Everybody has a slightly different idea of what makes a perfect shower. Which is exactly why Moen® offers a choice of valve options to power the shower. From budget-conscious, basic control valves to multi-functional systems that deliver an unparalleled custom spa experience, Moen valves are designed, tested and built to delight your client. Shower after shower.

Moen even considered your installation needs in our designs. Our valves are available in a wide array of plumbing connection options, include features that make completing the job easier and are backed by support that is as reliable as our products. All so you can use Moen with confidence.

Questions?

Call our dedicated Trade Services hotline at 1-800-465-6130

Install With Confidence

Moen has created this useful guide to assist you when installing a Moen shower or spa. You’ll find detailed guidelines, color-coded piping diagrams and FAQs for some of the most popular configurations. For additional information not contained within this general guide, contact your Moen representative or call Customer Service at 1-800-465-6130.
The home of the future is here today

Moen is changing showering forever with the introduction of U by Moen™ shower. This next-generation Wi-Fi/cloud-based digital showering system offers mobile connectivity and unmatched personalization, providing countless ways for your clients to create the ideal showering experience with the push of the button.

**Personalization**
Create settings for every occasion — post workouts, lazy mornings and more.

**Remote Activation**
Sync the shower to a smartphone to start, stop and pause remotely.

**Warm Up and Pause**
Save water by having the shower warm up to temperature and pause until you are ready to get in.

**Flexible Installation**
The compact valve size and a 30-foot data cable provide flexible installation options.

Learn more at moen.ca/u
Let it Rain!

We’ve Redefined Invigorating With Immersion® Rainshower Technology

Our exclusive Immersion Rainshower Technology concentrates and magnifies the natural force of water to dramatically enhance your showering experience. Featured on most Moen rainshower showerheads, Immersion channels water through a spoke design in the showerhead cavity. As a result, it delivers optimal water pressure and excellent coverage across the showerhead.

Say spAAAAHHHHH

Single- and Multi-Function Flushmount Sprays Provide the Ultimate Luxury.

With a wider angle of pivot for more precise aim and more complete coverage, Moen flushmount body sprays direct a vigorous flow of water at any, or every, inch of your body. And with our multi-function models, you can easily toggle between a soothing experience or an invigorating massage that’s fully adjustable.

Together with other components such as our Immersion Rainshower Technology and handshowers, our body sprays combine to create your own personal spa in a showcase shower.

Ask your design consultant to help you assemble the right products to match your idea of extraordinary.
Everyone who’s ever used a handheld showerhead will see the appeal of Magnetix. Its powerful magnetic dock easily releases the handshower for use while also securely snapping it back into place — even when eyes are closed. Other benefits include:

- a more streamlined appearance and less clutter.
- superior spray performance and exceptional water coverage.
- a flexible, kink-free, 60-inch metal hose for greater reach in the tub or shower — allowing users to accomplish other tasks, such as bathing children, washing pets and cleaning the shower, with ease.
- six high-performance spray options with optimized pressure ranging from massage to combinations of soft and forceful full-rinse sprays to meet anyone’s shower preference.
Keep Your Options Open With the M•PACT® Common Valve System.

Changing the look of a bathroom has never been faster or easier. As home fashion trends change, the M•PACT Common Valve System allows you to upgrade trim styles or swap out finishes on fixtures without replacing the valves. Once the system is in place, shower trim can easily be changed at any point in time in just a few minutes. Best of all, the M•PACT Common Valve System is as easy to install as a standard valve.

Limited Lifetime Warranty
Moen® products have been manufactured under the highest standards of quality and workmanship. Most Moen faucets are backed by Moen’s Limited Lifetime Warranty. Additional warranty information is available online at moen.ca/consumer-support/warranty.

Make Every Bath a Safe Bath™

GRAB BARS
SAFETY AND STORAGE

Soap, shampoo and safety are all within reach. Our exclusive Shelf with Grab Bar is rated to support up to 250 lbs. as a grab bar when securely installed per instructions but also does double duty as a convenient shelf with room to house shower essentials.

SHOWER SEATING
SITTING PRETTY

Moen seats, chairs and transfer benches make showering safer and more relaxing. Our products not only provide stability, but they also offer a host of convenient features that will make every shower more pleasant, safe and enjoyable.

DECORATIVE GRAB BARS

Moen grab bars bring safety to the bath in style in your choice of Chrome, Brushed Nickel and Oil Rubbed Bronze finishes. Even better, SecureMount™ Anchors make installation possible anywhere on the wall, with or without studs.
U by Moen™ Shower

WAKE UP TO A SMARTER WAY TO SHOWER
U by Moen™ Shower
4-Outlet Shower Controller

4-Outlet Shower Controller / TS3304TB
4-Outlet Shower Valve / S3104

Features

- **Limited Wiring Requirements**
  Valve includes an AC adapter for a GFCI outlet. Data cable connects valve to controller.

