



MOEN
Buy it for looks. Buy it for life.®



Shower Design Guide



The Perfect Shower Starts Here

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.

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.

Questions?

Call our dedicated
Trade Services hotline
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

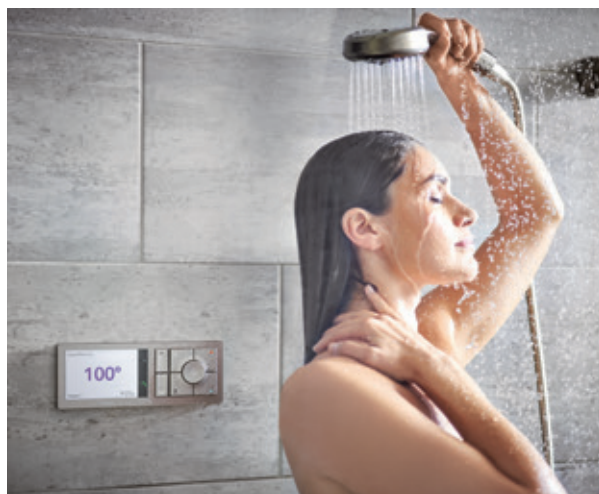
Sync the shower to a smartphone to start, stop and pause remotely.

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

U by Moen Smartphone App Available At



Let it Rain!

IMMERSION[®]
rainshower technology



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
spAAAHHHH

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.

Maximize Fashion and Function With the Annex™ Shower Rail System.



Annex offers the perfect combination of fashion and function. Its integrated slide bar allows the handshower to be placed at different heights. Combine that flexibility with the option to switch between showerhead and handshower. Annex brings streamlined luxury to any shower. Since it eliminates the need to tear through finished walls, Annex is ideal for new and retrofit projects alike. Plus, its secure mounting system meets ADA pull-force requirements, up to 250 lbs.



Annex Shower Bar Installation

Magnetix™, It's a Snap to Use™



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.

MAGNETIX™



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.



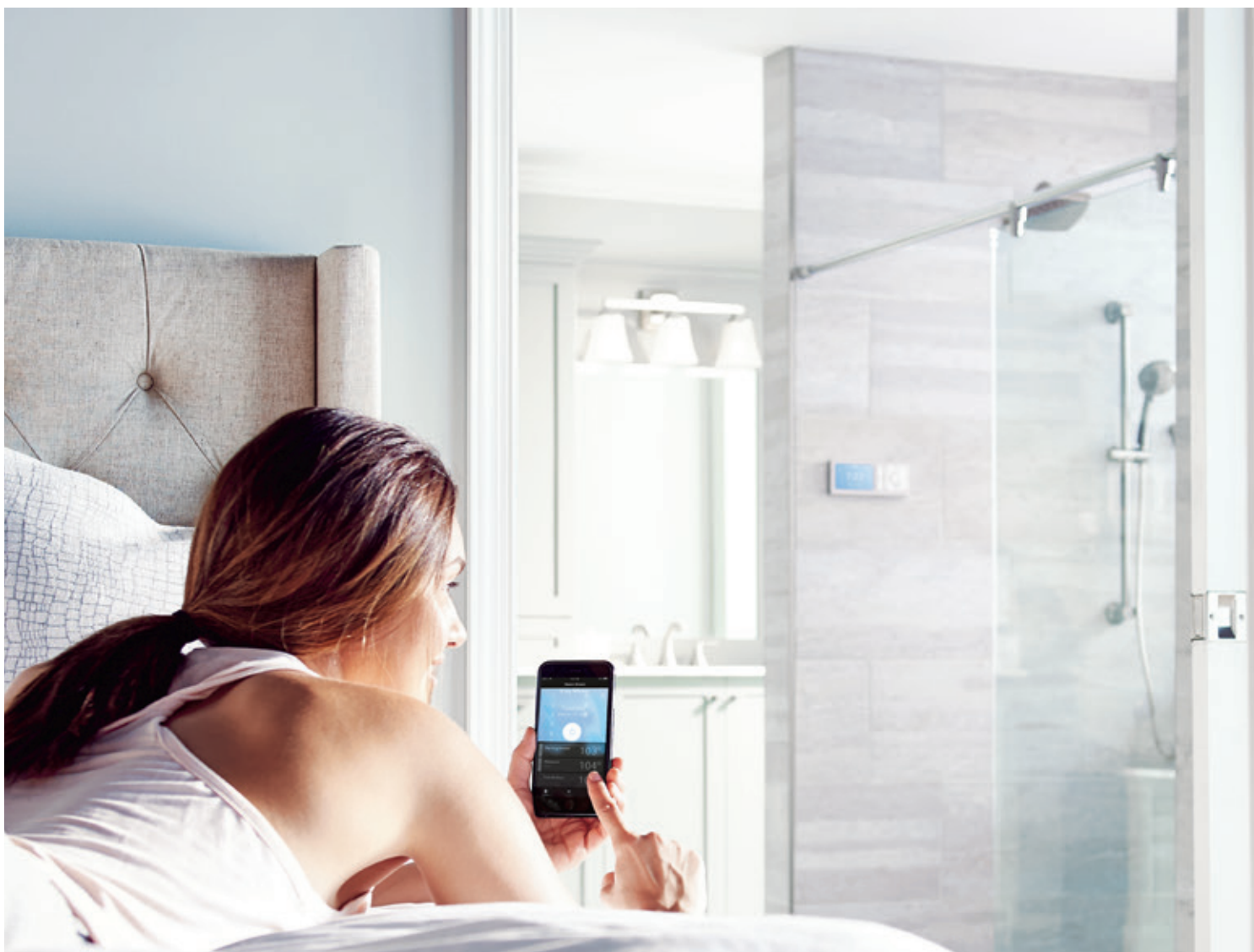
SHOWER SEATING SITTING PRETTY

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



4-Outlet Shower Controller



- Soft-touch buttons operate four outlets, plus power, temperature and preset selection
- Once synced, the controller is easily operated and personalized through the optional smartphone app
- Stylish Terra Beige color is designed to coordinate with any shower design
- Easy-to-read LCD screen
- Mounting bracket included
- Dimensions: 8¹/₁₆" × 3³/₁₆"

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"

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

13³/₄" × 15³/₄" valve fits easily between studs or in closets or cabinets

Easily Maintained

Built-in filter screens block debris

U by Moen Smartphone
App Available At

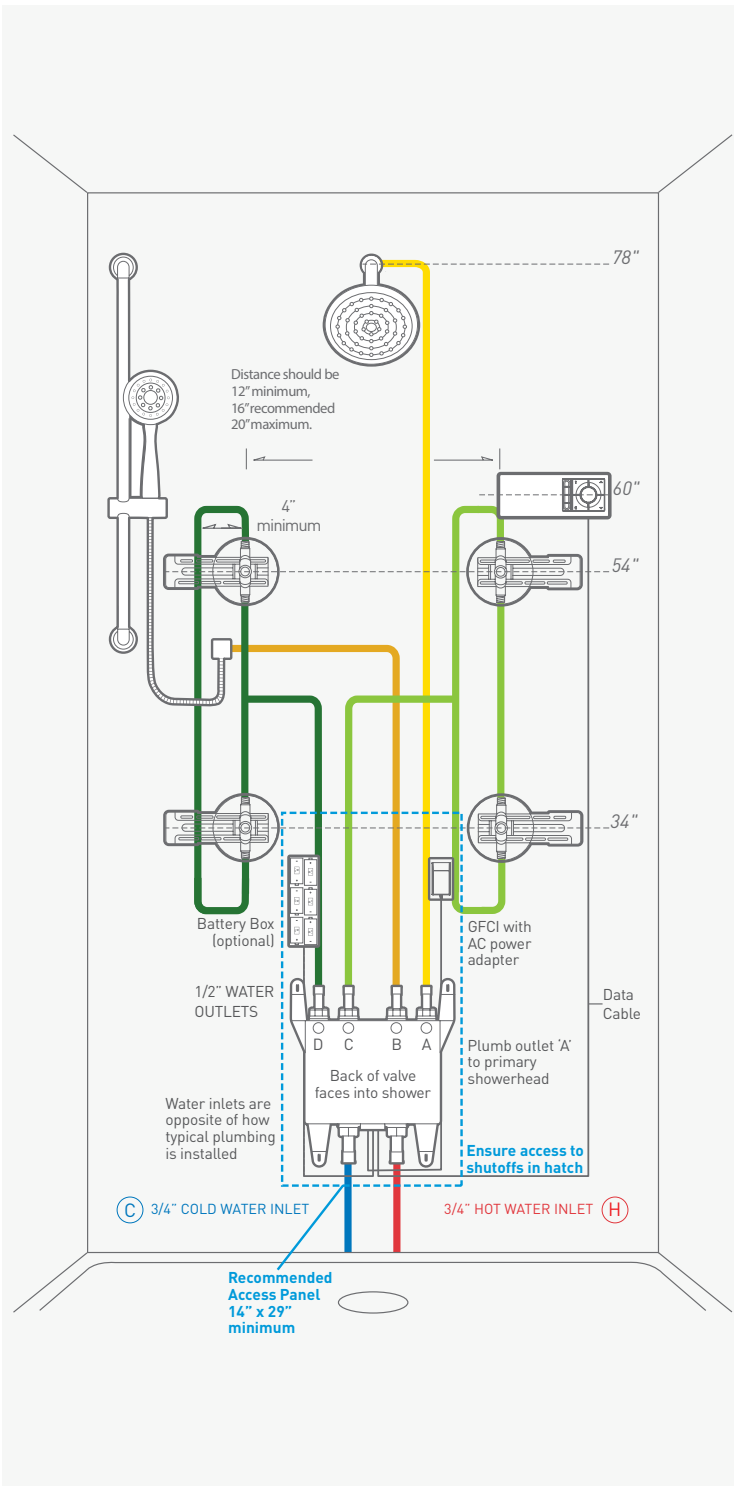


U by Moen™ Shower

4-Outlet Shower Controller

One-Wall U by Moen 4-Outlet Shower

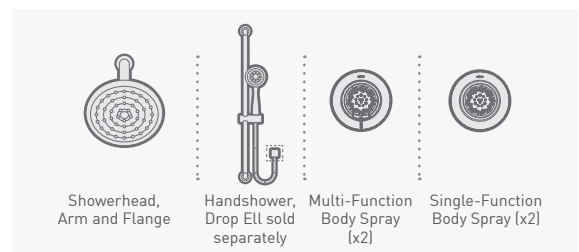
Configuration 01



- * 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 8¹/₁₆" x 3³/₈" 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 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

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 8¹/₁₆" x 3³/₈" 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:

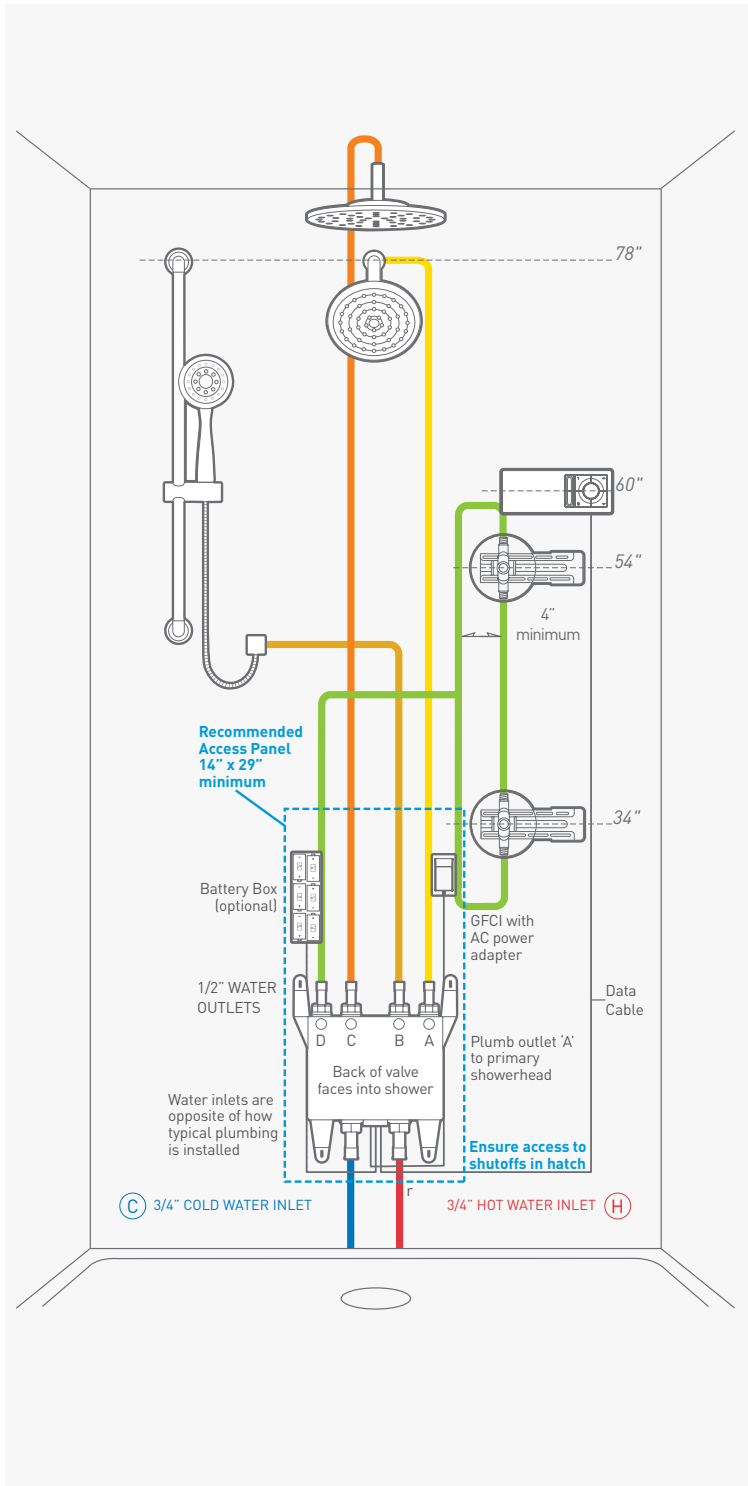
- * A pressure-balancing loop must always be used with body sprays to allow for equal supply of water to each spray. Maximum of 3 on 1 outlet.
 - * 2 body sprays may be operated as one function.
- ☼ Shower can be operated and personalized remotely with the U by Moen app, which is available for Android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



