The Plumber’s Guide to M•PACT® Roman Tub Valves
Featuring the New Dura-Grip™ Mounting System.

Versatile. Durable. Built to Perform.
Installation made easier from step one to done.

ROUGH-IN
1. All valves and spout shanks utilize a 1¼” hole size—if you’ve already drilled the holes for 1¾” or 1½”, the new mounting hardware will still accommodate the larger hole.
2. All valves have brass bodies and metal mounting hardware for a solid, durable and secure installation.
3. A brass test plug is included with every valve, providing a means for high-pressure testing after rough-in.
4. The mud caps are more robust, and they thread onto the valves to prevent accidental removal after rough-in.
5. Our new Dura-Grip™ Mounting System features an anti-rotation bracket and new spout shank assembly, providing a secure installation with no movement. Additionally, the new valve designs no longer require a roll pin for the spout, saving you installation time.
6. The 4792 and 4793 valves come with a machined groove that easily indicates rough-in height, speeding up the installation process.
7. The outlet connection to the spout for the 4792 and 4793 valves has been relocated for easier installation.
8. A manufactured brass tee fitting is included with the 4792 valve to save you time and money.

TRIM
1. The 4792 and 4793 valves with an adjustable shank come preset for finished deck installations. If installed on a rough deck, loosen the expansion nut inside the shank and adjust the height to have a minimum of 1¼” showing above the finished deck. A tool is included with every valve to assist you.
2. The threaded bushings and new stem extensions (for valves roughed-in with a subsequent finish deck) are faster and easier to install; no screws required.

Moen offers a full range of Roman Tub valves to meet plumbers’ needs for secure, easy installation as well as connection options for every kind of pipe including copper, PEX, cold expansion PEX and CPVC.

FOR A MORE SECURE AND EASIER INSTALLATION
The Dura-Grip™ Mounting System features an anti-rotation bracket and new spout shank assembly, providing a more secure installation with no movement. The hardware components work together to prevent the valves and spout from moving after installation while providing features that work with all types of surfaces.
The Moen Roman Tub. Making the installation process less of a process.

Moen kept plumbers like you in mind when designing Roman Tub valves. With more options and improved design, it’s easier than ever to install the long-lasting Roman Tub valve.

VERSATILITY
- Longer valves fit cleanly and easily against today’s most popular solid-surface Roman Tub deck materials.
- Quick-connect fittings have a self-aligning feature for faster, foolproof installation.
- Built on our M•PACT® Common Valve System—allowing for a quick and easy trim change without replumbing below the deck.
- Broader selection of valves to meet your needs.

DURABILITY
- The Roman Tub’s Dura-Grip™ Mounting System provides secure installation as well as stability for uneven surfaces.
- Constructed from materials that are proven to perform: brass, stainless steel and braided PVC. Together, they create a more streamlined, functional and durable unit.
- All quick-connect fittings feature internal ribs to prevent side-loading and a double O-ring seal to provide an additional level of security.
- Mounting hardware engineered to securely prevent the valves and spout from moving.

PERFORMANCE
- Tough under pressure: Tested to pressures in excess of 500 psi, and the assembly and fittings held securely in place.
- Withstands every extreme: Tested to 500,000 cycles with the temperature alternating between 150°F and 50°F every 1,000 cycles without breakdown.

M•PACT Roman Tub Valve 4793

1. No-Cut Adjustable Spout Shank
   Eliminates time-consuming measuring and cutting for a quicker and easier installation.

2. ½” PEX-Ready Inlets and Outlets
   Versatile barb meets ASTM F1807 and includes two CPVC transition fittings, which meet ASTM D2846.

3. Quick-Connect Flexible Hose
   Braided PVC tubing is the same material used in whirlpool tub applications for easy installation and peace of mind.

4. 2¾” Rough-In Deck Thickness
   Provides maximum flexibility to accommodate a wide variety of deck thicknesses, from fiberglass to granite and tile.

5. Dura-Grip™ Mounting System
   Prevents rotation of valve bodies and spout. Provides stability for uneven surfaces under the deck.

