

MOEN®

SHOWER PLANNING GUIDE



MOEN®





Create a showering experience as unique as you are

You want a shower that makes water feel therapeutic. One that can wash away tension, invigorate your spirit or simply provide you with a moment of indulgent solitude every day. With a wide range of valve options, showering devices and product innovations, Moen® helps homeowners, designers and installers create a custom shower that delivers a fully personalized experience. It all starts by discovering what an ideal shower means to the people who will use it.

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MISSION MOEN

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MISSION  MOEN.

Preserving the World's Most Precious Resource

OUR PROMISE TO THE WATER OF TOMORROW

Mission Moen[®] is our pledge to conserve and protect the world's most precious resource while helping people enjoy it even more.

It's our promise to the water of tomorrow and the guiding principle behind our innovation and design. And importantly, it's an invitation for consumers to join us. To reconsider the immeasurable value of water and make simple choices that treat it with the care and reverence it deserves.

By 2030, our innovations will help consumers save 1 trillion gallons of water, and our intentional design and engineering will help repurpose 2,000 tons of ocean plastic.

Because water designs our life, and together, we can keep it that way.

Want to learn more? **Visit [moen.com/mission-moen](https://www.moen.com/mission-moen).**

Design Your Perfect Shower

Create a shower that is best suited to your lifestyle. One that can invigorate your senses and wash away the stress of the day, while providing you with a therapeutic water experience. Moen® offers a variety of valve options, showering devices and product options in a range of finishes that allow homeowners, designers and installers to customize the design and functionality of showers. Personalizing your shower experience starts by thinking through four primary considerations.



1 | CONFIGURATION

Take into consideration the number of walls surrounding your shower will be glass. Do you want all your controls and shower devices on the same wall, or would you rather be surrounded with spray? Don't forget, the ceiling can serve as an extra wall for a rainshower. Will a tub spout be in the configuration?

Shower configuration inspiration starts on [page 26](#).

2 | SHOWERING DEVICES

Select the water spray option best suited for you, whether it be a handshower, rainshower or body sprays. Which do you prefer? How many of each?

Explore the full line of shower devices at [moen.com/bathroom/shower-spa](https://www.moen.com/bathroom/shower-spa).



3 | VALVE OPTIONS

Take control of how you would like your shower to function. Do you want your shower to be integrated into your smart home? Would you like to control your water volume and temperature independently? Do you want the ability to use more than one showering device at the same time?

*Moen valve guide starts on **page 12**.*

4 | TRIM STYLE AND FINISH

Mix and match trim styles and finishes to create your perfect shower design. Do you have a minimalist modern trim style, or are you going for a more elegant, traditional look? Do you prefer mirror-like Chrome finish or the bold statement of a modern, Matte Black trim?

*Explore the full line of shower devices at **moen.com**.*

Terms to Know

Getting familiar with a few commonly used terms will help you navigate the shower planning process. When meeting with a designer about the plan for your bath, it's helpful to have rough measurements of your shower area to start the design process with ease.



PRODUCTS FEATURED:

Colinet® M-CORE 3-Series Shower-Only Trim UTS344303BN | Colinet M-CORE Transfer Valve Trim UTS9381BN | Handshower with Slidebar 3887EPBN | Two-Function Pivoting Body Spray Trim TS1422BN
Drop Ell A725BN | Colinet Freestanding Tub Filler S44507BN | Colinet Double Robe Hook YB0503BN | Colinet Drawer Knob YB0505BN | Colinet Drawer Pull YB0507BN | Colinet Pivoting Paper Holder YB0508BN



SHOWERING DEVICE

A general name for any component that produces a spray—showerhead, handshower, rainshower or a set of body sprays.

TRIM

The visible, decorative parts of your shower—examples include handles, escutcheons and shower arms in different styles and finishes.

MIXING VALVE

The part of your shower system that connects to your hot and cold water supply lines. This valve lets you blend, or mix, hot and cold water to select your preferred temperature. It will either send water directly to a showering device or a secondary valve (a volume control or transfer valve) that, in turn, directs water flow. Moen® offers four mixing valves: Smart Shower Digital Valve, ExactTemp®, M-CORE® and Posi-Temp®.

TRANSFER VALVE

The part of your shower system that directs water from a mixing valve to two or three different showering devices. A transfer valve with independent functionality allows you to operate only one of the connected showering devices at a time. Transfer valves with shared functionality allow you to operate each showering device individually or any two at the same time.