U by Moen Shower 4-Outlet Controller



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



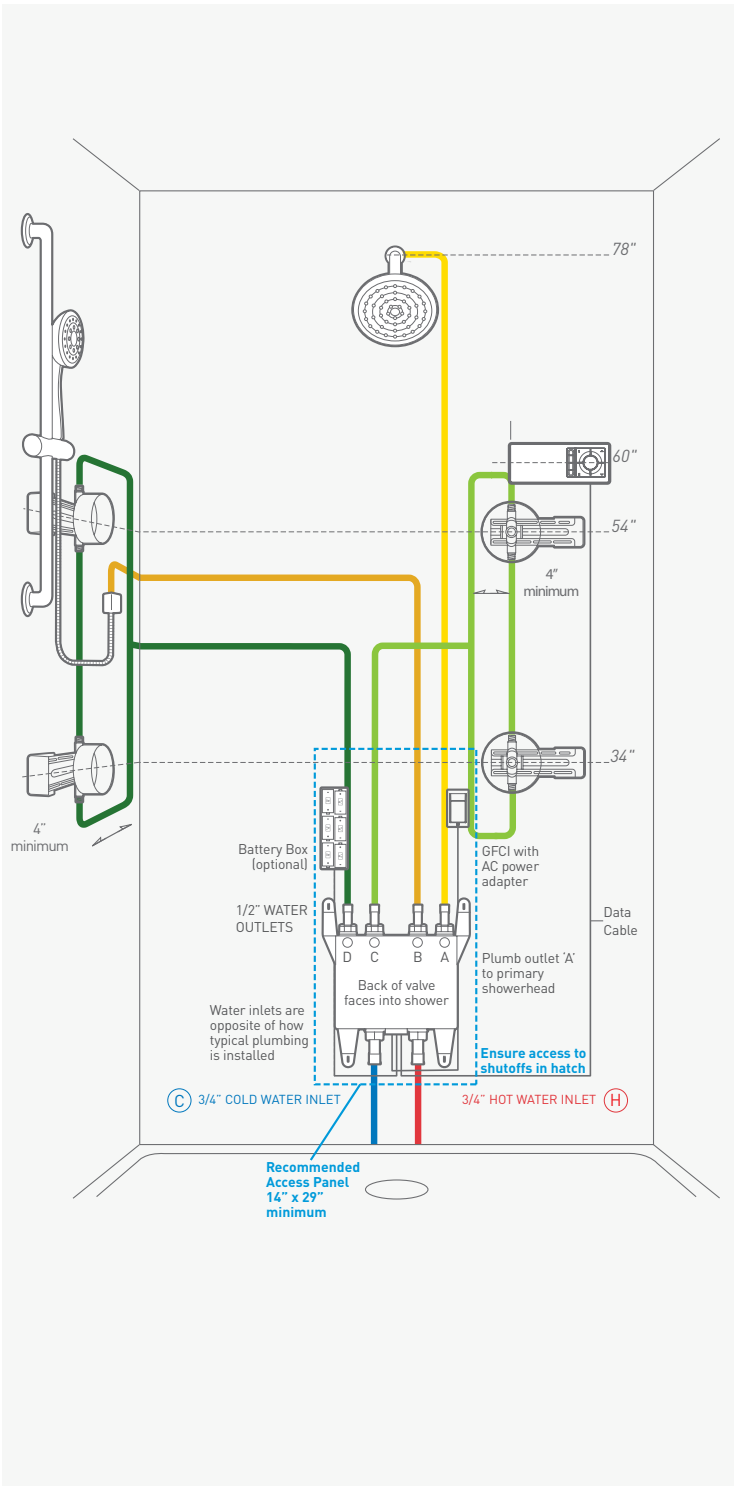
All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

U by Moen™ Shower

4-Outlet Shower Controller

Two-Wall U by Moen 4-Outlet Shower

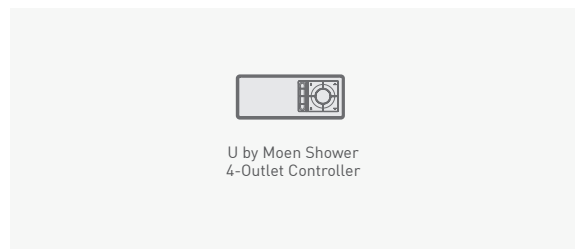
Configuration 03



- * 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 8¹¹/₁₆" x 3³/₈" 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 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



U by Moen™ Shower

2-Outlet Shower Controller

2-Outlet Shower Controller /
TS3302TB

2-Outlet Shower Valve /
S3102

2-Outlet Shower Controller



- Soft-touch buttons operate two outlets, plus power, temperature and preset selection
- Once synced, the controller is easily operated and personalized through the optional smartphone app
- Stylish Terra Beige color is designed to coordinate with any shower design
- Easy-to-read LCD screen
- Mounting bracket included
- Dimensions: 8¹/₁₆" x 3³/₁₆"

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

1/2"

Outlet Size

1/2"



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

13³/₄" x 15³/₁₆" valve fits easily between studs or in closets or cabinets

Easily Maintained

Built-in filter screens block debris

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

13³/₄" x 15³/₁₆" valve fits easily between studs or in closets or cabinets

Easily Maintained

Built-in filter screens block debris

**U by Moen Smartphone
App Available At**



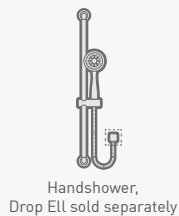
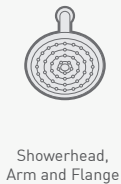
U by Moen™ Shower

2-Outlet Shower Controller

Configuration 01

One-Wall U by Moen 2-Outlet Shower

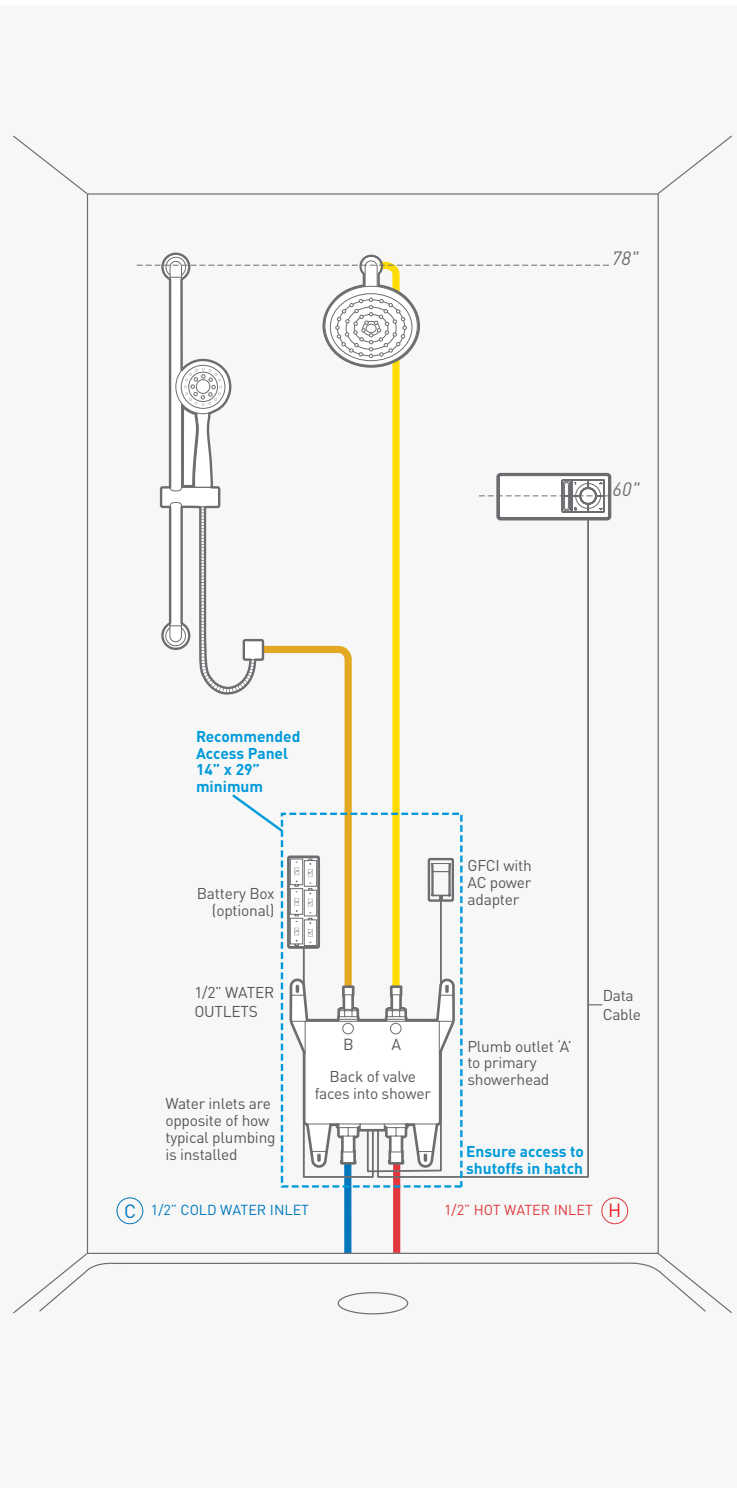
- * Valve can be mounted up to 30 feet from controller and up to 6 feet from GFCI outlet.
- * Valve and GFCI outlet must be accessible after install; they cannot be completely sealed behind a wall.
- * Controller requires a 8¹¹/₁₆" x 3³/₈" space within the shower.
- * Outlet A is the primary outlet; 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.



