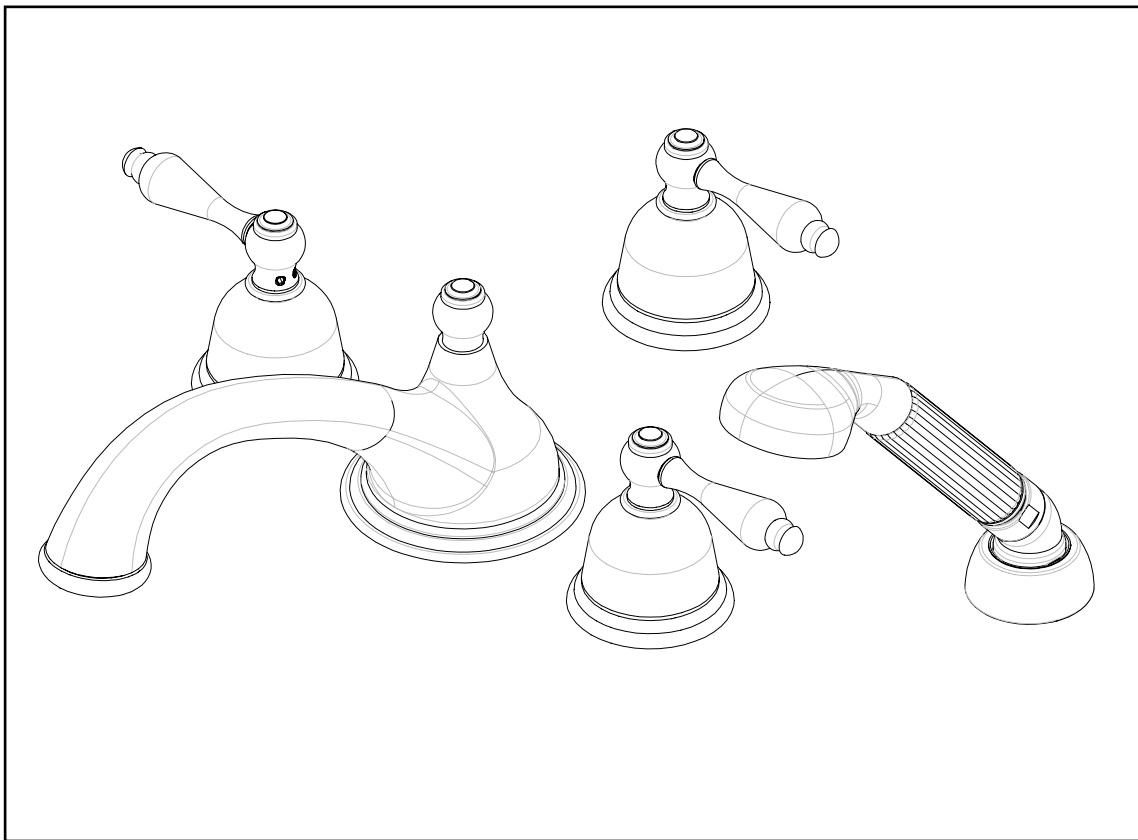


**ROMAN TUB 3 VALVE AND TRIM  
INSTALLATION INSTRUCTIONS**

Valve Body No. I-503

Trim Kit for Model No's: 807, 817, 827, 837, 843, 847, 857, 917,  
927, 937, 987, 997, 997L, 1007, 1207, 1037, 1407, 1407L, 1507,  
2017, 2027, 2107