VOLUME CONTROL VALVE

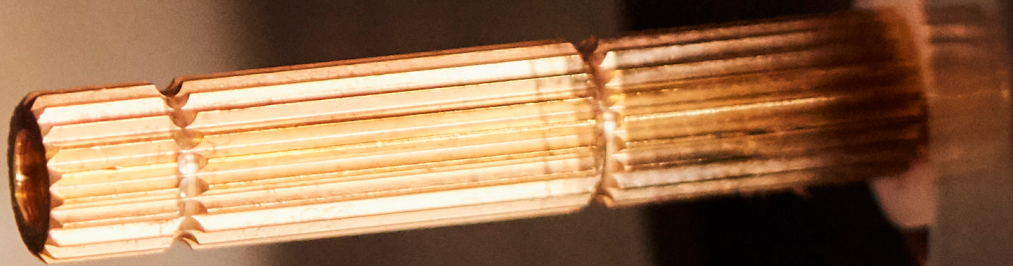
This valve lets you turn water flow on/off and adjust the volume (amount) of water going to a single showering device. Every showering device paired with an ExactTemp thermostatic mixing valve will require its own volume control valve.

THERMOSTATIC

Maintains precise temperature by continually adjusting the incoming mix of hot and cold water.

PRESSURE-BALANCING

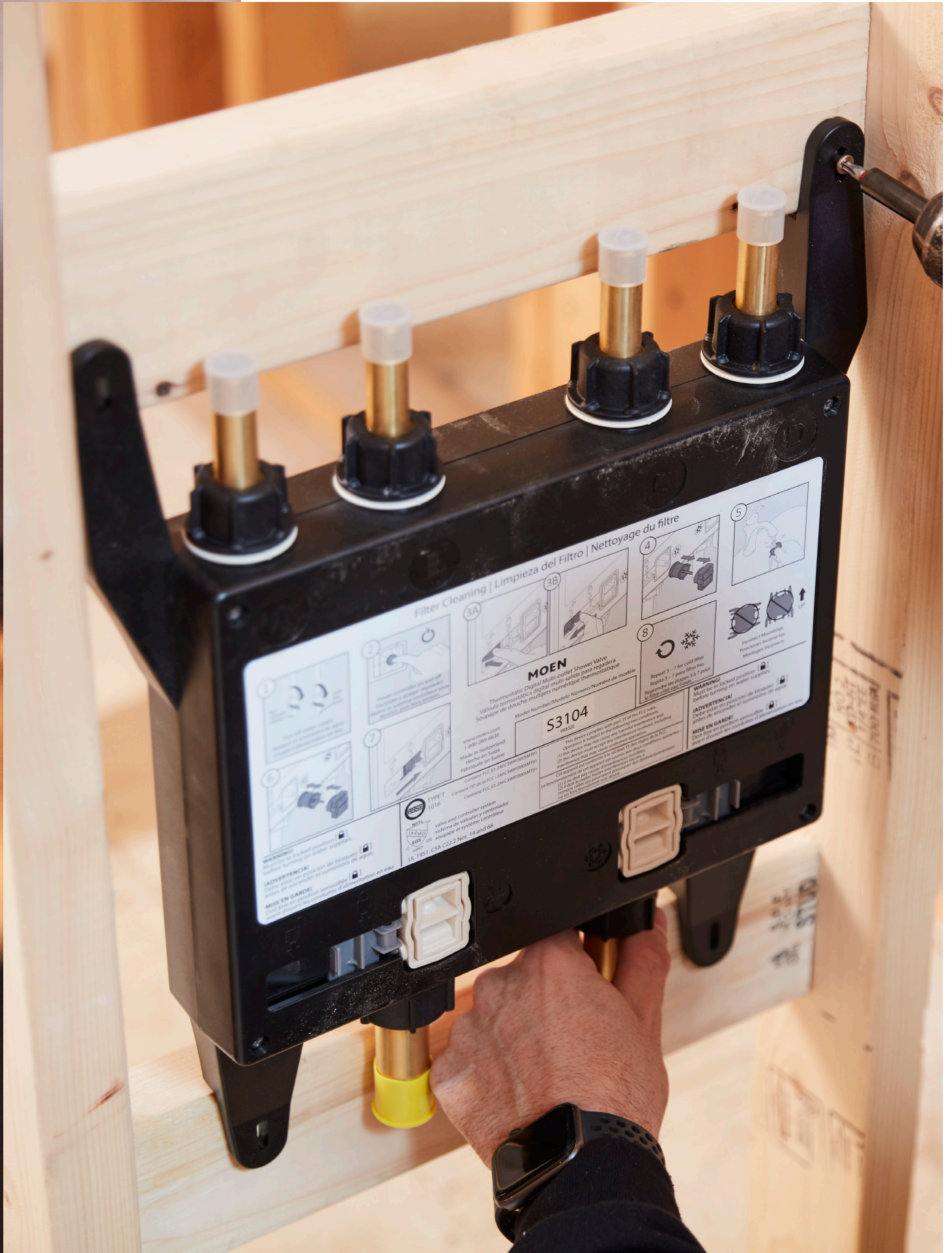
Designed to balance the ratio of incoming hot and cold water to maintain temperature when there is a water pressure change that could come from flushing a toilet or starting the dishwasher. Pressure-balancing mechanisms are safety devices that protect against extreme water temperature changes by maintaining temperature within $\pm 3.6^{\circ}\text{F}$ ($\pm 2^{\circ}\text{C}$).