U by Moen Shower 2-Outlet Controller



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



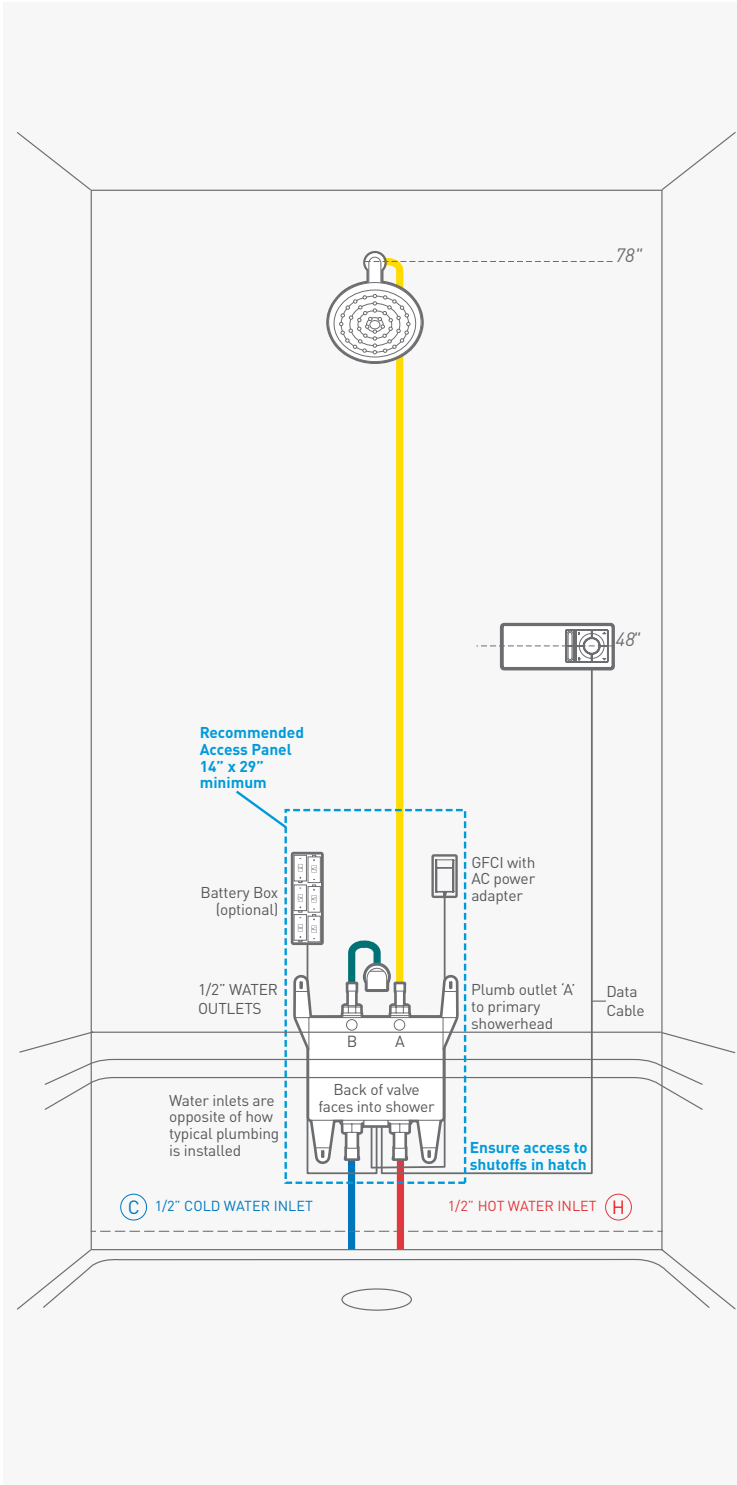
All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

U by Moen™ Shower

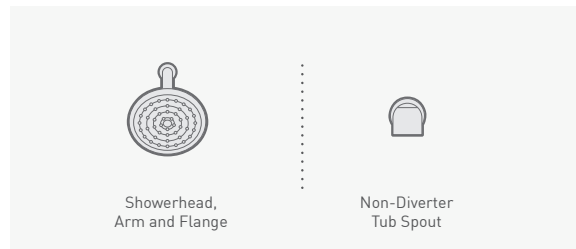
2-Outlet Shower Controller

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 8¹¹/₁₆" x 3³/₈" 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.

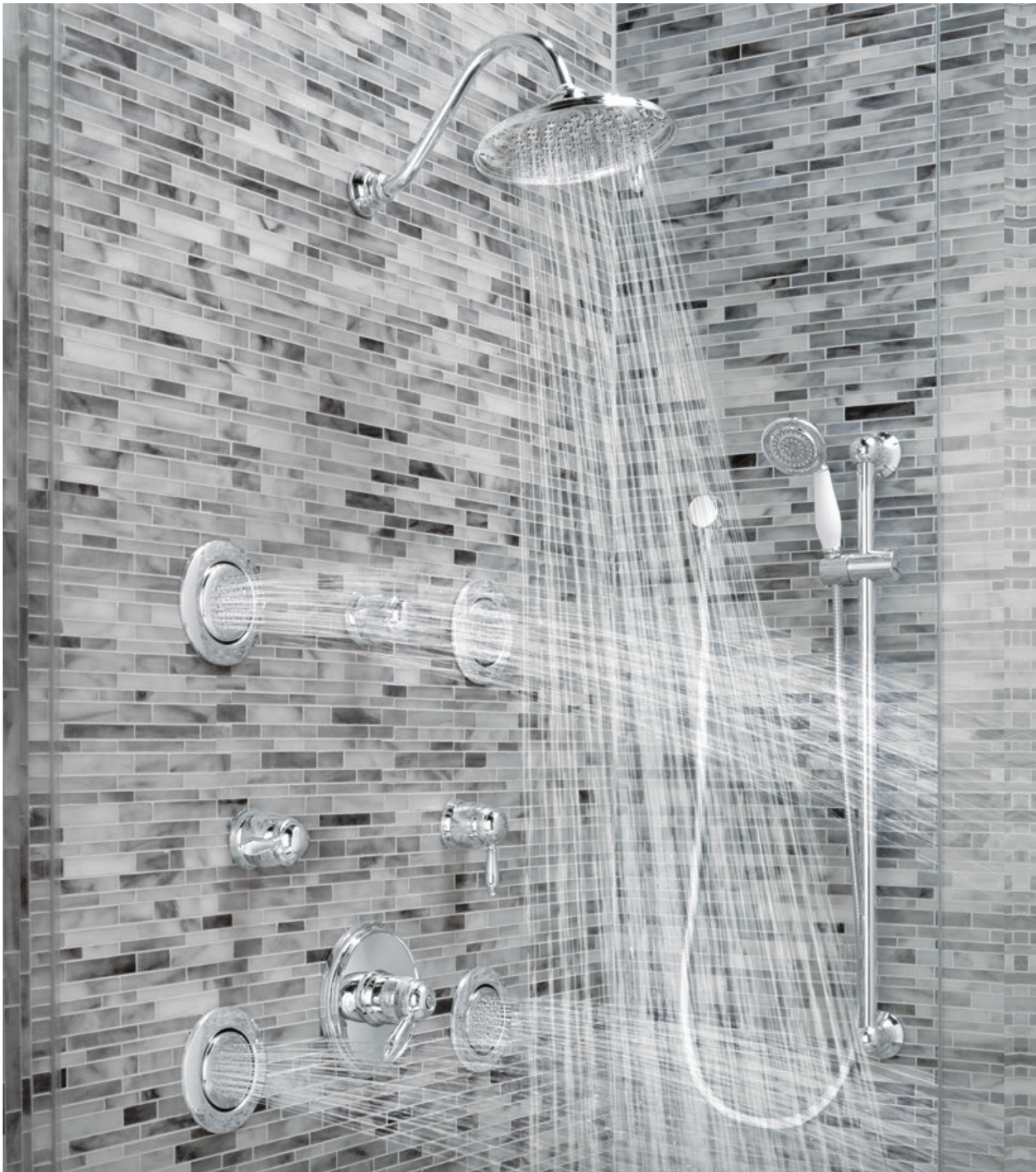


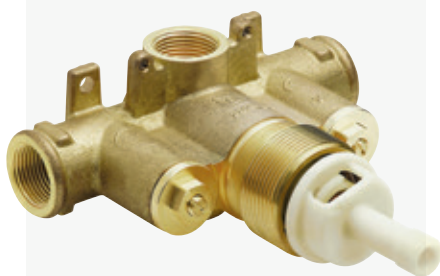
Shower spa trim is compatible with the M•PACT® Common Valve System.

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

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

ExactTemp®





3/4" Thermostatic Valve

Features

3/4" Thermostatic Valve (S3371)

The ExactTemp valve uses thermostatic technology for precise temperature control and high-volume capability to feed multiple showering devices.

Temperature Memory

Handle position sets maximum water temperature and temperature memory.

Thermostatic Cartridge

Automatically compensates for changes in hot and cold water supply to ensure comfort and pinpoint temperature accuracy. Users can dial up the same temperature day after day. No need to readjust temperature as hot water tank begins to cool. Meets applicable thermostatic safety codes.

Temperature Limit Stops

Maximum hot water temperature set at 105°F/40°C to prevent scalding. Can be overridden to 120°F/49°C.

Integral Stops

Shut off water supply at the valve for quick and easy repairs.

Product Specs

Functionality

Thermostatic valve allows you to dial in and maintain your ideal temperature for more precise temperature control. Automatically adjusts to fluctuations in water supply to maintain precise temperature. Must be used in combination with 3/4" Volume Control valve.

Shower Spa Compatible

Yes. Must be plumbed with at least one S3600 valve.

Trim

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

Inlet Size 3/4"
Outlet Size 3/4"

Can accept 1/2" adapter

Features

3/4" Volume Control Valve (S3600)

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 3/4" 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 1/2" adapter"

Inlet Connection Options

3/4" IPS



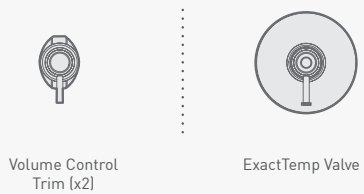
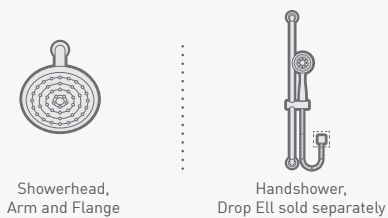
3/4" Volume Control Valve

ExactTemp® 3/4"

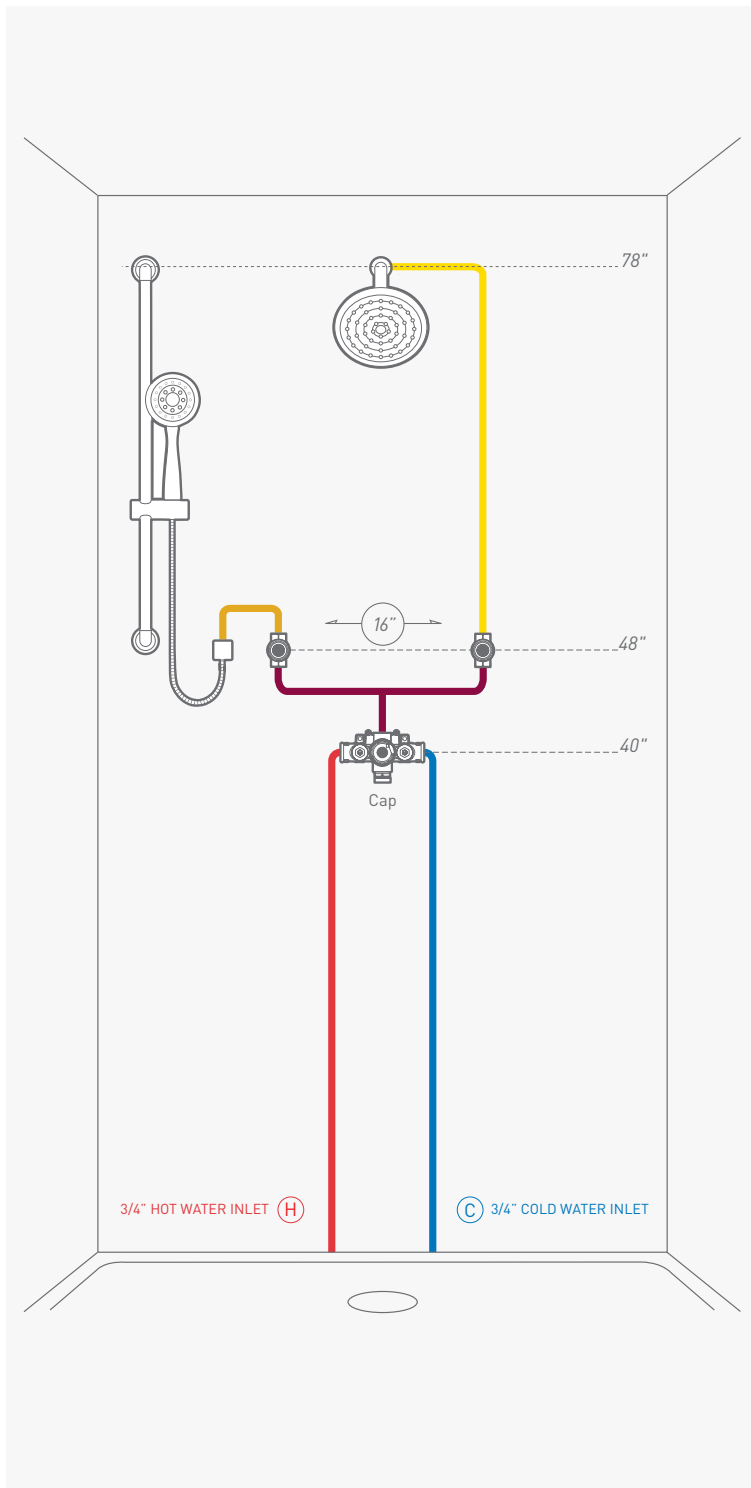
Configuration 01

One-Wall ExactTemp 3/4" with 2 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.