**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.**

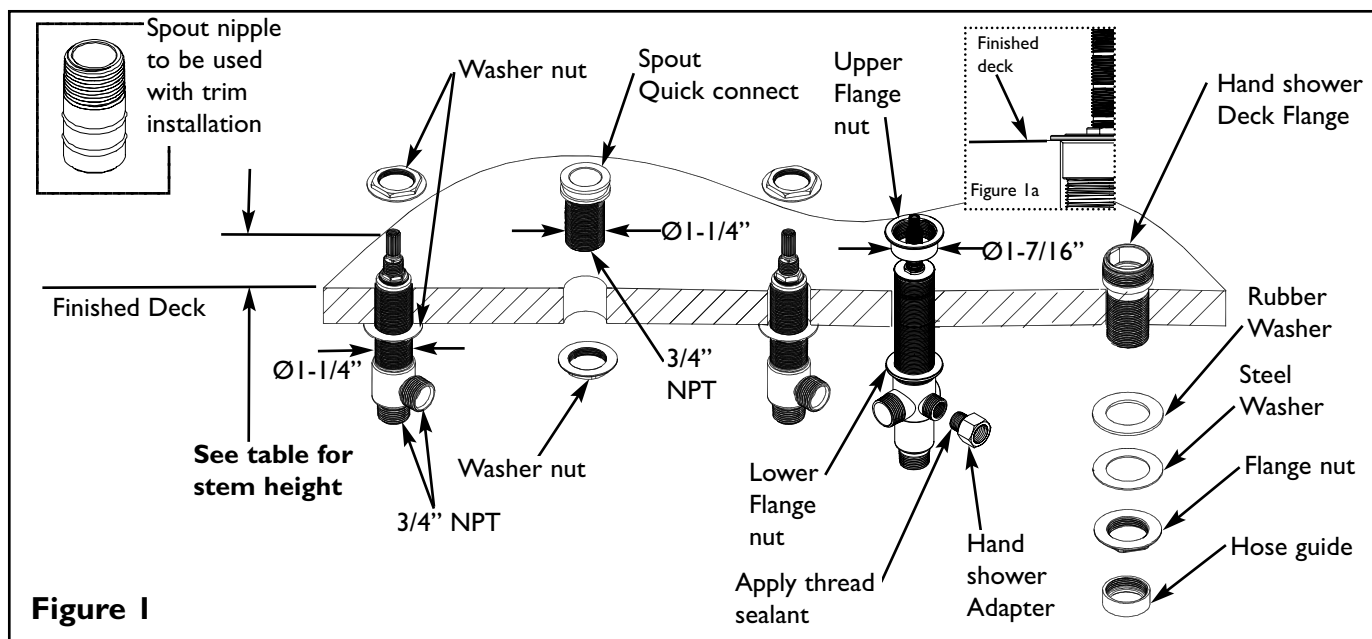
## Rough in valve Installation

### Recommended Installation by a Professional Plumbing Contractor

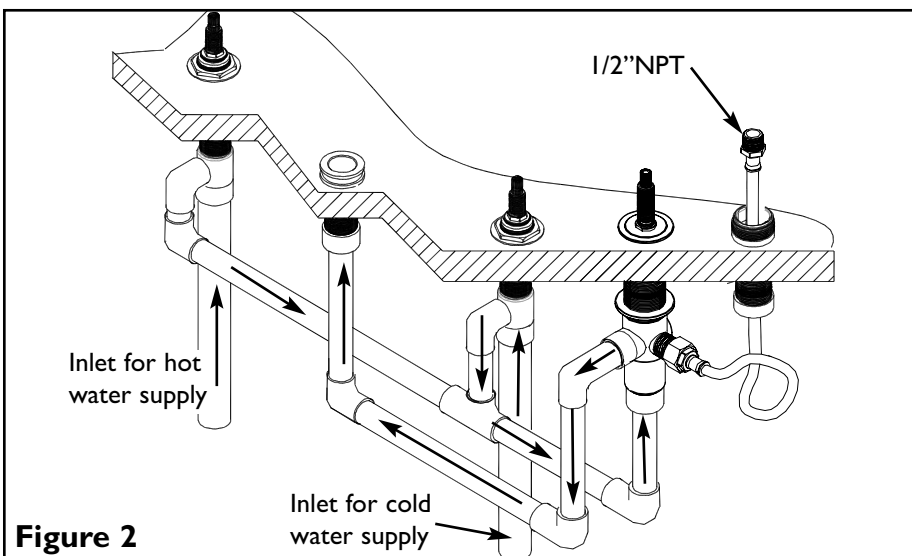
**Note:** Use Teflon tape or equivalent to seal all threaded joints. Plumb with 3/4" copper pipe is recommended.