6. M•PACT Compatible
   Fits all Moen M•PACT-compatible trim for quick and cost-effective upgrade opportunities. Quick and easy trim changes can be made without replacing the valve below the deck.
Roman Tub valves have a back-siphon feature.

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**FIXED VALVES**

<table>
<thead>
<tr>
<th>Features/Benefits</th>
<th>4796</th>
<th>4797</th>
<th>4798</th>
<th>9796</th>
<th>9797</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>3-hole fixed (10&quot;)</td>
<td>3-hole fixed (10&quot;)</td>
<td>3-hole fixed (10&quot;)</td>
<td>4-hole fixed (10&quot;)</td>
<td>4-hole fixed (10&quot;)</td>
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<tr>
<td><strong>Connections</strong></td>
<td>CC</td>
<td>PEX/CPVC</td>
<td>PEX/COLD EXPANSION PEX</td>
<td>CC</td>
<td>PEX/CPVC</td>
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<tr>
<td>No-cut adjustable spout shank; easier and quicker to install</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Hole size</td>
<td>1\1/8&quot;</td>
<td>1\1/8&quot;</td>
<td>1\3/4&quot;</td>
<td>1\1/2&quot;*</td>
<td>1\1/2&quot;*</td>
</tr>
<tr>
<td>Spout shank adjustment tool included</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Quick-connect flexible hose; 24° centers; quick and easy to install</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Rough-in deck thickness</td>
<td>1\1/8&quot;</td>
<td>1\1/8&quot;</td>
<td>1\3/4&quot;</td>
<td>1\1/2&quot;*</td>
<td>1\1/2&quot;*</td>
</tr>
<tr>
<td>Additional finish deck thickness</td>
<td>5/8&quot;</td>
<td>5/8&quot;</td>
<td>5/8&quot;</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Common handle adapters</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Stainless steel keyed mounting brackets with integral teeth lock each valve independently to deck</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>All metal mounting hardware secures installation</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Brass test plug included to pressure test installation to 125 psi</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>M•PACT-compatible — fits all Moen M•PACT Common Valve System trim</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

* Hand shower hole 1\1/2"
### FIXED VALVES

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<thead>
<tr>
<th>Hole Size</th>
<th>1/2&quot;</th>
<th>3/4&quot;</th>
<th>1&quot;</th>
<th>1-1/4&quot;</th>
<th>1-1/2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole Sizes</td>
<td>4796</td>
<td>4797</td>
<td>4798</td>
<td>9796</td>
<td>9797</td>
</tr>
</tbody>
</table>

#### Hole Sizes
- 4796
- 4797
- 4798
- 9796
- 9797

#### Features/Benefits
- Brass keyed steel
- Quick-connect
- Adjustable
- M•PACT-compatible
- Includes 3-hole no-cut rings.
- No-cut rings are compatible with plastic rings (M•PACT, Gold® and A112.18.1/CSA B125.1).

#### Additional
- The Dura-Grip™ Mounting System
- The 4-hole bushing and handle adapter are purchased in kits from our other lines (4935D/R/8).
- M•PACT/roman tub.
- sqlCommand()

#### Specification
- The Moon Roman Tub: Frequently asked questions.

### ADJUSTABLE VALVES

<table>
<thead>
<tr>
<th>Hole Size</th>
<th>1/2&quot;</th>
<th>3/4&quot;</th>
<th>1&quot;</th>
<th>1-1/4&quot;</th>
<th>1-1/2&quot;</th>
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<td>9797</td>
</tr>
</tbody>
</table>

#### Hole Sizes
- 4796
- 4797
- 4798
- 9796
- 9797

#### Features/Benefits
- Brass keyed steel
- Quick-connect
- Adjustable
- M•PACT-compatible
- Includes 4-hole no-cut rings.
- No-cut rings are compatible with plastic rings (M•PACT, Gold® and A112.18.1/CSA B125.1).