- **Cloud-Based Wi-Fi Connectivity**
  Digital controller can be easily operated from the smartphone app.

- **Flexible Install Options**
  Valve can be installed up to 30 feet away for placement near a GFCI outlet.

- **Compact Dimensions**
  13¾” × 15¾” valve fits easily between studs or in closets or cabinets.

- **Easily Maintained**
  Built-in filter screens block debris.

Product Specs

**Functionality**
Wi-Fi connected, app-driven smart shower controller

**Shower Spa Compatible**
Yes

**Trim**
Can be paired with any shower fixtures, including showerheads, rainshowers, handshowers and body sprays.

**Inlet Size**
3/4”

**Outlet Size**
1/2”

U by Moen Smartphone App Available At

[App Store](https://apps.apple.com)

[Google Play](https://play.google.com)

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**9:23**
One-Wall U by Moen 4-Outlet Shower

Valve can be mounted up to 30 feet from controller and up to 6 feet from GFCI outlet.

Valve and GFCI outlet must be accessible after install; they cannot be completely sealed behind a wall.

Controller requires a 8½” x 3⅜” space within the shower.

Outlet A is the primary outlet; this outlet should operate the primary showerhead.

Moen handshowers come with an integrated double check valve to prevent back-siphon.

BODY SPRAYS:
- A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 3 on 1 outlet.
- 2 body sprays may be operated as one function.

Shower can be operated and personalized remotely with the U by Moen app, which is available for Android and iOS.

Shower Head, Arm and Flange
Handshower Drop Ell sold separately
Multi-Function Body Spray [x2]
Single-Function Body Spray [x2]

Shower spa trim is compatible with the M•PACT® Common Valve System.
U by Moen™ Shower
4-Outlet Shower Controller

Configuration 02

One-Wall U by Moen 4-Outlet Shower

- Valve can be mounted up to 30 feet from controller and up to 6 feet from GFCI outlet.
- Valve and GFCI outlet must be accessible after install; they cannot be completely sealed behind a wall.
- Controller requires a 8 3/4" × 3 3/8" space within the shower.
- Outlet A is the primary outlet; this outlet should operate the primary showerhead.
- Ceiling mounted showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

BODY SPRAYS:
- A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 3 on 1 outlet.
- 2 body sprays may be operated as one function.

Shower can be operated and personalized remotely with the U by Moen app, which is available for Android and iOS.

Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Two-Wall U by Moen 4-Outlet Shower

- Valve can be mounted up to 30 feet from controller and up to 6 feet from GFCI outlet.
- Valve and GFCI outlet must be accessible after install; they cannot be completely sealed behind a wall.
- Controller requires a 8⅛” × 3⅜” space within the shower.
- Outlet A is the primary outlet; this outlet should operate the primary showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

**BODY SPRAYS:**
- A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 3 on 1 outlet.
- 2 body sprays may be operated as one function.
- Shower can be operated and personalized remotely with the U by Moen app, which is available for Android and iOS.

- Water inlets are opposite of how typical plumbing is installed.
- Ensure access to shut-offs in hatch.

For more information, refer to the specification sheet for critical dimensions for installation.

Shower spa trim is compatible with the M•PACT® Common Valve System.
# U by Moen™ Shower

## 2-Outlet Shower Controller

### Features

**Limited Wiring Requirements**
Valve includes an AC adapter for a GFCI outlet. Data cable connects valve to controller.

**Cloud-Based Wi-Fi Connectivity**
Digital controller can be easily operated from the smartphone app.

**Flexible Install Options**
Valve can be installed up to 30 feet away for placement near a GFCI outlet.

**Compact Dimensions**
13⅛” × 15¾” valve fits easily between studs or in closets or cabinets.

**Easily Maintained**
Built-in filter screens block debris.

### Product Specs

#### Functionality
- Wi-Fi connected, app-driven smart shower controller

#### Shower Spa Compatible
- Yes

#### Trim
- Can be paired with any shower fixtures, including showerheads, rainshowers, handshowers and body sprays

<table>
<thead>
<tr>
<th>Inlet Size</th>
<th>Outlet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2”</td>
<td>1/2”</td>
</tr>
</tbody>
</table>

**U by Moen Smartphone**

**App Available At**

[Get it on the App Store](#)

[Get it on Google Play](#)
Configuration 01

- Valve can be mounted up to 30 feet from controller and up to 6 feet from GFCI outlet.
- Valve and GFCI outlet must be accessible after install; they cannot be completely sealed behind a wall.
- Controller requires a 8.11/16” × 3⅜” space within the shower.
- Outlet A is the primary outlet; this outlet should operate the primary showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.
- Shower can be operated and personalized remotely with the U by Moen app, which is available for Android and iOS.