**Warning:** To prevent severe damage to valve body, any solder/braze process must be performed a min. of 4" from ports.

1. Install the spout quick connect shank through appropriate hole of mounting surface. Secure with washer nut. See Fig. 1
2. Place lower washer nut on valve body. Insert body, (blue cold & red hot), through hole from underside of deck.
3. Adjust stem height from finished deck per Table 1 and secure into place with upper washer nut. See Fig. 1.
4. Apply thread sealant (e.g. Teflon tape) to hand shower adapter's male threads and tighten onto diverter valve body.
5. Remove upper flange nut and install diverter body from underside of deck. Reattach upper flange nut onto diverter valve. Note: place flange nut on finished deck surface, see Figure 1a.
6. Secure diverter valve body to deck by tightening lower flange nut.
7. Cut diverter stem to height shown in Table 1. Cut all thread 1/2" shorter than stem
8. Install hand shower deck flange housing though hole on finished deck surface, install rubber and steel washer and secure with flange nut.
9. Place plastic hose guide onto lower portion of housing threads.
10. Feed braided hand shower hose through deck flange and attach one end of hose into the hand shower outlet of diverter valve. See Figure 2.
11. Attach hot/cold supply lines to appropriate valve body. See Figure 2.
12. The outlet from each valve body must be joined (ie. mixed) then attached to inlet at bottom of diverter valve.
13. Connect 3/4" side outlet of diverter valve to tub spout fitting as shown in Fig. 2.



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



**Table I**

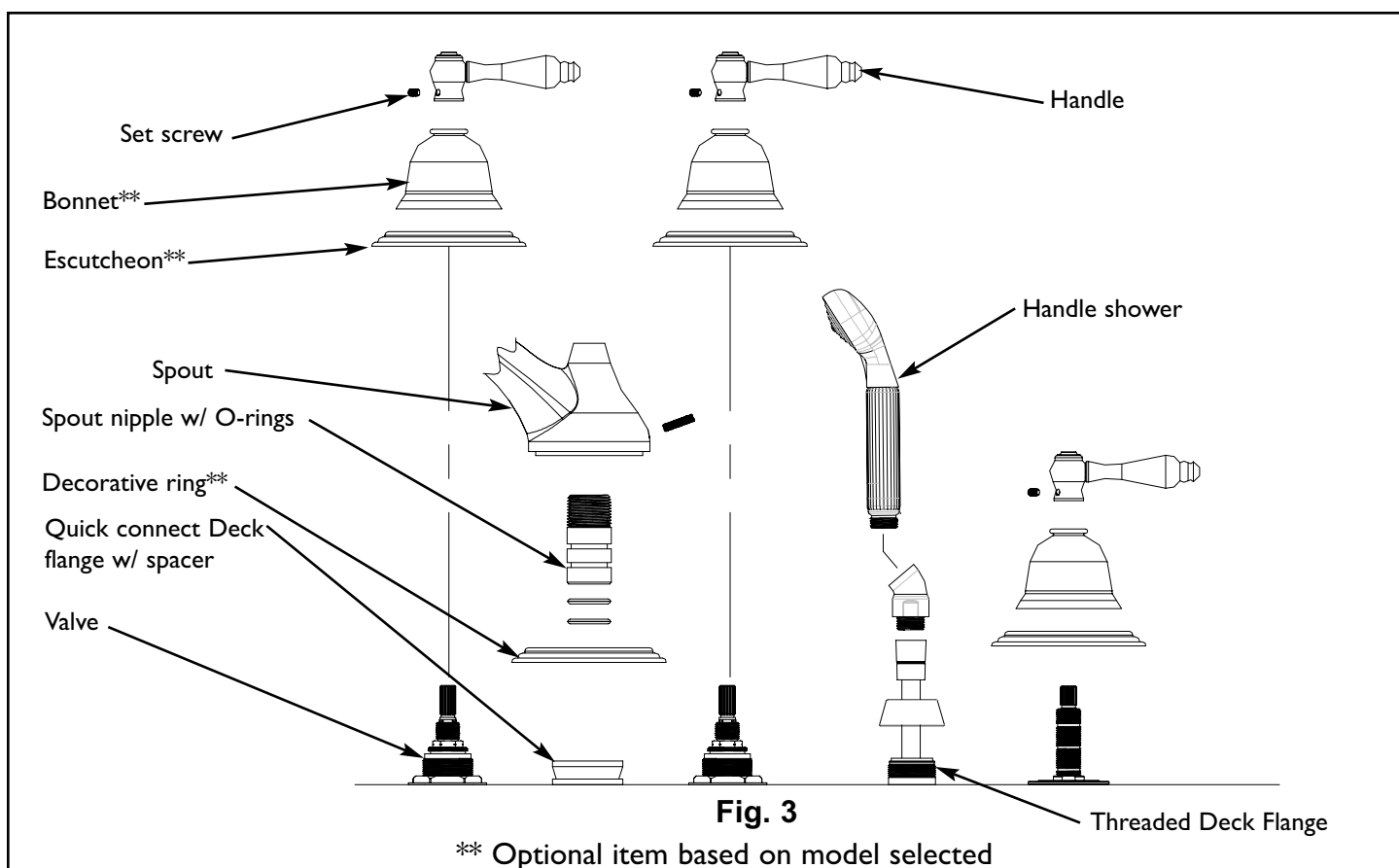
SERIES	807	817	827	837	843	847	857	917	927	937	987	997(L)	1407(L)	1007	1207	1037	1507	2017	2027	2107
STEM HEIGHT	2-1/2"	2-3/4"	2-1/4"	2-1/4"	2-3/4"	2-1/2"	2-3/8"	2-3/4"	2-1/4"	2-1/4"	2 7/16"	2"	2"	2-1/4"	2-1/4"	2-1/4"	2-1/8"	2-7/16"	2-1/2"	2-1/4"