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

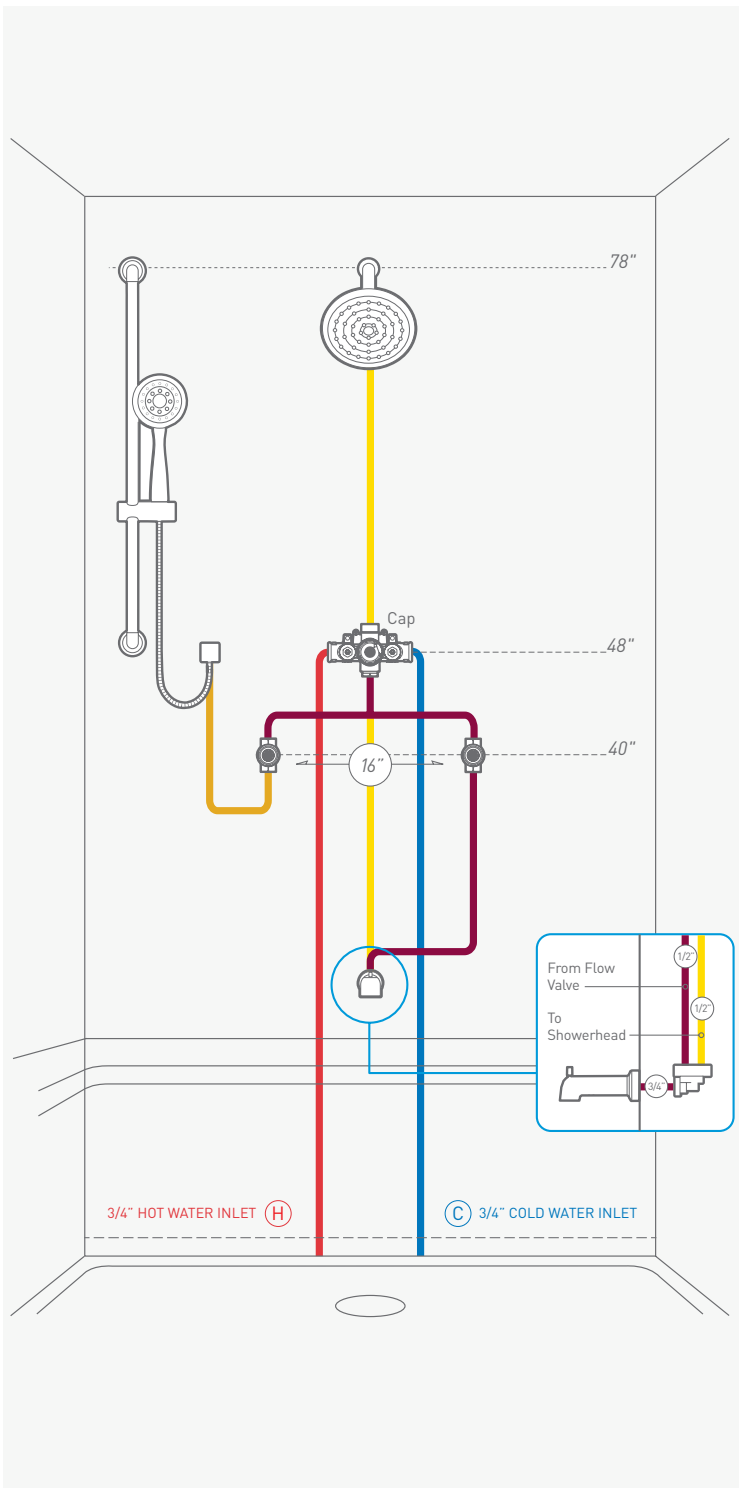


All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

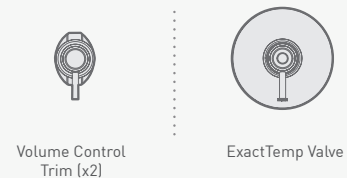
ExactTemp® 3/4"


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.

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

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

ExactTemp® 3/4"

Configuration 03

One-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.



Showerhead, Arm and Flange



Handshower, Drop Ell sold separately



Multi-Function Body Spray (x4)



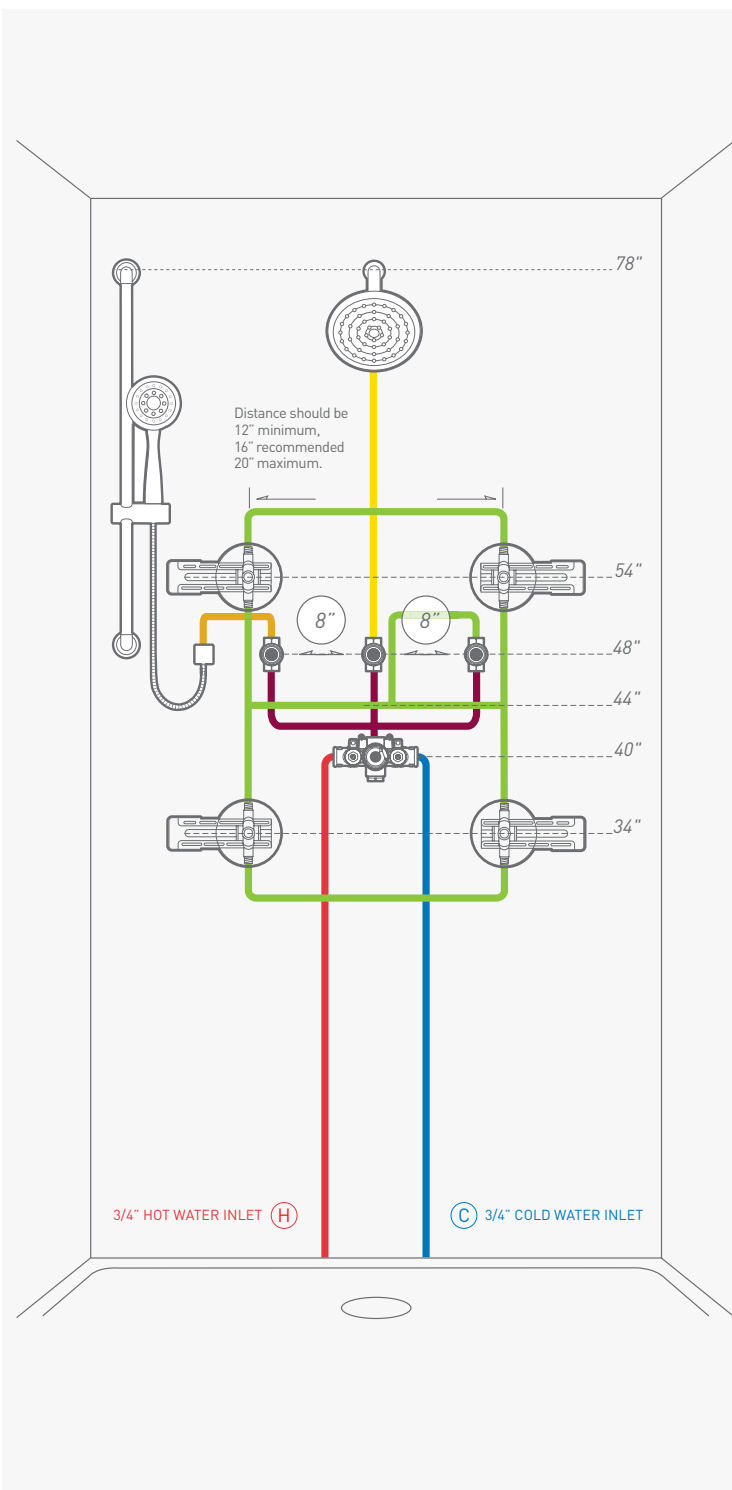
Volume Control Trim (x3)



ExactTemp Valve



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



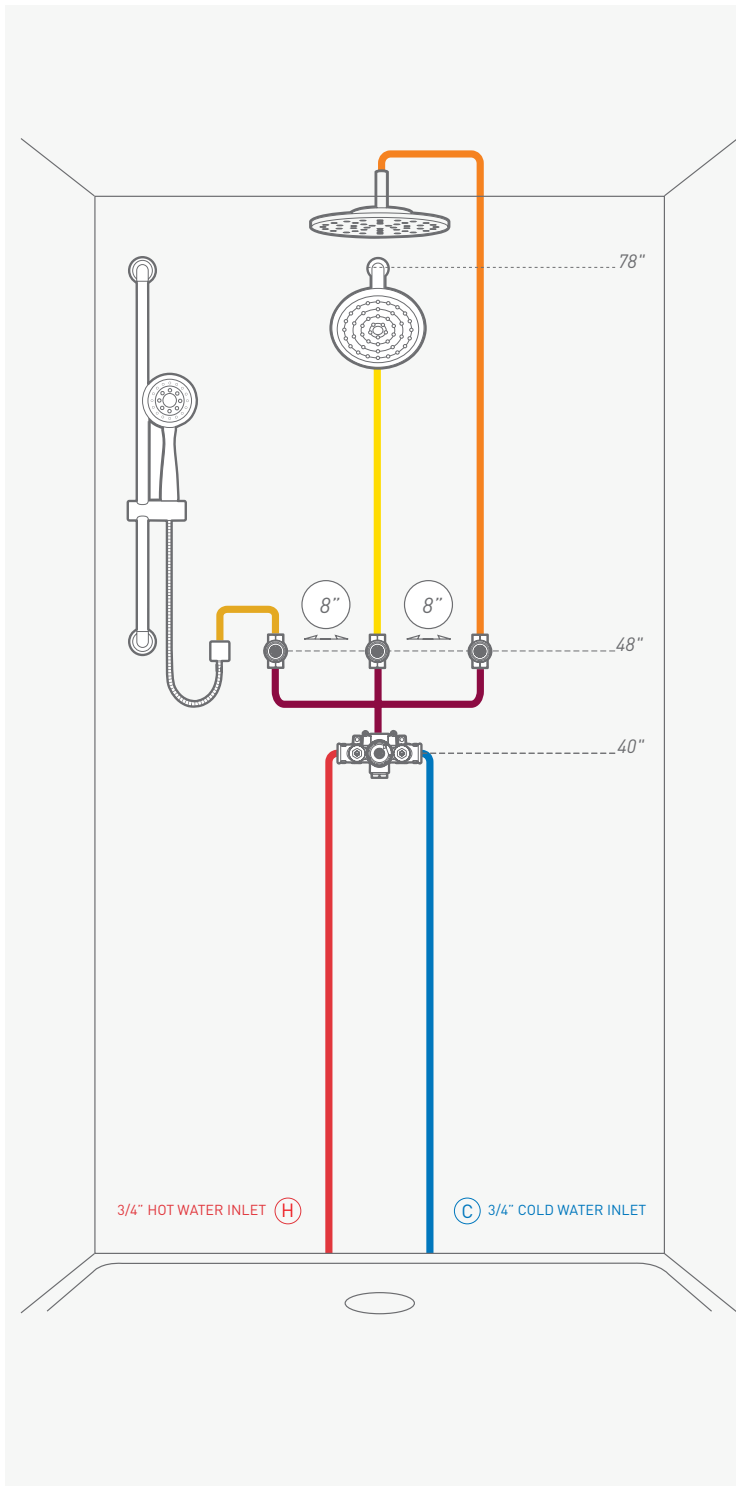
All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

ExactTemp® 3/4"

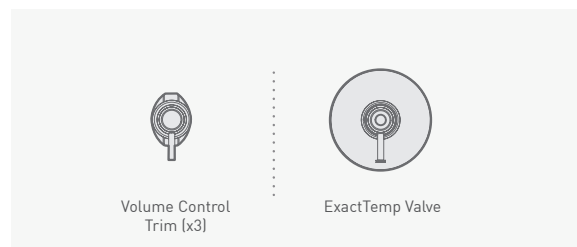
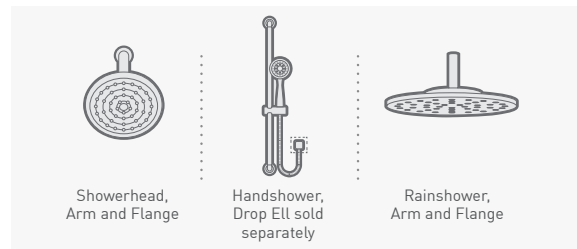
with Ceiling Mount

One-Wall ExactTemp 3/4" with Ceiling Rainshower

Configuration 04



- * 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.