One-Wall U by Moen 2-Outlet Shower

Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
**U by Moen™ Shower**

**2-Outlet Shower Controller**

**One-Wall U by Moen 2-Outlet Shower**

**Configuration 02**

- Valve can be mounted up to 30 feet from controller and up to 6 feet from GFCI outlet.
- Valve and GFCI outlet must be accessible after install; they cannot be completely sealed behind a wall.
- Controller requires a $8\frac{1}{16}'' \times 3\frac{3}{8}''$ space within the shower.
- Outlet A is the primary outlet; this outlet should operate the primary showerhead.
- Non-diverter tub spout.
- Shower can be operated and personalized remotely with the U by Moen app, which is available for Android and iOS.

Shower spa trim is compatible with the M•PACT® Common Valve System.

**NOTE:** This configuration is intended for use with a tub spout.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Tremendous flow capacity to design the ultimate shower spa.

Offers a wide variety of design flexibility. Add up to four different types of spray outlets — showerhead, handshower and body spray combinations — on up to three walls.

Must be used in combination with ExactTemp ¾” Thermostatic valve.

**Product Specs**

- **Functionality**
  - Allows the user to adjust water flow rates to each individual shower device.

- **Shower Spa Compatible**
  - Yes

- **Trim**
  - Built on the Moen M•PACT Common Valve System, allowing you to update the Volume Control trim style in the future without replacing any plumbing.

- **Inlet Size**
  - 3/4”
- **Outlet Size**
  - 3/4”
- **Can accept ½” adapter**
Configuration 01

One-Wall ExactTemp 3/4” with 2 Shower Components

- Always use included plug for tub port when using ExactTemp ¾” valve (S3371) in a shower spa configuration.
- Arrow on ¾” Volume Control valve (S3600) should always point in direction of flow.
- Primary showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
One-Wall ExactTemp 3/4" with 2 Shower Components and a Tub Spout

Configuration 02

- Arrow on 3/4" Volume Control valve (S3600) should always point in direction of flow.
- Primary showerhead.
- When using a diverter tub spout with a 3/4" Volume Control valve (S3600), plumb the flow valve outlet to the twin ell front vertical inlet. Plumb the twin ell rear vertical outlet to the showerhead. Plumb the twin ell front horizontal outlet to the tub spout.
- Diverter tub spout.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

Shower spa trim is compatible with the M•PACT® Common Valve System.
Configuration 03

One-Wall ExactTemp 3/4" with 3 Shower Components

- Always use included plug for tub port when using ExactTemp ¾" valve (S3371) in a shower spa configuration.
- Arrow on ¾" Volume Control valve (S3600) should always point in direction of flow.
- Primary showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

**BODY SPRAYS:**
- A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 4 on 1 outlet.

Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Configuration 04

One-Wall ExactTemp 3/4” with Ceiling Rainshower

- Always use included plug for tub port when using ExactTemp 3/4” valve (S3371) in a shower spa configuration.
- Arrow on 3/4” Volume Control valve [S3600] should always point in direction of flow.
- Primary showerhead.
- Ceiling mounted showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

3/4” HOT WATER INLET

3/4” COLD WATER INLET

Shower Head, Arm, and Flange

Handshower; Drop Ell sold separately

Rainshower, Arm, and Flange

Volume Control Trim (x3)

ExactTemp Valve

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

Shower spa trim is compatible with the M•PACT® Common Valve System.
Always use included plug for tub port when using ExactTemp ¾" valve (S3371) in a shower spa configuration.

Arrow on ¾" Volume Control valve (S3600) should always point in direction of flow.

Primary showerhead.

Moen handshowers come with an integrated double check valve to prevent back-siphon.

BODY SPRAYS:

A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 4 on 1 outlet.

Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Three-Wall ExactTemp 3/4” with 3 Shower Components

- Always use included plug for tub port when using ExactTemp 3/4” valve (S3371) in a shower spa configuration.
- Arrow on 3/4” Volume Control valve (S3600) should always point in direction of flow.
- Primary showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

**BODY SPRAYS:**
- A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 4 on 1 outlet.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Always use included plug for tub port when using ExactTemp ¾” valve (S3371) in a shower spa configuration.

Arrow on ¾” Volume Control valve (S3600) should always point in direction of flow.

Primary showerhead.

Moen handshowers come with an integrated double check valve to prevent back-siphon.

BODY SPRAYS:

A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 4 on 1 outlet.
Moentrol®
with Integrated Transfer Valve

Overview

- Pressure-balancing volume control with integrated transfer valve offers an affordable spa experience.
- Choose three-function models that allow for two individual spray outlets and one shared function or a two-function model that offers two discrete functions only, to meet local codes.
- Use with a combination of two body sprays, one showerhead or one handshower to create a custom experience.

Features

Pressure-Balancing Design
Maintains desired temperature within 3°F (1°C) to eliminate thermal shock when there is a pressure change in the supply system.*

Two-Function Operation
Pair with two spray outlets so user can operate each individually in order to meet local code.

Three-Function Operation
Pair with two spray outlets so user can operate each individually or on a shared flow setting.

Adjustable Temperature Limit Stop
Allows user to control the maximum hot water temperature to prevent scalding.