### Trim Installation

Note:

To achieve desired handle rotational alignment, the cartridge **MUST** be tightened in a clockwise rotation only. (Cartridge Bonnet factory torque is 14-16 ft-lbs.)

1. Attach handle and diverter trim to valves. Any adjustments for rotational alignment must be made to the valve body - not to the cartridge. (Note: Allow minimum spacing between handles and escutcheon/bonnet to prevent damage to the surface finish.) Secure handles into place with setscrew.
2. Apply Teflon tape to spout nipple and install into base of spout. Slide spout nipple into quick connect deck flange (re-grease if necessary). Make sure spout is flush with deck and secure into place with setscrew. See Figure 3
3. Install decorative ring to threaded deck flange. Attach braided hose, from diverter, to the hand shower decorative hose and assembly.
4. Turn on water supply, check for leaks and make any final adjustments required.



# 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)

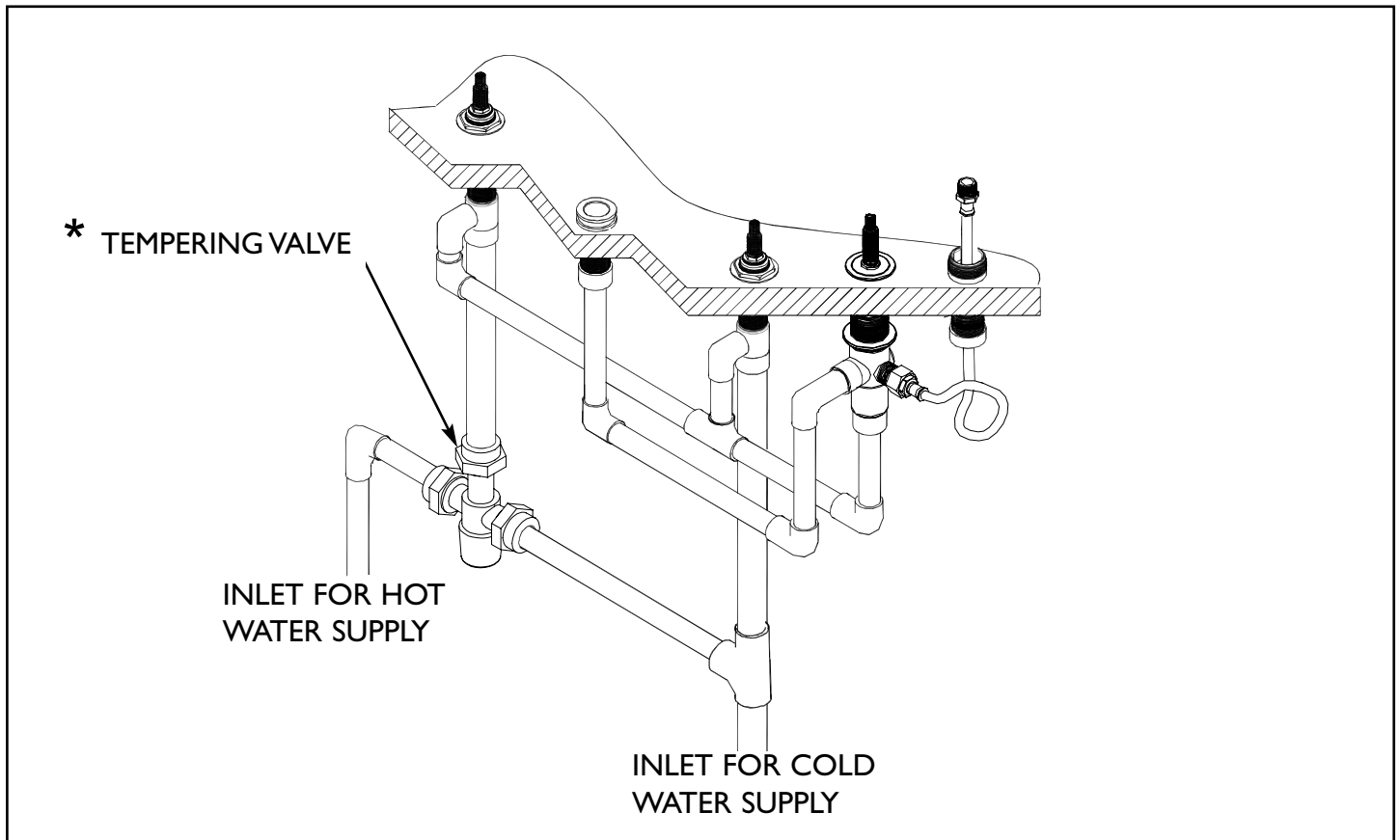
Temperature out: Field range: 80°F -120°F (27°C – 49°C), adjustable. Accurate within +/-3°F (1.7°C)

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.

## Newport Brass Product Care

Newport Brass faucets and bath fittings are made of solid brass and are of the finest quality. To maintain the finish on these items, please:

- Do not use any abrasive cleaners, detergents, brass or silver polish which will scratch the surface.