Moen® Valves

Understanding the wide range of valve options Moen has to offer will give you a variety of ways to design your perfect showering experience. Create a shower that not only looks beautiful, but functions beautifully.

4-Outlet Smart Shower Valve S3104



Filter Cleaning | Limpieza del Filtro | Nettoyage du filtre

MOEN
Thermostatic Digital Multi-Outlet Shower Valve
Válvula termostática digital multi-salida para regadera
Soupape de douche multiflex numérique thermostatique

Model Number/Modelo/Numéro de modèle
S3104
69302

www.moen.com
1-800-289-6636
Made in Switzerland
hecho en Suiza
fabriqué en Suisse

Contiene FCC ID: 2AFC3WA1000001
Contiene FCC ID: 2AFC3WA1000001

NSF
TYPE 101A
valve and controller system
sistema de válvula y controlador
soupape et système contrôleur

UL 193, CSA C22-2 Nos. 14 and 68

WARNING!
Must be in locked position before turning on water supply.

ADVERTENCIA!
Debe estar en posición de bloqueo antes de encender el suministro de agua.

MISE EN GARDE!
Doit être en position verrouillée avant de procéder à l'alimentation en eau.

Incorrect Mounting
Problemas de montaje
Montage incorrect

Repeat 3 - 7 for cold filter
Repetir 3 - 7 para filtro frío
Répéter 3 à 7 pour le filtre froid

5
4
3A
3B
7
6
8

UNDERSTANDING MOEN® VALVES



SMART SHOWER DIGITAL VALVE

Digital Thermostatic Temperature control | \$\$\$\$



Showering Devices Supported

2-Outlet: 1-2 showering devices
4-Outlet: 1-4 showering devices

Flow Rate Through Shower Port*

2-Outlet: 10 gpm flow rate
4-Outlet: 16 gpm flow rate

Reference Smart Shower Dream Spa Configurations on page 28.

EXACTTEMP®

Thermostatic Temperature Control | \$\$\$\$



Showering Devices Supported

1-4+ showering devices
(with separate volume control valves)

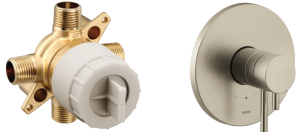
Flow Rate Through Shower Port*

18.0 gpm flow rate

Reference ExactTemp Dream Spa Configurations on page 28.

*Unrestricted flow rates at 60 PSI

All trim shown: Align® Collection in Lifeshine® Brushed Nickel. For complete shower offerings visit moen.com.



M-CORE® 4-SERIES

Thermostatic Temperature Control/Volume Control | \$\$\$

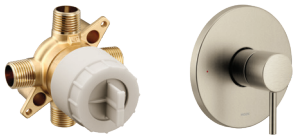
Showering Devices Supported

1 showering device
(2-3 with M-CORE Transfer Valve)

Flow Rate Through Shower Port*

5.5 gpm flow rate

Reference M-CORE 4-Series Shower Spas on page 46 and M-CORE 4-Series Tub/Showers on page 76.