Product Specs

<table>
<thead>
<tr>
<th>Functionality</th>
<th>Volume and temperature control — handle pulls out to adjust flow and rotates from hot to cold.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shower Spa Compatible</td>
<td>Yes</td>
</tr>
<tr>
<td>Trim</td>
<td>Built on the Moen M•PACT Common Valve System, allowing you to update the Moentrol with Integrated Transfer Valve trim style in the future without replacing any plumbing.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inlet Size</th>
<th>Outlet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2”</td>
<td>1/2”</td>
</tr>
</tbody>
</table>

Inlet Connection Options

- IPS
- CC

*Meets ASSE 1016 compliance requirements for controlling temperature fluctuations at flow rates as low as 1.5 gpm/5.7 lpm—well below the 2.5 gpm/9.5 lpm testing standard—so you can safely pair the Moentrol valve Eco-Performance showerheads.
**Moentrol® with Integrated Transfer Valve**

**Configuration 01**

**One-Wall Moentrol with Built-In 2- or 3-Function Transfer Valve**

*NOTE:* Moentrol with built-in transfer valve not intended for use with tub spout.

*Primary showerhead.*

**BODY SPRAYS:**

* A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 2 on 1 outlet.

---

**Transferring Valve Trim: Function Breakdown**

*Shared function not available with 2-function valve

**Function 1**
Temperature and Volume Control

**Function 2***
(shared) variable sharing between components

**Function 3**

---

Shower spa trim is compatible with the M•PACT® Common Valve System.

---

**NOTE:** This configuration is not intended for use with a tub spout.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
One-Wall Moentrol® with Built-In 2- or 3-Function Transfer Valve

Configuration 02

- Moentrol with built-in transfer valve not intended for use with tub spout.
- Primary showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

Transfer Valve Trim: Function Breakdown

- Function 1
- Function 2* (shared) variable sharing between components
- Function 3

Temperature and Volume Control

*Shared function not available with 2-function valve

Shower spa trim is compatible with the M•PACT® Common Valve System.
Overview

- Delivers the water flow and force consumers desire.
- Pressure-balancing volume control valve can be combined with separate two- or three-function transfer valve or Annex Shower Rail to create a shower spa experience.

Features

Pressure-Balancing Design
Maintains desired temperature within 3°F (1°C) to eliminate thermal shock when there is a pressure change in the supply system.*

Graphite Composite Balancing Spool Design
Distinctive and durable design is impervious to hard water and chemicals.

Adjustable Temperature Limit Stop
Allows user to control the maximum hot water temperature to prevent scalding.

Temperature Memory
Handle stays in the last position the user had set when they turned the shower off, so they can return to the same temperature setting within seconds.

1225 Cartridge (A)
Offers high flow rate for a variety of showering systems. Easy-to-service design. Can be rotated for back-to-back installations.

Integral Checks Stops (C) (Optional)
Shut off water supply at the valve for quick and easy repairs. Available with or without.

Inlet Connections (B)
Choice of two connection types: IPS and copper sweat.

Product Specs

Functionality
Volume and temperature control — handle pulls out to adjust flow and rotates from hot to cold.

Shower Spa Compatible
When paired with transfer valve [3372 or 3375] or Annex Shower Rail [TS3661NH].

Trim
Built on the Moen M•PACT® Common Valve System, allowing you to update the Moentrol Valve trim style in the future without replacing any plumbing.

Inlet Size
Outlet Size
1/2”
1/2”

*Meets ASSE 1016 compliance requirements for controlling temperature fluctuations at flow rates as low as 1.5 gpm/5.7 lpm—well below the 2.5 gpm/9.5 lpm testing standard — so you can safely pair the Moentrol valve Eco-Performance showerheads.
Product Specs

Transfer Valve

**Functionality**
Transfer — directs water-flow to spray outlets

**Shower Spa Compatible**
When paired with Moentrol or Posi-Temp® valve

**Trim**
Built on the Moen M•PACT Common Valve System, allowing you to update the Transfer Valve trim style in the future without replacing any plumbing.

<table>
<thead>
<tr>
<th>Inlet Size</th>
<th>Outlet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
</tr>
</tbody>
</table>

**Inlet Connection Options**

Two-Function (3375)
Three-Function (3372)

Features

- Use in combination with Moentrol or Posi-Temp mixing valve to create a custom shower design.
- Pair with either two body sprays, one showerhead or one handshower to create a custom experience.
- Matching and neutral style trims coordinate with bath suite trim styles.
- Two- or Three-Function Operation — Choose three-function model that allows for two individual spray outlets and one shared function or two-function model that offers two discrete functions only to meet local codes.
- Three-function 116719 cartridge offers 180° rotational control.
- Two-function 162154 cartridge offers 180° rotational control.