#### Additional
- The Dura-Grip™ Mounting System
- The 4-hole bushing and handle adapter are purchased in kits from our other lines (4935D/R/8).
- M•PACT/roman tub.
- sqlCommand()

#### Specification
- The Moon Roman Tub: Frequently asked questions.

### Installation
- Do I need to know theIRC codes? The Moon Roman Tub requires that the installer be familiar with the IRC codes. The Installer must be aware of the local building codes and regulations that apply to the installation of this product. The installer must be able to read and understand the codes and regulations that apply to the installation of this product.
- Can I connect PEX between the valves and spout, do I need to have an access panel? Yes, the spouts and the quick-connect fittings are designed to be connected with PEX. The quick-connect fittings are compatible with plastic rings (M•PACT, Gold® and A112.18.1/CSA B125.1). You may also need an access panel for your installation, depending on the specific codes in your jurisdiction.
- Can I install the Moon Roman Tub in a new construction site? The Moon Roman Tub is designed for new construction sites. It is not recommended for use in existing construction sites.
- How do I make sure that the spout shank stays the same height when the water is turned on? Use rings. We recommend using rings that are compatible with the Moon Roman Tub. The rings are included with the Moon Roman Tub, and they are designed to prevent the spout shank from rising up when the water is turned on.
- Is there an adjustable shank on the 4-hole Roman Tub valves? Yes, the adjustable shank is a new feature on the 4-hole Roman Tub valves. The adjustable shank allows for easy adjustment of the spout height, making sure that it is the same height when the water is turned on.
INSTALLATION

Q: Give me the basics: What should I expect during installation?
A: Hole Sizes — All holes are now 1 1/4". The redesigned valves do not require a roll pin for the spout.

Soldering — There’s no need to remove the cartridges from the valve when soldering since you won’t need to worry about heat transfer.

Rough-In Height — When the adjustable valves are roughed-in according to our instructions, they have the capability to handle up to an additional 1 1/4" of mud and tile or solid surface. It also provides alignment between the outlets and the center shank.

Threaded Bushings and Handle Adapters — The new valve roughs in leaving 1/8" of threads above the deck. In thin-deck installations (e.g., acrylic tubs) or when the valve is installed after the deck is finished, the threaded bushings and handle adapters are not required.

Q: I use CPVC pipe and like the flexibility and quick-connect of the 4793 and 9793 valves. Do you have transition fittings to connect to CPVC?
A: Both the 4793 and 9793 valves come with two CPVC 1/2" copper tube size transition fittings in the box. These fittings meet the requirements of ASTM D2846 and are compatible with FlowGuard Gold® one-step CPVC cement or any cement that meets ASTM F493. Additional CPVC transition fittings can be purchased in sets of four (order Service Kit #140714).

Q: I like the flexibility of the 4793 and 9793 valves but don’t want to use the quick-connect hoses. How can I take advantage of these valves?
A: We designed the inlets and outlets with a barb that meets ASTM F1807 for attachment to PEX fittings with copper crimp rings. There are two O-rings above the barb that provide connectivity to our CPVC and cold expansion PEX adapters. Plumbers can utilize these features and plumb the valve to the Shank with either PEX or CPVC piping.

Q: Is the PEX barb on the 4793 and 9793 valves compatible with Rehau® PEX tubing or cold expansion PEX?
A: Any PEX tubing manufactured in accordance with ASTM F877 is compatible with our PEX fittings. Use Moen Service Kit 140715 to attach to cold expansion PEX.

Q: Does the adjustable shank need to be secured at rough-in or can it wait until trim?
A: The expansion nut comes pre-tightened from the factory, set for a finished deck.

Q: What if the spout shank rises up when the water is turned on?
A: The expansion nut in the bottom of the Shank needs to be tightened. Using the square bar included with the valve, tighten the expansion nut located inside the spout Shank.

Q: Is there an adjustable shank on the 4-hole Roman Tub valves?
A: Because these valves feature a diverter rod, the spout Shank is not adjustable like it is on our 4792/4793 valves. We recommend verifying your finish height at rough-in or installing the valve during the finish stage.
DURABILITY AND PERFORMANCE

Q: What is the Dura-Grip™ Mounting System?
A: It’s a robust engineered system where the mounting hardware components work together to prevent the valves and spout from moving after installation while providing features that work with all types of surfaces.

Q: What pressure have the hoses been tested to?
A: The industry requirement is 290 psi in accordance with ASME A112.18.1/CSA B125.1 for hose assemblies. Our hoses and quick-connect fittings were tested to pressures in excess of 500 psi.

