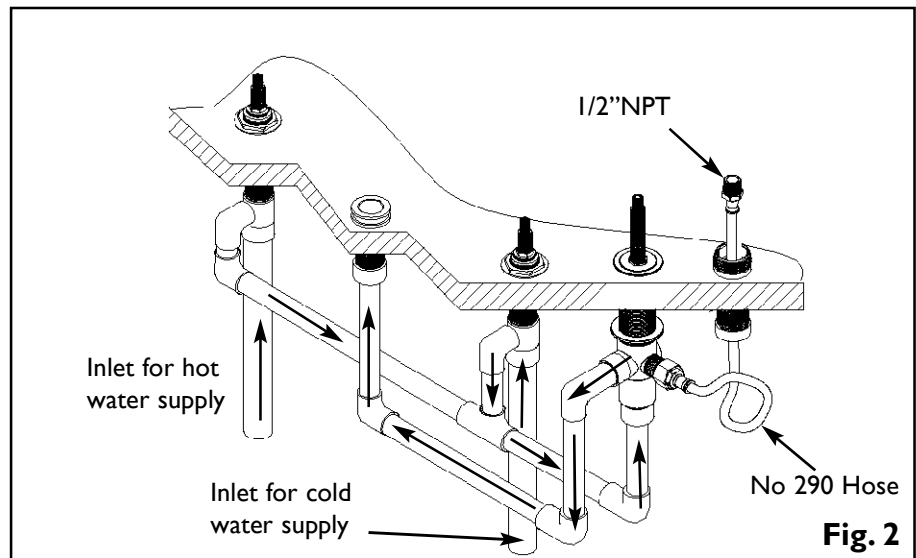
**Congratulations on the purchase of your Newport Brass product, an excellent choice, that will give you years of quality service and enhance the look and style of your home.**

1. Install Hand Shower Deck Flange and Escutcheon  
See Fig 1.

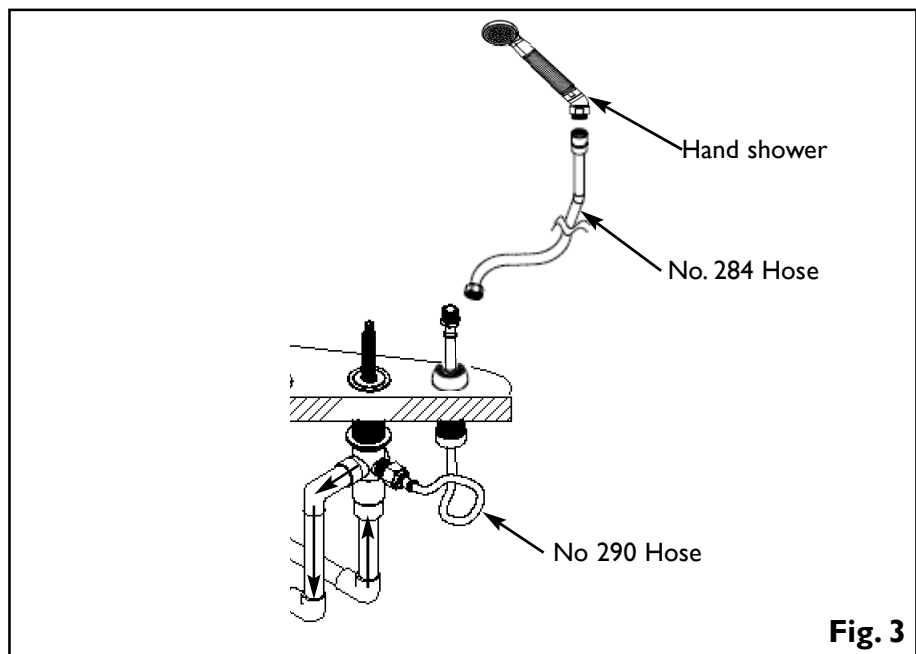
**\*** Note: Some states require a ASSE 1016 approved Tempering Valve installation with this product. See disclaimer (page 3) for proper installation



2. Attach No. 290 hose to diverter using handshower adapter. Install deck flange.  
See Fig.1 and Fig.2



3. Attach No. 284 hose to No.290 hose. Turn water on to verify for leaks and clean line of debris. Attach Hand Shower to No. 284 Hose. See Fig. 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 with 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.

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