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.

ExactTemp® 3/4"

Configuration 05

Two-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.



Showerhead, Arm and Flange



Handshower, Drop Ell sold separately



Multi-Function Body Spray (x4)



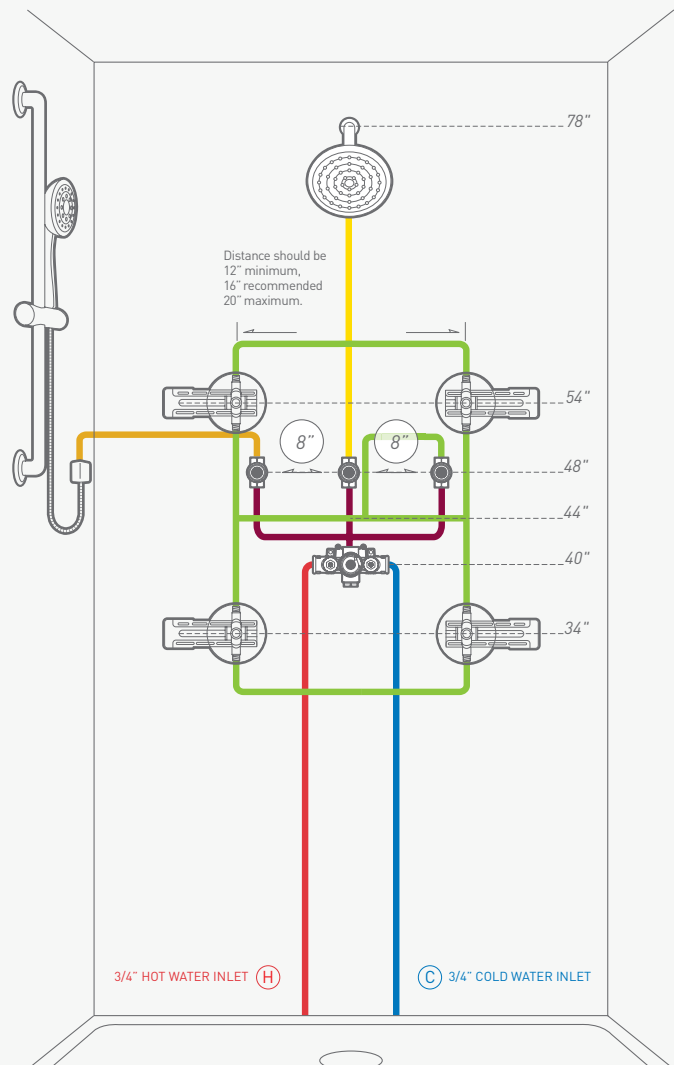
Volume Control Trim (x3)



ExactTemp Valve



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

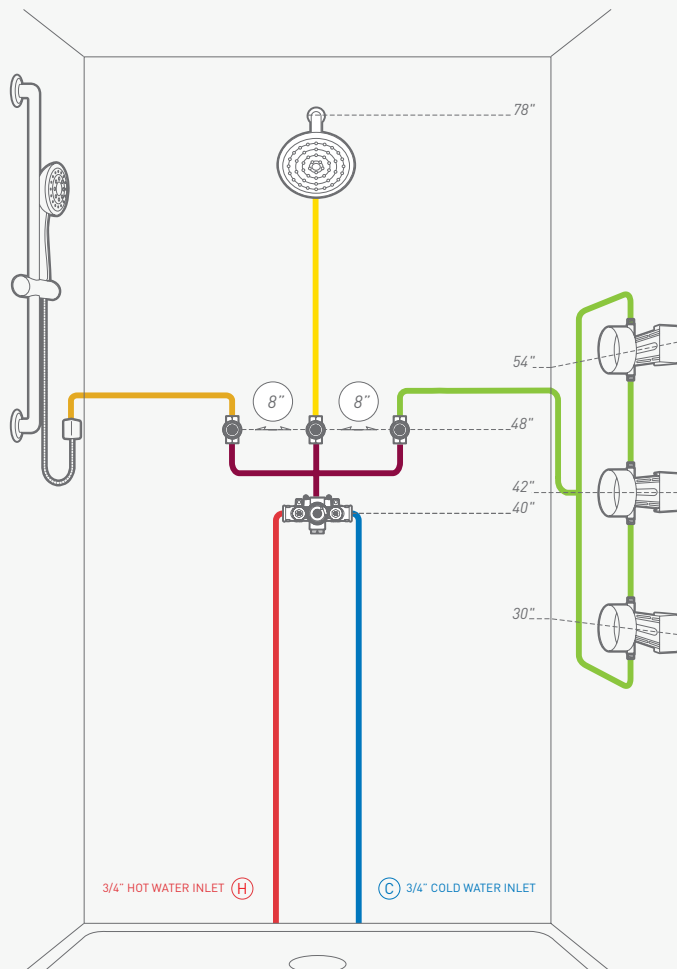


All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

ExactTemp® 3/4"

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

Configuration 06



* 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.



Showerhead, Arm and Flange



Handshower, Drop Ell sold separately



Multi-Function Body Spray (x3)



Volume Control Trim (x3)



ExactTemp Valve



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.

ExactTemp® 3/4"

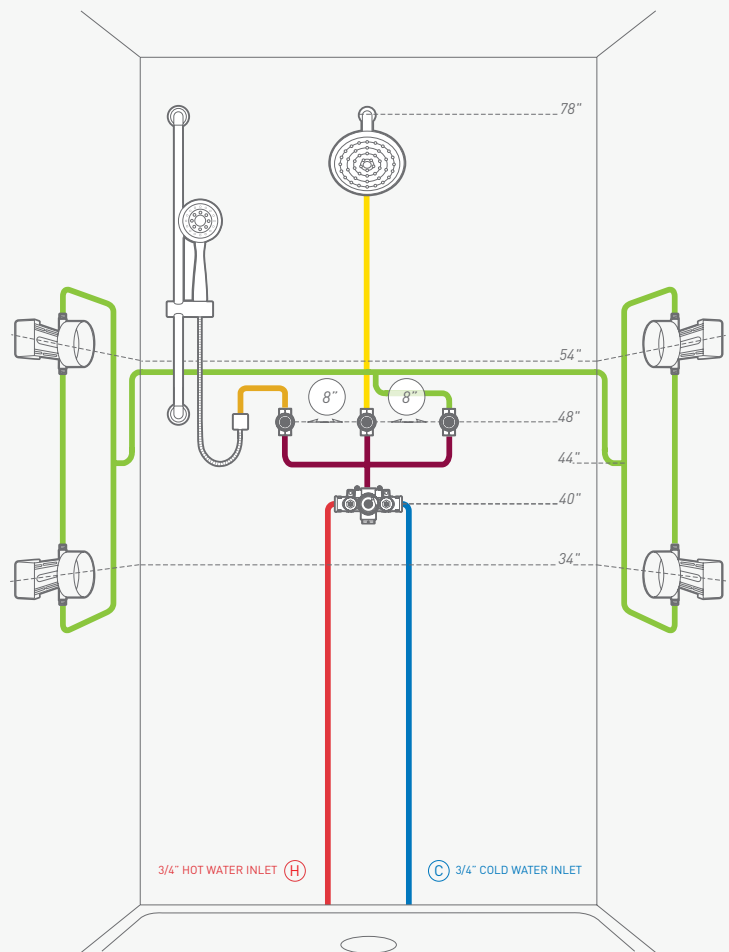
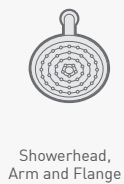
Configuration 07

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.





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.

Product Specs

Functionality

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

Shower Spa Compatible

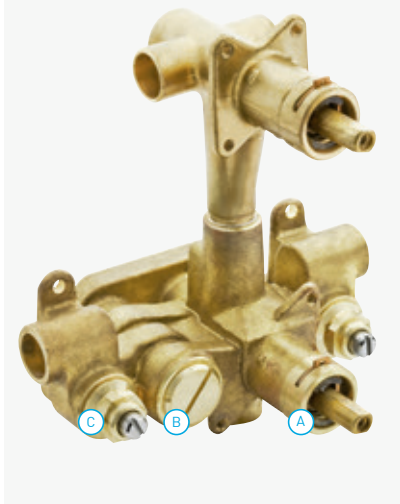
Yes

Trim

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.

Inlet Size
1/2"

Outlet Size
1/2"



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.

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.

Balancing Spool Design (B)

Distinctive and durable design is impervious to hard water and chemicals.

Integral Check Stops (C)

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

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.*

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.



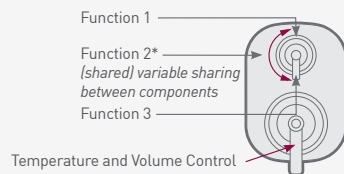
Showerhead,
Arm and Flange



Multi-Function
Body Spray (x2)