Annex™ Shower Rail

**Product Specs**

**Functionality**
Provides the functionality of both a showerhead and handshower without a costly remodel.

**Shower Spa Compatible**
When paired with any existing Moentrol or Posi-Temp valve, including competitors’ valves.

**Trim**
Easily attaches to the existing shower arm connection without altering the height.

<table>
<thead>
<tr>
<th>Inlet Size</th>
<th>Outlet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Features**

- Use in combination with Moentrol or Posi-Temp mixing valve to create a custom shower design.
- Design flexibility allows for the addition of any shower arm, showerhead or handshower, including rainshowers, without additional plumbing.
- Built-in two-function diverter allows an easy switch of water flow between the two devices (handshower or showerhead).
- 2-1/2” horizontal adjust-ability can accommodate varying wall thicknesses, for an easier install against any surface — especially important in remodel applications.
One-Wall Moentrol Used with 2- or 3-Function Transfer Valve

- Always plug the shower port when using Moentrol valve in a shower spa configuration.
- Primary showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

| 1/2" HOT WATER INLET | 1/2" COLD WATER INLET |

阀 to be installed upside down, and also flip the retaining clip.

Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Moentrol® with Transfer Valve

One-Wall Moentrol Used with 2- or 3-Function Transfer Valve and Tub Spout

Configuration 04

- Plug the shower port and use a twin ell to supply water from the tub spout to transfer valve.
- Primary showerhead.

BODY SPRAYS:
- A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 2 on 1 outlet.

TUB SPOUT:
- When using a diverter tub spout, plumb the flow valve outlet to the twin ell front vertical inlet.
- Plumb the twin ell rear vertical outlet to the two- or three-function transfer valve inlet.
- Plumb the twin ell front horizontal outlet to the diverter tub spout.

Shower spa trim is compatible with the M•PACT® Common Valve System.

NOTE:
This configuration is intended for use with a diverter tub spout.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Always plug the shower port when using Moentrol valve in a shower spa configuration.

- Easily attaches to the existing shower arm connection without altering the height.
- Showerhead and handheld shower sold separately.

Moentrol® with Annex™ Shower Rail

Configuration 05

One-Wall Moentrol Used with Annex Shower Rail

- Always plug the shower port when using Moentrol valve in a shower spa configuration.
- Easily attaches to the existing shower arm connection without altering the height.
- Showerhead and handheld shower sold separately.

Shower riser connects to Annex (see inset)

Valve to be installed upside down, and also flip the retaining clip

1/2" HOT WATER INLET

1/2" COLD WATER INLET

Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Posi-Temp®

Overview

• The professional’s choice: best-selling valve in the industry.
• Pair with an Eco-Performance showerhead to meet low-flow requirements.

Features

Pressure-Balancing Design
Maintains desired temperature within 3°F (1°C) to eliminate thermal shock when there is a pressure change in the supply system. *

Forged Brass Body
Extended durability for years of worry-free service.

Graphite Composite Balancing Spool Design
Distinctive and durable design is impervious to hard water and chemicals.

Adjustable Temperature Limit Stop
Allows user to control the maximum hot water temperature to prevent scalding.

1222 Cartridge
Offers high flow rate for fast tub fills. Easy-to-service design. Can be rotated for back-to-back installations in large-scale projects.

Optional Integral Stops
Shut off water supply at the valve for quick and easy repairs. Available with or without.

Product Specs

Functionality
Cycling — lever rotates from cold to hot.

Shower Spa Compatible
When paired with transfer valve (3372 or 3375) or Annex Shower Rail (TS3661NH)

Trim
Built on the Moen M•PACT Common Valve System, allowing you to update the Posi-Temp Valve trim style in the future without replacing any plumbing.

Inlet Size
1/2”
Outlet Size
1/2”

Inlet Connection Options

*Meets ASSE 1016 compliance requirements for controlling temperature fluctuations at flow rates as low as 1.5 gpm/5.7 lpm—well below the 2.5 gpm/9.5 lpm testing standard — so you can safely pair Posi-Temp with Eco-Performance showerheads.
### Transfer Valve

**Features**

- Use in combination with Moentrol or Posi-Temp mixing valve to create a custom shower design.
- Pair with either two body sprays, one showerhead or one handshower to create a custom experience.
- Matching and neutral style trims coordinate with bath suite trim styles.
- Two- or Three-Function Operation — Choose three-function model that allows for two individual spray outlets and one shared function or two-function model that offers two discrete functions only to meet local codes.
- Three-function 116719 cartridge offers 180° rotational control.
- Two-function 162154 cartridge offers 180° rotational control.

**Inlet Connection Options**

- Use in combination with Moentrol or Posi-Temp mixing valve to create a custom shower design.
- Design flexibility allows for the addition of any shower arm, showerhead or handshower, including rainshowers, without additional plumbing.
- Built-in two-function diverter allows an easy switch of water flow between the two devices (handshower or showerhead).
- 2-1/2” horizontal adjustability can accommodate varying wall thicknesses, for an easier install against any surface — especially important in remodel applications.