- Clean with a soft damp cloth.

Applying a coating of a non-abrasive liquid wax to the clean surface of the product will keep it looking beautiful. Brass ProTech, a product of Brasstech, Inc., can be used on all types of decorative painted and plated finishes.

Simply apply Brass ProTech with a soft cloth and let it dry. Then remove by rubbing gently with a soft dry cloth. Brass ProTech contains no harsh abrasives.

We highly recommend using Brass ProTech on items finished in Satin Nickel (15S), Polished Nickel (15), Polished Silver (25) and Satin Silver (25S). Do not allow soap scum or minerals in water to build up on the surface finish of your faucets or bath fittings (including toothpaste). These will gradually eat into any finish and diminish the beauty of your Newport Brass products.

**Flush pipes prior to installation:** Solder and other debris may damage ceramic discs. Cartridges are factory set at 14–16 lbs. torque.

## Limited Warranty

Brasstech, Inc. ("Brasstech") warrants to the original consumer residential purchaser ("Original Purchaser") that if a Brasstech product ("Product") is confirmed upon inspection to be non-conforming in materials or workmanship during the warranty periods described below, Brasstech will, at its option, either repair or replace the Product with a similar current model of the Product. If repair or replacement is not commercially practical or cannot be made in a timely manner, then Brasstech will provide a refund for the Product.