Integrated
Valve Trim

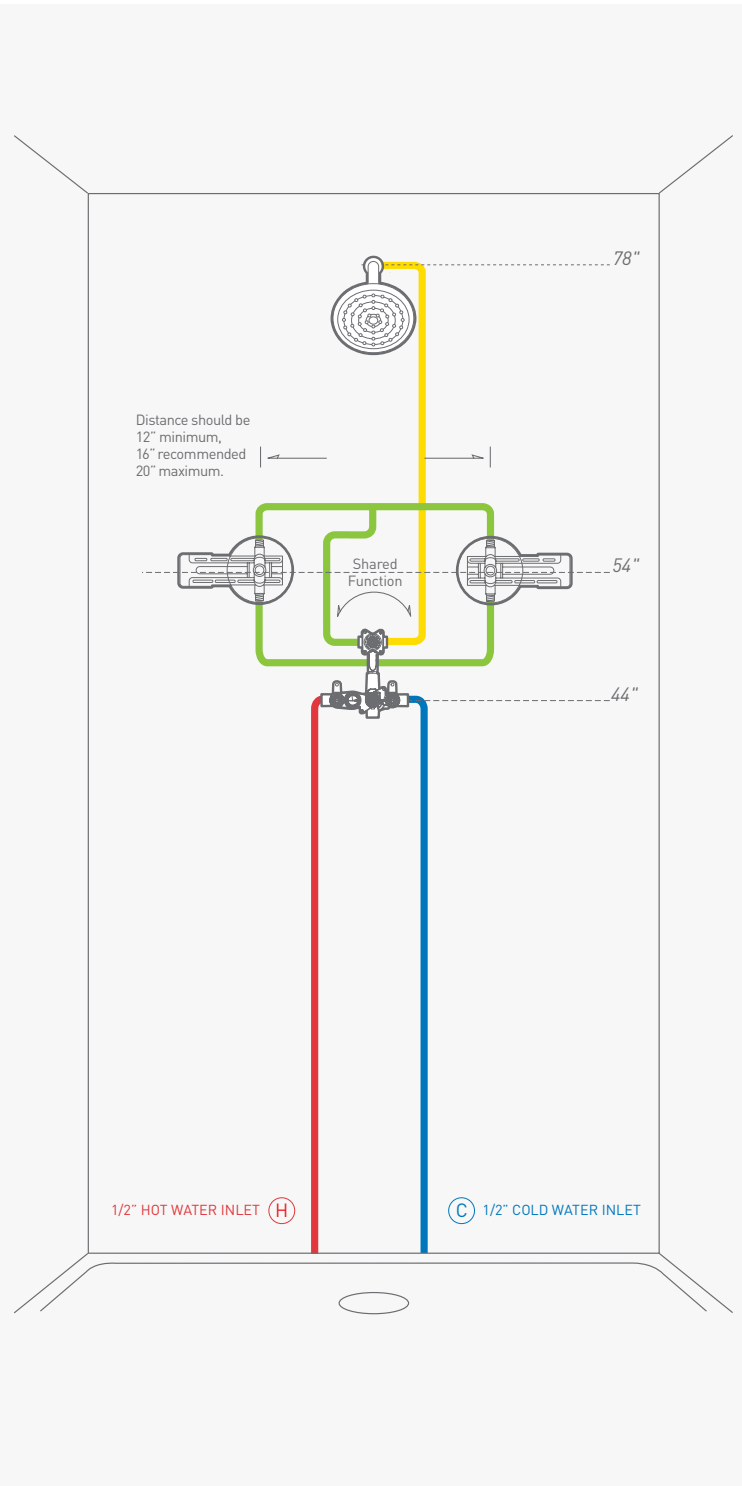


Transfer Valve Trim: Function Breakdown

*Shared function not available with 2-function valve



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

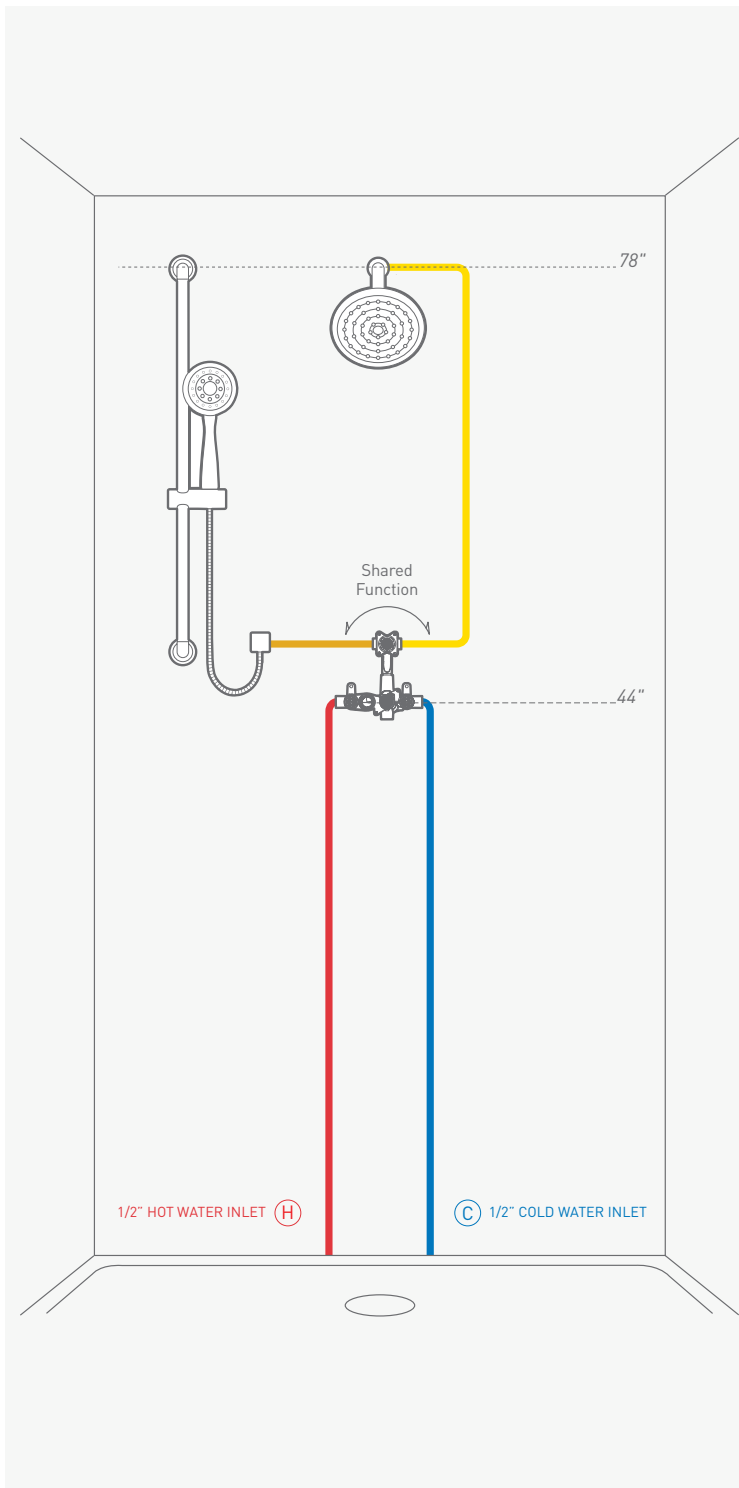


NOTE: This configuration is not intended for use with a tub spout.

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



- * NOTE: 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.



Showerhead,
Arm and Flange



Handshower,
Drop Ell sold separately



Integrated
Valve Trim

Function 1

Function 2*
(shared) variable sharing
between components

Function 3

Temperature and Volume Control



Transfer Valve Trim: Function Breakdown

*Shared function not available with 2-function valve



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

Moentrol[®]

with Transfer Valve or Annex[™] Shower Rail options



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.

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
1/2"

Outlet Size
1/2"

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.

Inlet Connection Options



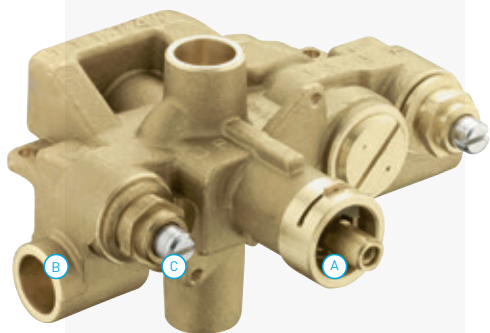
IPS



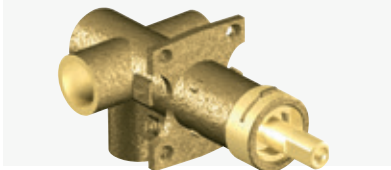
CC

Delivers the water flow and force consumers desire.

**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.*



Transfer Valve



Product Specs

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.

Inlet Size
1/2"

Outlet Size
1/2"

Features

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

- 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



CC

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.

Inlet Size
1/2"

Outlet Size
N/A

Features

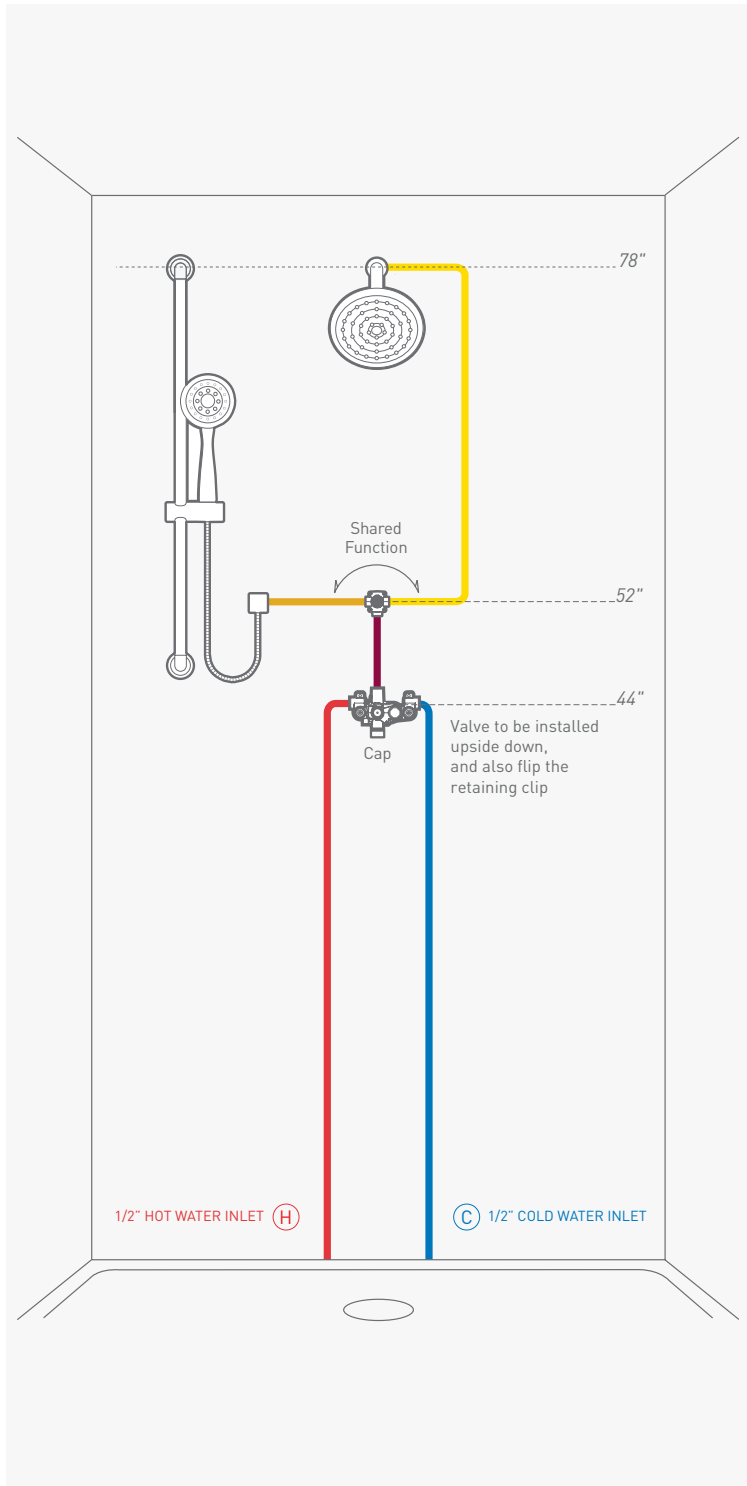
- Use in combination with Moentrol or Posi-Temp mixing valve to create a custom shower design.
- Design flexibility allows for the addition of any shower arm, showerhead or handshower, including rainshowers, without additional plumbing.
- Built-in two-function diverter allows an easy switch of water 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 03

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.



Showerhead,
Arm and Flange



Handshower
Drop Ell sold separately



Transfer Valve Trim



Valve Trim

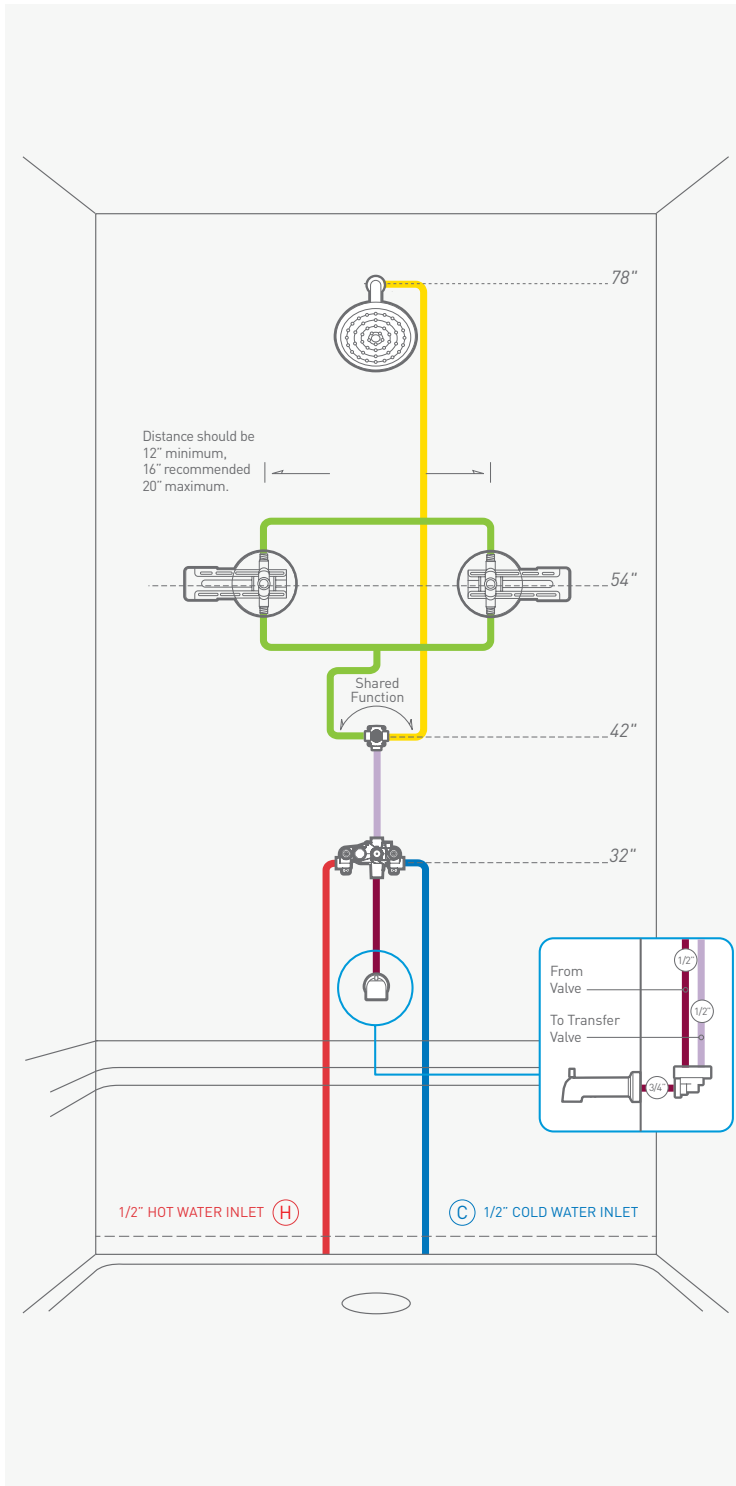


Shower spa trim is compatible with the M•PACT® Common Valve System.