### Annex™ Shower Rail

**Product Specs**

<table>
<thead>
<tr>
<th>Functionality</th>
<th>Inlet Size</th>
<th>Outlet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfer — directs water-flow to spray outlets</td>
<td>1/2”</td>
<td>1/2”</td>
</tr>
</tbody>
</table>

**Features**

- Use in combination with Moentrol or Posi-Temp mixing valve to create a custom shower design.
- Design flexibility allows for the addition of any shower arm, showerhead or handshower, including rainshowers, without additional plumbing.
- Built-in two-function diverter allows an easy switch of water flow between the two devices (handshower or showerhead).
- 2-1/2” horizontal adjustability can accommodate varying wall thicknesses, for an easier install against any surface — especially important in remodel applications.
**Configuration 01**

**One-Wall Posi-Temp** Used with 2- or 3-Function Transfer Valve

- Use tub port to supply shower and plug shower port.
- Primary showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Configuration 02

One-Wall Posi-Temp Used with 2- or 3-Function Transfer Valve and Tub Spout

- Plug the shower port and use a twin ell to supply water from the tub spout to transfer valve.
- Primary showerhead.
- Moen handshowers come with an integrated double check valve to prevent back-siphon.

TUB SPOUT:
- When using a diverter tub spout, plumb the flow valve outlet to the twin ell front vertical inlet.
- Plumb the twin ell rear vertical outlet to the two- or three-function transfer valve inlet.
- Plumb the twin ell front horizontal outlet to the diverter tub spout.

NOTE: This configuration is intended for use with a diverter tub spout. Refer to specification sheet for critical dimensions for installation.
One-Wall Posi-Temp Used with Annex Shower Rail

Configuration 03

- Use tub port to supply shower and plug shower port.
- Easily attaches to the existing shower arm connection without altering the height.
- Showerhead and handheld shower sold separately.

Shower riser connects to Annex (see inset)

- 78”
- 58.5”
- 44”

1/2” HOT WATER INLET

1/2” COLD WATER INLET

Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
Choose the Right Moen® Shower Valve for Your Bathroom

How to choose the right valve

<table>
<thead>
<tr>
<th>VALVE OPTIONS AT-A-GLANCE</th>
<th>U by Moen® 2-Outlet Valve**</th>
<th>U by Moen® 4-Outlet Valve**</th>
<th>ExactTemp® ¾” Thermostatic Valve***</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COMFORT FEATURES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personalization</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Temperature consistency</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Maximum-flow shower spa experience</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Shower spa compatible</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td><strong>CONVENIENCE FEATURES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remote activation</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Precision thermostatic control</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Volume control</td>
<td>○</td>
<td></td>
<td>○</td>
</tr>
<tr>
<td>Temperature memory</td>
<td>○</td>
<td></td>
<td>○</td>
</tr>
<tr>
<td>Warm up and pause</td>
<td>○</td>
<td></td>
<td>○</td>
</tr>
<tr>
<td><strong>SAFETY FEATURES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum temperature setting</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Meets applicable pressure-balancing or thermostatic safety codes</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td><strong>DEPENDABILITY FEATURES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limited Lifetime Warranty</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Easy-to-replace cartridge</td>
<td>N/A</td>
<td>N/A</td>
<td>○</td>
</tr>
</tbody>
</table>

* Must be used with three-function diverting valve (3372) or two-function diverting valve (3375) to obtain shower spa compatibility.
** U by Moen is warranted for 5 years against leaks, drips and operation defects to the original consumer purchaser; 1-year warranty if used in commercial applications. 5-year warranty on digital components, limited lifetime trim warranty.
*** Use with ExactTemp ¾” volume control valves.

Please see moen.ca/consumer-support/warranty for complete product warranty information.
Choose the Right Moen® Shower Valve for Your Bathroom

<table>
<thead>
<tr>
<th>Pressure-Balancing Valves</th>
<th>Transfer Valves and Diverter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moentrol® Pressure-Balancing Volume Control Valve</td>
<td>N/A</td>
</tr>
<tr>
<td>Moentrol® with Multi-Function Transfer Valve</td>
<td>N/A</td>
</tr>
<tr>
<td>Posi-Temp® Pressure-Balancing Cycling Valve</td>
<td>N/A</td>
</tr>
<tr>
<td>ExactTemp Volume Control</td>
<td>N/A</td>
</tr>
<tr>
<td>Two- or Three-Function Transfer Valve</td>
<td>N/A</td>
</tr>
<tr>
<td>Annex™ Without disturbing the existing wall, add on to existing shower</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- Without disturbing the existing wall, add on to existing shower.
## Valves