## Warranty Periods and Coverage

### Product Finishes

- PVD, Powder Coat Epoxy, including Oil Rubbed Bronze (10B) and Polished Chrome (26) finishes on Products other than Drains are warranted as long as the Original Purchaser owns their home.
- All other finishes are warranted for ten (10) years from date of purchase by the Original Purchaser, with the exception of uncoated or "living" finishes, which have no warranty\*.

### Drain Finishes

- Powder Coat Epoxy, Polished Chrome (26), Satin Chrome (26D), Oil Rubbed Bronze (10B), Forever Brass PVD (01), Satin Brass PVD (04) and Stainless Steel PVD (20) finishes on kitchen, bath or lavatory drains of all types ("Drains") are warranted for one (1) year from date of purchase by the Original Purchaser.
- All other Drain finishes have no warranty.

## Functionality

- All Product parts except valves are warranted for 10 years from date of purchase by the Original Purchaser.
- Ceramic disc valves for the lavatory faucet, tub/shower and roman tub are warranted for as long as the Original Purchaser owns the home.
- All other valves (balance pressure, thermostatic, etc.) are warranted for one (1) year from date of purchase by the Original Purchaser

## Exclusions from Coverage

***This Warranty does not cover labor charges or associated costs for, or damages occurring during the removal, transportation, return or installation of Products or replacement Products.***

This Warranty does not cover damage or non-conformance due to misuse, abuse, hard water, improper storage, improper handling, improper maintenance\*\*, improper installation\*\*\* or uses other than normal household usage\*\*\*\*.

This Warranty is not transferable.

## Limitations on Remedies

***In no event will Brasstech be liable for incidental or consequential damages (such as labor charges), whether based on breach of express or implied warranty, breach of contract, negligence, strict liability or any other legal theory.*** Some states do not allow the exclusion or limitation of incidental or consequential damages, so, the above limitation or exclusion may not apply to you.

Any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited to the duration of this written warranty. Some states do not allow limitations on how long an implied warranty may last, so the above limitation may not apply to you.

## Warranty Service

To obtain service under this Warranty, please contact your Product dealer. If you are unable to locate your dealer, please call 949-417-5207 or access the Brasstech, Inc. website at [www.brasstech.com](http://www.brasstech.com). Proof of purchase, such as the original purchase order, is required to issue credit to the distributor.

## State Remedies

This Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

\* **Uncoated and Living Finishes** Uncoated finishes such as Polished Brass Uncoated (03N) and weathered finishes such as Weathered Brass (03W) and Weathered Copper (08W) are intended to naturally weather and do change color over time. Living and uncoated finishes are not warranted.

\*\* **Maintenance** Proper maintenance is required to preserve all finishes. Do not use any abrasive cleaners, alcohol, ammonia, detergents, or brass or silver polish on the Products. For complete care requirements and recommendations, please visit our website at [www.brasstech.com](http://www.brasstech.com).

\*\*\* **Proper Installation** Products must be installed in accordance with the manufacturer's installation instructions supplied with the Products.

For example, pipes must be flushed before faucet installations, because solder and other debris may damage ceramic discs. You may also call 949-417-5207 for copies of the installation instructions. Many of our installation instructions are also available on our website, [www.brasstech.com](http://www.brasstech.com).

\*\*\*\* **Commercial Purchasers** Brasstech extends the above limited warranty to purchasers of Products for industrial, commercial and business use upon the same terms and conditions and exclusions applicable to residential purchasers, except that the finish and functionality warranty periods are reduced to a period of one (1) year from the date of purchase. ***Additionally, with respect to commercial purchasers, all implied warranties, including the implied warranties of merchantability and fitness for a particular purpose are excluded and disclaimed.***

(949)417-5207

NWP-I-503

Santa Ana, Ca. 92705  
[www.brasstech.com](http://www.brasstech.com)

12/1/06