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

One-Wall 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.



Showerhead, Arm and Flange



Multi-Function Body Spray (x2)



Diverter Tub Spout



Transfer Valve Trim



Valve Trim



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

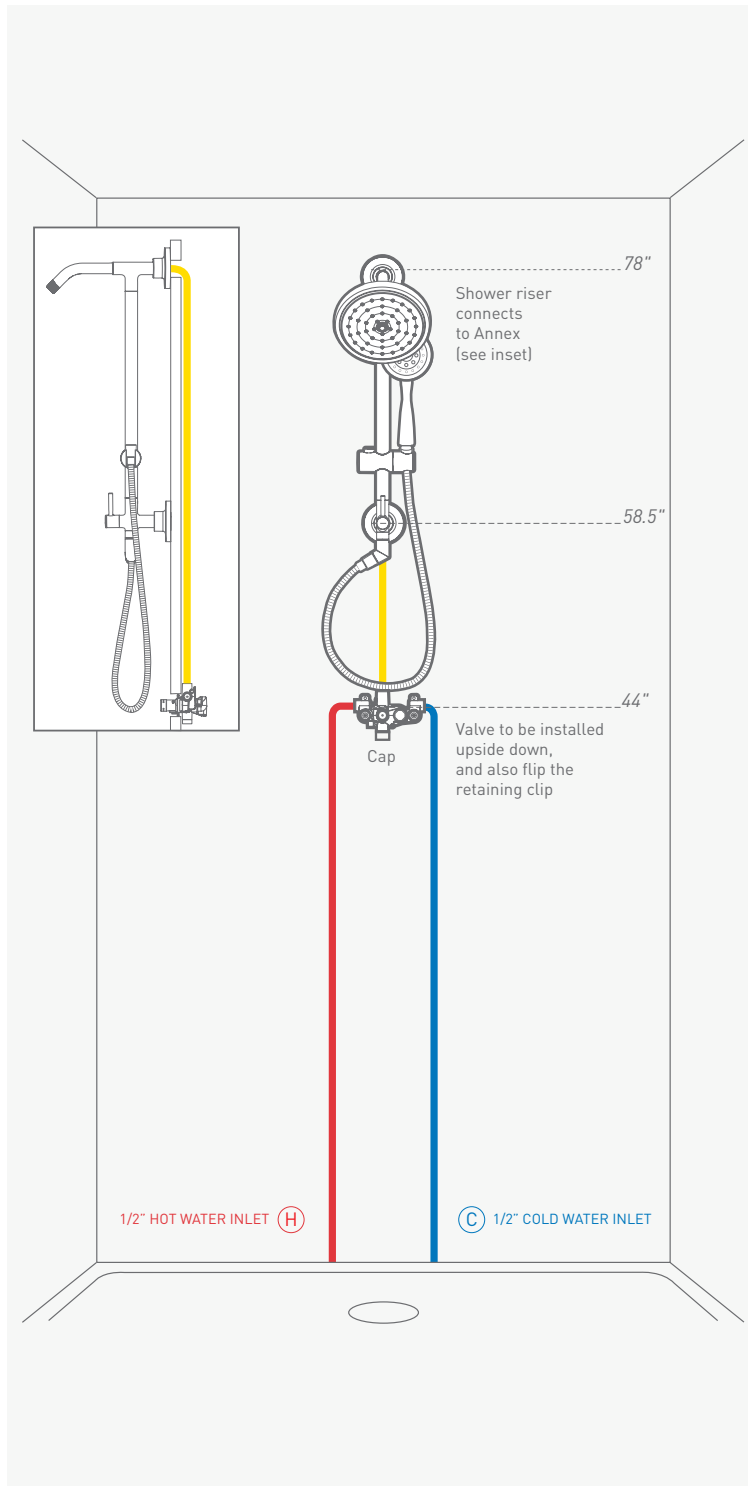
All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

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

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.



Annex



Showerhead



Handheld



Valve Trim



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.



Overview

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

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



IPS



CC



PEX



PEX COLD
EXPANSION

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.



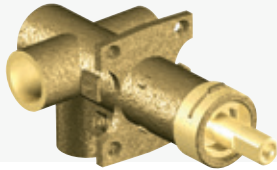
Optional Integral Stops

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

**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



Product Specs

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.

Inlet Size
1/2"

Outlet Size
1/2"

Features

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

- 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



CC

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.

Inlet Size
1/2"

Outlet Size
N/A

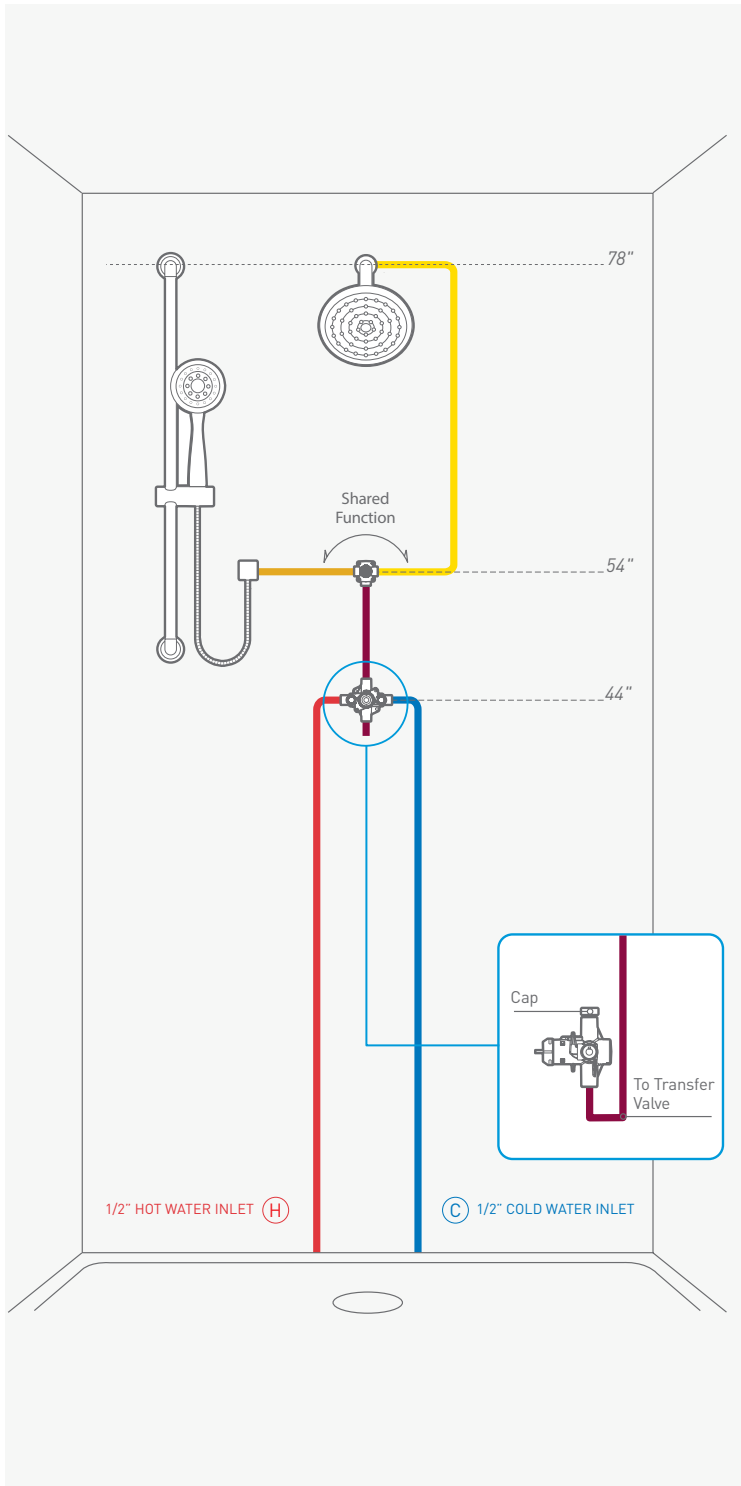
Features

- 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.



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

Configuration 01



- * 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.



Showerhead,
Arm and Flange



Handshower,
Drop ELL sold separately



Transfer Valve Trim



Valve Trim



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®

with Transfer Valve

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.

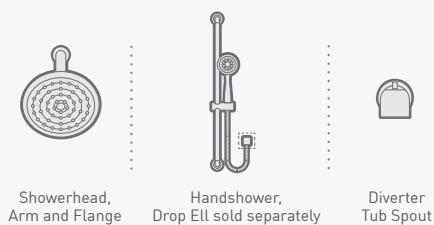
* Moen handshowers come with an integrated double check valve to prevent back-siphon.

TUB SPOUT:

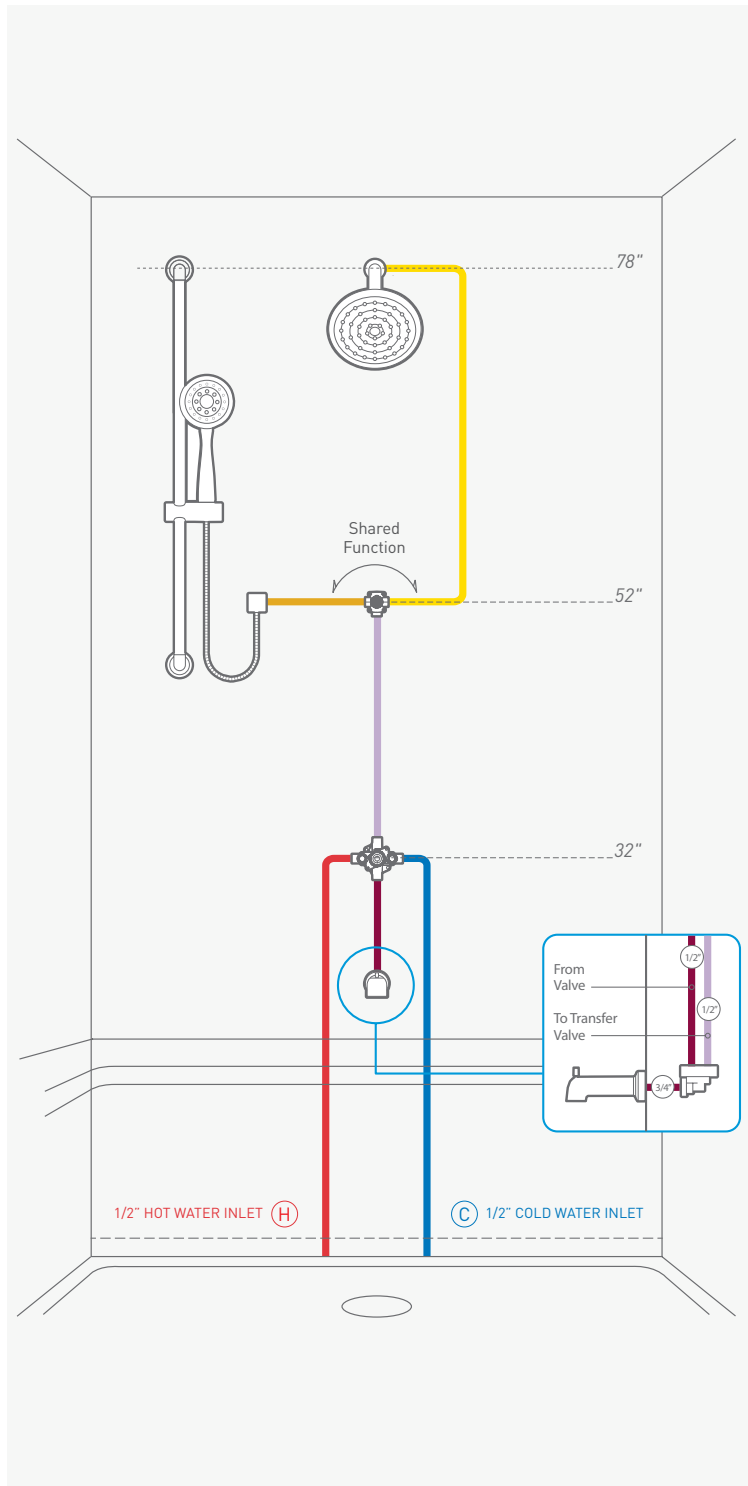
* When using a diverter tub spout, plumb the flow valve outlet to the twin ell front vertical inlet.