Q: Will the quick-connect fittings break or leak under pressure or torque?
A: No. The fittings on our Roman Tub valves have been tested to pressures in excess of 500 psi and have a self-aligning feature, internal ribs to prevent side-loading and an extra O-ring seal to provide an additional level of safety.

CODES

Q: What codes do the valves meet?
A: The valves meet the requirements of ASME A112.18.1/CSA B125.1, ASTM F1807 and CSA B137.5 for PEX; ASTM D2846 and CSA B137.6 for CPVC; and all applicable requirements therein.

- The ¹⁄₂” PEX fittings are compatible with PEX tubing manufactured to ASTM F877.
- The ¹⁄₂” CPVC fittings are manufactured to ASTM D2846.

Q: If I connect PEX between the valves and spout, do I need to have an access panel?
A: The PEX and CPVC connections on our Roman Tub valves have been tested and third-party certified to the applicable pipe-fitting standards referenced in the International Plumbing Code® (IPC®), Uniform Plumbing Code® (UPC®) and the National Standard Plumbing Code (NSPC). The installation of a Roman Tub valve with these types of connections does not require an access panel. However, if the bathtub is a whirlpool, an access panel will be required to service the pumps and fittings. These three codes are the primary national codes that most jurisdictions would reference as their base code and sometimes are amended to include specific requirements for a particular jurisdiction.

Q: Is an access panel required when using the quick-connect fittings?
A: The code requirements for an access panel differ when using flexible connections. The quick-connect fittings used on our Roman Tubs on the outlet side of the valve are subjected to noncontinuous pressure. Some codes allow this installation without an access panel, while others require an access panel whenever any flexible connector is used. Installers should check with local authorities for specific requirements.

Q: Do the 4-hole Roman Tub valves have a back-siphon feature?
A: Yes. The diverter mechanism incorporates a check valve to prevent back-siphon.
The Roman Tub's Dura-Grip™ Mounting System provides secure installation as well as stability for uneven surfaces. Its 2 3/4" Rough-In Deck Thickness allows for maximum flexibility to accommodate a wide variety of deck thicknesses, from fiberglass to granite and tile. A 1/2" PEX-Ready Inlets and Outlets help eliminate time-consuming measuring and cutting for easier installation. No-Cut Adjustable Spout Shank allows you to update the shank and adjust the height to have a minimum of 1 1/4" showing above the deck. The threading and new stem extensions (for valves roughed-in with a 2 1/2"isper) make replacing the valve below the deck easier. A brass test plug is included with every valve, providing a means for high-pressure testing after rough-in. The mud caps are more robust, and they thread onto the valves to prevent accidental removal after rough-in.

**Performance**
- Tested to pressures in excess of 500 psi, and the assembly and fittings held securely in place.

**Durability**
- Consistently constructed from materials that are proven to perform: brass, stainless steel, and braided PVC. Together, they create a more streamlined, functional and durable unit.

**Features**
- All quick-connect fittings feature internal ribs to prevent side-loading and a double O-ring seal to provide an additional level of security.
- Versatile barb meets ASTM F1807 and includes two CPVC holes for 1 3/8" or 1 1/2", the new mounting hardware will still accommodate the larger hole.
- A manufactured brass tee fitting is included with the 4792 valve to save you time and money.
- The outlet connection to the spout for the 4792 and 4793 valves has been relocated for easier installation.
- The threaded bushings and new stem extensions (for valves roughed-in with a 2 1/2"isper) make replacing the valve below the deck easier.

For a more secure and easier installation, Moen kept plumbers like you in mind when designing Roman Tub valves. With more options and improved technology, installation made easier from step one to done. The 4792 and 4793 valves come with a machined groove that easily indicates the finished deck. A tool is included with every valve to assist you.

**Existing Options**
- Broader selection of valves to meet your needs.
- MT•PACT™ Common Valve System — allowing for a quick and easy trim change without replumbing.
- Quick-connect fittings have a self-aligning feature for faster, foolproof installation.
- Longer valves fit cleanly and easily against today's most popular solid-surface Roman Tub deck materials.

All Moen products are backed by a Limited Lifetime Warranty.

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