Customize Your Shower

<table>
<thead>
<tr>
<th>Material Number</th>
<th>Description</th>
<th>Category</th>
<th>Stops/Check Stops</th>
<th>CC Inlets/CC Outlets</th>
<th>IPS Inlets/IPs Outlets</th>
</tr>
</thead>
<tbody>
<tr>
<td>S3104</td>
<td>U by Moen 4-Outlet <strong>NEW!</strong></td>
<td>Digital Thermostatic</td>
<td>N/A</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>S3102</td>
<td>U by Moen 2-Outlet <strong>NEW!</strong></td>
<td>Digital Thermostatic</td>
<td>N/A</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>S3371</td>
<td>ExactTemp® 3/4” IPS connection includes check stops</td>
<td>ExactTemp</td>
<td>CHECK STOPS</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>S3600</td>
<td>Volume control 3/4” IPS connection</td>
<td>ExactTemp</td>
<td>N/A</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3320</td>
<td>Moentrol® with transfer 1/2” IPS connection includes pressure-balancing volume control</td>
<td>3-Function Moentrol</td>
<td>CHECK STOPS</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3330</td>
<td>Moentrol with transfer 1/2” CC connection includes pressure-balancing volume control</td>
<td>3-Function Moentrol</td>
<td>CHECK STOPS</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3350</td>
<td>Moentrol with transfer 1/2” CC connection includes pressure-balancing volume control</td>
<td>2-Function Moentrol</td>
<td>CHECK STOPS</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3570*</td>
<td>Moentrol 1/2” CC connection includes stops and pressure-balancing volume control</td>
<td>Moentrol</td>
<td>CHECK STOPS</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3510</td>
<td>Moentrol 1/2” IPS connection includes pressure-balancing volume control</td>
<td>Moentrol</td>
<td>N/A</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3520</td>
<td>Moentrol 1/2” CC connection includes pressure-balancing volume control</td>
<td>Moentrol</td>
<td>N/A</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>2510*</td>
<td>Posi-Temp® 1/2” IPS connection</td>
<td>Posi-Temp</td>
<td>N/A</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>2590*</td>
<td>Posi-Temp 1/2” IPS connection with stops</td>
<td>Posi-Temp</td>
<td>STOPS</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>2520*</td>
<td>Posi-Temp 1/2” CC connection</td>
<td>Posi-Temp</td>
<td>N/A</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>2570*</td>
<td>Posi-Temp 1/2” CC connection includes stops</td>
<td>Posi-Temp</td>
<td>STOPS</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3372*</td>
<td>Three-function transfer 1/2” CC connection</td>
<td>3-Function Transfer</td>
<td>N/A</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3375*</td>
<td>Two-function transfer 1/2” CC connection</td>
<td>2-Function Transfer</td>
<td>N/A</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

*Available in bulk pack.
† Must be used with Moentrol or Posi-Temp shower valve.
Flow Rate vs. Flowing Inlet Pressure of Moen Showering Valves (Unrestricted)

Shower Valve Flow Rates

Shower Spa Installation Recommendations

<table>
<thead>
<tr>
<th>Graph Line</th>
<th>Valve</th>
<th>Flow Rate through shower port (gpm/lpm) @ 20 PSI</th>
<th>Flow Rate through shower port (gpm/lpm) @ 40 PSI</th>
<th>Flow Rate through shower port (gpm/lpm) @ 60 PSI</th>
<th>Use with 2- or 3-function transfer</th>
<th>Maximum Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$\frac{3}{4}''$ ExactTemp® S3371</td>
<td>11.4/43.32</td>
<td>15.7/59.66</td>
<td>18.0/68.4</td>
<td>No</td>
<td>4 components: Any combination of showerheads, handshowers and body sprays (4 max)</td>
</tr>
<tr>
<td>2</td>
<td>U by Moen™ Four-Outlet S3104</td>
<td>9.0/34.2</td>
<td>13.0/49.4</td>
<td>16.0/60.8</td>
<td>No</td>
<td>4 components: Any combination of showerheads, handshowers and body sprays (4 max)</td>
</tr>
<tr>
<td>3</td>
<td>U by Moen Shower – Two-Outlet S3102</td>
<td>6.0/22.8</td>
<td>8.5/32.3</td>
<td>10.0/38.0</td>
<td>No</td>
<td>Showerhead, handshower or showerhead, 2 body sprays</td>
</tr>
<tr>
<td>4</td>
<td>Moentrol® Tub Port Moentrol 3520/3510/3570</td>
<td>3.5/13.3</td>
<td>5.0/19.0</td>
<td>6.3/23.94</td>
<td>Yes</td>
<td>Showerhead, handshower</td>
</tr>
<tr>
<td>5</td>
<td>Moentrol Two Outlets Moentrol 3320/3330/3350</td>
<td>3.0*/11.4*</td>
<td>4.2*/15.96*</td>
<td>5.2*/19.76*</td>
<td>No</td>
<td>Showerhead, handshower or showerhead, 2 body sprays</td>
</tr>
<tr>
<td>6</td>
<td>Posi-Temp® Tub Port Posi-Temp 2520/2510/2570/2590</td>
<td>2.17/7.98</td>
<td>3.2/12.16</td>
<td>4.0/15.2</td>
<td>Yes</td>
<td>Showerhead, handshower</td>
</tr>
</tbody>
</table>

* 3-Function Moentrol flow is the total flow when used in the shared mode.
**Frequently Asked Questions**

**U by Moen™ Shower**

Learn more about the system by visiting moen.ca/u or moen.ca/u/support or contact 1-800-465-6130.