* 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.



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

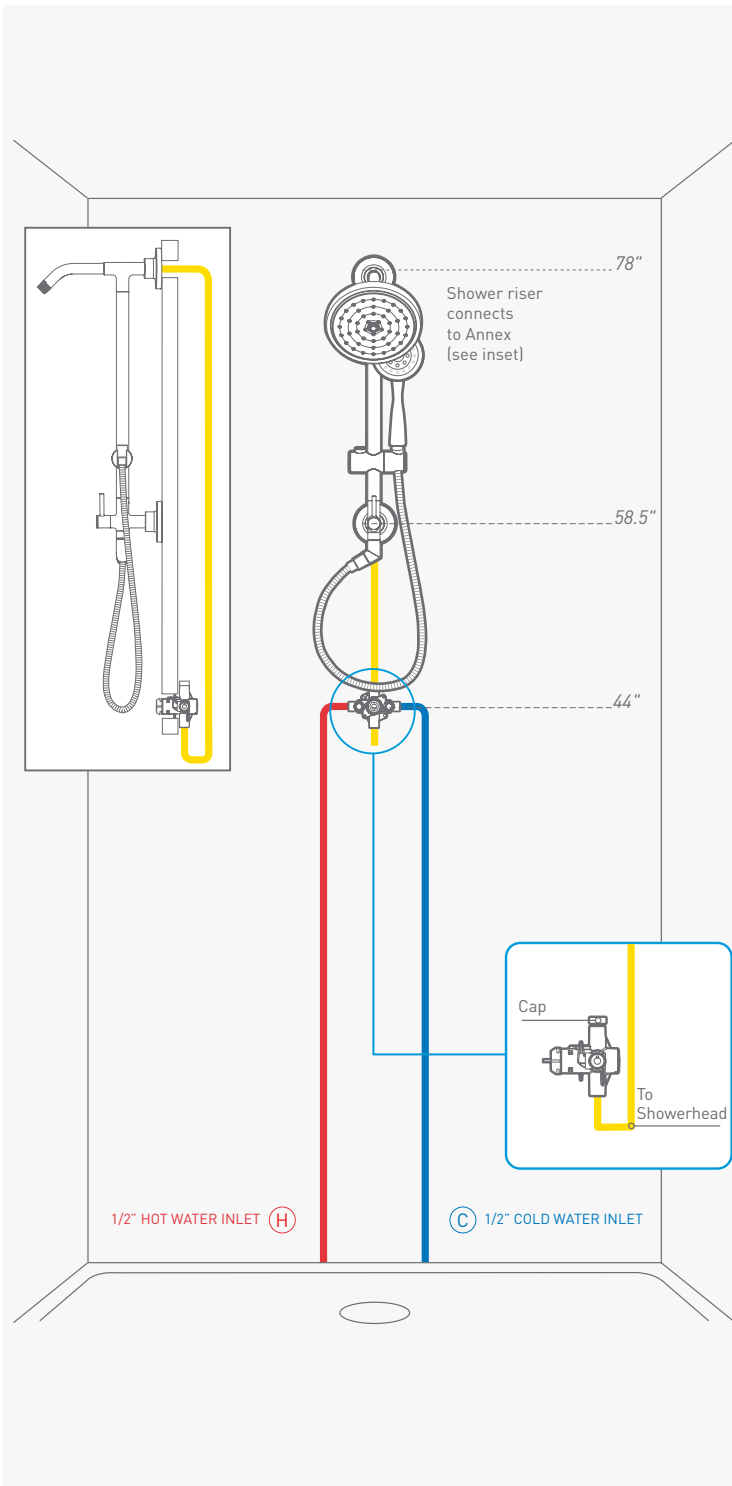


NOTE: This configuration is intended for use with a diverter tub spout.

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

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 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

VALVE OPTIONS AT-A-GLANCE



U by Moen™ Shower
2-Outlet Valve**



U by Moen Shower
4-Outlet Valve**



ExactTemp® ¾"
Thermostatic Valve***

	Thermostatic Valves		
COMFORT FEATURES			
Personalization Create settings for every occasion — post workouts, lazy mornings and more.	<input type="radio"/>	<input type="radio"/>	
Temperature consistency Water temperature won't fluctuate even as the hot water in your tank gets low.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximum-flow shower spa experience Provides the greatest balance of force, flow and coverage in a Moen shower spa.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shower spa compatible Add an extra showerhead or handshower or design a complete shower spa experience.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CONVENIENCE FEATURES			
Remote activation Sync your shower to your smartphone to start, stop and pause remotely.	<input type="radio"/>	<input type="radio"/>	
Precision thermostatic control Dial up the same water temperature every day, just like a thermostat.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Volume control Lets you adjust the amount of water that flows through your tub/shower from a gentle stream to full-force.			<input type="radio"/>
Temperature memory Dial stays in the same temperature position you last used and returns to that temperature within a few seconds.			<input type="radio"/>
Warm up and pause Save water by having the shower warm up to temperature and pause until you are ready to get in.	<input type="radio"/>	<input type="radio"/>	
SAFETY FEATURES			
Maximum temperature setting You can set the hottest temperature setting.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meets applicable pressure-balancing or thermostatic safety codes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
DEPENDABILITY FEATURES			
Limited Lifetime Warranty	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Easy-to-replace cartridge	N/A	N/A	<input type="radio"/>

* 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.



Moentrol®
Pressure-Balancing
Volume Control Valve



Moentrol
with Multi-Function
Transfer Valve



Posi-Temp®
Pressure-Balancing
Cycling Valve



ExactTemp
Volume Control



Two- or
Three-Function
Transfer Valve



Annex™
Without disturbing the
existing wall, add on
to existing shower

Pressure-Balancing Valves

Transfer Valves and Diverter

Pressure-Balancing Valves			Transfer Valves and Diverter		
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<input type="radio"/>	<input type="radio"/>		<input type="radio"/>		
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<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	N/A	N/A	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	N/A	N/A	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	N/A

Valves

Customize Your Shower

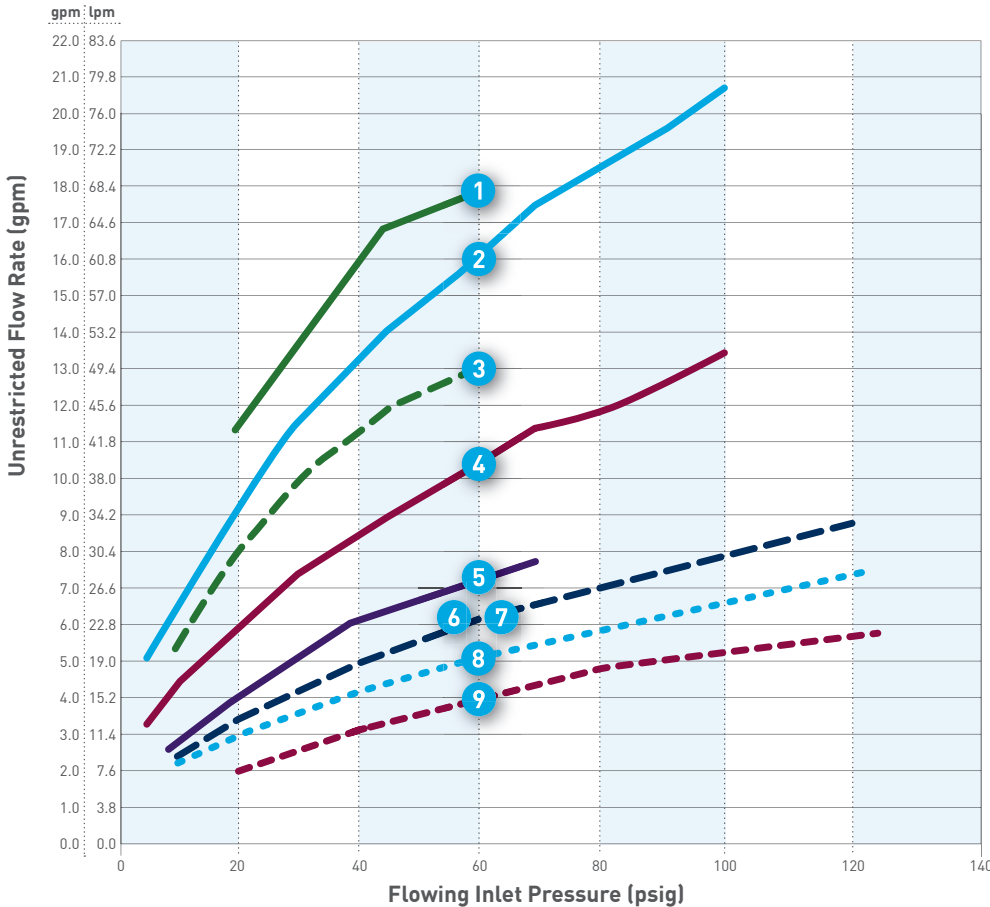
Material Number	Description	Category	Stops/ Check Stops	CC Inlets/ CC Outlets	IPS Inlets/IPS Outlets
S3104	U by Moen 4-Outlet <i>NEW!</i>	Digital Thermostatic	N/A	○	
S3102	U by Moen 2-Outlet <i>NEW!</i>	Digital Thermostatic	N/A	○	
S3371	ExactTemp® 3/4" IPS connection includes check stops	ExactTemp	CHECK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

*Available in bulk pack.

† Must be used with Moentrol or Posi-Temp shower valve.

Shower Valve Flow Rates

Flow Rate vs. Flowing Inlet Pressure of Moen Showering Valves (Unrestricted)



1. **3/4" ExactTemp®**
S3371 3/4" ExactTemp: 18.0 gpm/64.8 lpm
2. **U by Moen™ Shower – Four-Outlet**
S3104 Four-Outlet: 16.0 gpm/60.8 lpm
3. **Volume Control**
S3600 Volume Control: 13+ gpm/49.4 lpm
4. **U by Moen Shower – Two-Outlet**
S3102 Two-Outlet: 10.3 gpm/39.14 lpm
5. **Moentrol® Tub Port**
Moentrol 3520/3510/3570
Flow at Tub: 7.2 gpm/27.36 lpm
6. **Moentrol Shower Port**
Moentrol 3520/3510/3570
Flow at Shower: 6.3 gpm/23.94 lpm
7. **Posi-Temp® Tub Port**
Posi-Temp 2520/2510/2570/2590
Flow at Tub: 6.3 gpm/23.94 lpm
8. **Moentrol Two Outlets**
Moentrol 3320/3330/3350
Two-Outlets: 5.2 gpm/19.76 lpm
9. **Posi-Temp Shower Port**
Posi-Temp 2520/2510/2570/2590
Shower: 4.0 gpm/15.2 lpm

Shower Spa Installation Recommendations

Graph Line	Valve	Flow Rate through shower port (gpm/lpm) @ 20 PSI	Flow Rate through shower port (gpm/lpm) @ 40 PSI	Flow Rate through shower port (gpm/lpm) @ 60 PSI	Use with 2- or 3-function transfer	Maximum Components
1	3/4" ExactTemp® S3371	11.4/43.32	15.7/59.66	18.0/68.4	No	4 components: Any combination of showerheads, handshowers and body sprays (4 max)
2	U by Moen™ Four-Outlet S3104	9.0/34.2	13.0/49.4	16.0/60.8	No	4 components: Any combination of showerheads, handshowers and body sprays (4 max)
4	U by Moen Two-Outlet S3102	6.0/22.8	8.5/32.3	10.0/38.0	No	Showerhead, handshower or showerhead, 2 body sprays
6	Moentrol® 3520, 3510, 3570	3.5/13.3	5.0/19.0	6.3/23.94	Yes	Showerhead, handshower
9	Moentrol Two Outlets 3320, 3330, 3350	3.0*/11.4*	4.2*/15.96*	5.2*/19.76*	No	Showerhead, handshower or showerhead, 2 body sprays
10	Posi-Temp 2520, 2510, 2570, 2580, 2590	2.1/7.98	3.2/12.16	4.0/15.2	Yes	Showerhead, handshower

*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 125.16, 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.

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 1/2" CC/sweat, 1/2" IPS-threaded; 1/2" PEX, CPVC or cold expansion PEX
- Meets pressure-balancing safety codes

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

Feature	Moentrol	Posi-Temp
Handle Operation – How the faucet is turned on and off.	Pull / Push	Rotation
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.	Yes	No
Volume Control – Controls the water flow rate so you get the amount of water you want at the temperature you want.	Yes	No



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