**Can I use quick connects for inlets and outlets?**

Yes, any compatible quick connect can be used for installation.

Valve inlets are standard pipe sizes (1/2 inch on the two-outlet shower [S3102] and 3/4 inch on the four-outlet vertical spa [S3104]. For the two-outlet valve, the inlets and outlets are 1/2 inch; the four-outlet valve has 3/4 inch inlets and 1/2 inch outlets.

**Is the U by Moen shower valve compatible with PEX, copper and CPVC?**

Yes, the CC connections on U by Moen shower valve outlets and inlets can be connected to PEX, copper or CPVC with standard plumbing adapters.

**Is an access panel required for the U by Moen shower valve?**

Yes. The recommended minimum access panel opening is 14 inches wide by 29 inches high. The access panel is a standard code requirement and is required to access the shutoffs, filter screens, AC outlet and optional battery backup and service the valve if needed.

**Do I have to plug in the U by Moen shower valve, and is an electrician required for installation?**

Yes, it is necessary to plug the valve into a 110V AC supply on a GFCI circuit. A certified electrician should install the initial GFCI outlet.

**Are there any issues with electricity, and is there a chance of being shocked?**

No, the U by Moen shower valve is designed so the water is isolated from the electronics. In addition, the system operates under low voltage (12V). All current is properly isolated and sealed (through the controller) and the product is third-party certified by IAPMO [cUPC] to the standards ASSE 1016/ASME A112.1016/CSA B 125.1, ASME A112.18.1/CSA B125.1, UL 1951 and CSA C22.2 Nos. 14 and 68.

A GFCI outlet will provide additional protection. The GFCI is an Earth-leakage breaker that detects faults to ground. The current threshold is very low, typically 15mA, which means it will trip well before any risks could occur. Jetted tubs already require dedicated GFCIs (110V, 15–20A) for pump/motor and heaters.

**How many shower devices can be used with a U by Moen shower digital vertical spa?**

The Moen four-outlet valve (S3104) features four outlets and has a maximum flow rate of 14 gpm at 45 psi. The two-outlet valve (S3102) features two outlets and has a maximum flow rate of 9 gpm/34.2 lpm at 45 psi.

The total flow from all shower devices plumbed to the valve should not exceed 14 gpm/53.2 lpm. The total flow from all shower devices attached to a single outlet should not exceed 6 gpm/22.8 lpm.

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**ExactTemp®**

**How does the ExactTemp valve work?**

The ExactTemp consists of a minimum of two valves, one thermostatic and one volume control valve. The thermostatic valve will only adjust the temperature of the water, and the volume control will turn the unit on and off and adjust the volume of water. The thermostatic valve has a safety stop preset at 105°F/40°C. The temperature override button will allow the user to exceed this temperature and reach temperatures of up to 120°F/49°C. In addition to being shower spa compatible, it also provides Thermostatic Control, Temperature Consistency and Temperature Memory. (For more information, please view our product literature in our Literature Center.)

**Posi-Temp®/Moentrol®**

**What is meant by a “pressure-balancing” tub and shower faucet?**

A pressure-balancing tub and shower faucet balances incoming hot and cold water pressure to compensate for fluctuations in water flow. Balancing the water flow keeps shower temperatures constant and comfortable, within ±3°F [1°C] of the original temperature, despite other demands such as flushing the toilet or starting the dishwasher. Moen’s PosiTemp and Moentrol tub and shower valves all feature pressure-balancing. Both valves require pressure on the hot and the cold side to operate.

**What is the difference between a Posi-Temp tub and shower valve and a Moentrol tub and shower valve?**

While the valves do have several similarities:

- A pressure-balanced system that maintains water temperature within ±3°F [1°C]
- Built-in temperature limit stops which allow you to control how far the handle rotates, therefore, controlling the range of water temperature
- Best water flow for any comparatively priced valve
- Available in a variety of connections from common ½” CC/sweat, ½” IPS-threaded; ½” PEX, CPVC or cold expansion PEX
- Meets pressure-balancing safety codes

There are a few differences to consider before making a decision.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Moentrol</th>
<th>Posi-Temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handle Operation – How the faucet is turned on and off</td>
<td>Pull / Push</td>
<td>Rotation</td>
</tr>
<tr>
<td>Temperature Memory – When shutting-off the faucet, the handle stays in the exact temperature position you set during use. The next time you turn on the faucet, within a few seconds, the water temperature reaches your last temperature setting.</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Volume Control – Controls the water flow rate so you get the amount of water you want at the temperature you want.</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>