M-CORE 3-SERIES

Volume Control/Temperature Control | \$\$

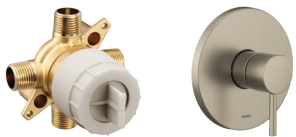
Showering Devices Supported

1 showering device
(2-3 with M-CORE Transfer Valve)

Flow Rate Through Shower Port*

6.0 gpm flow rate

Reference M-CORE 3-Series Shower Spas on page 46 and M-CORE 3-Series Tub/Showers on page 76.



M-CORE 2-SERIES

Temperature Control | \$

Showering Devices Supported

1 showering device
(2-3 with M-CORE Transfer Valve)

Flow Rate Through Shower Port*

6.1 gpm flow rate

Reference M-CORE 2-Series Shower Spas on page 46 and M-CORE 2-Series Tub/Showers on page 76.



POSI-TEMP®

Temperature Control | \$

Showering Devices Supported

1 showering device
(2-3 with M-CORE Transfer Valve)

Flow Rate Through Shower Port*

4.0 gpm flow rate

Reference Posi-Temp Shower Spas on page 46 and Posi-Temp Tub/Showers on page 76.

SMART SHOWER



PRODUCTS FEATURED:

Smart Shower 4-Outlet Controller TS3304BL | Rainshower S112WR | 12" Shower Arm 226651WR | Handshower with Slidebar 3558EPBL | Drop Ell A725WR
Two-Function Pivoting Body Spray Trim TS1422BL | Arris Robe Hook YB0803BL

SMART SHOWER CONTROLLER

Moen® has forever transformed showering to create a personalized showering experience. Now with three ways to control your smart shower: voice, phone and controller.



2-Outlet Controller



4-Outlet Controller

Voice Activation

- Control your shower with your voice
- Create presets within the Moen Smart Water App
- Use commands to control your shower through Alexa, Siri and Google Home
- Start your shower to a specific temperature

Start, Stop and Pause Remotely

Use the Moen Smart Water App to set the perfect temperature for your shower

Set Your Ideal Shower

Save your settings and get the perfect shower every time

Customize Your Shower Set-Up

Install your Smart Shower with two or four outlets, based on your preferred shower layout

The Smart Shower Controller must be paired with the Smart Shower Digital Valve. Controller available in Terra Beige **(TB)** and Matte Black **(BL)**.



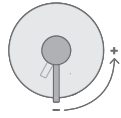
M-CORE® UNIVERSAL VALVE SYSTEM



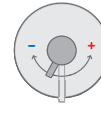
PRODUCTS FEATURED:
Align® M-CORE 3-Series Shower-Only Trim UT3292BG | Align Single Robe Hook YB0403BG

M-CORE 4-SERIES | CARTRIDGE WITH TRIM KIT

- Set and forget temperature lever lets you recall your favorite temperature day after day
- Thermostatic design maintains precise, consistent temperature throughout the shower
- Separate volume control lever lets you control the flow

**Volume Control**

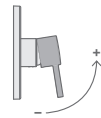
Rotate the large handle counter-clockwise to turn on and adjust water volume

**Temperature Control**

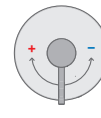
Rotate small handle clockwise for cold water. Rotate small handle counter-clockwise for hot water.

M-CORE 3-SERIES | CARTRIDGE WITH TRIM KIT

- One lever dependently controls water volume and temperature
- Everyone can dial in a combination that is just right

**Volume Control**

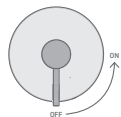
Lift handle to turn water on and adjust the water's volume as needed

**Temperature Control**

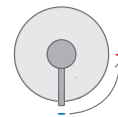
Rotate handle counter-clockwise for cold water. Rotate handle clockwise for hot water

M-CORE 2-SERIES | CARTRIDGE WITH TRIM KIT

- One lever controls temperature at a single flow rate

**Water On/Off**

Rotate handle counter-clockwise to turn water on

**Temperature Control**

Rotate handle counter-clockwise to cycle from cold to hot water

TRANSFER VALVES



PRODUCTS FEATURED:

Doux™ Posi-Temp Valve Only Trim TS2201 | Doux M-CORE Transfer Valve Trim UTS9204 | Rainshower S1003EP | Shower Arm 151380
Shower Escutcheon 137488 | Handshower with Slidebar 3887EP | Drop Ell A725



M-CORE® TRANSFER VALVE

Enjoy M-CORE's improved style options, including perfectly matching transfer trim and attention to details that reflect the desire for a dream bathroom. Not only does M-CORE allow for a wider array of trim selections, but it also enables those going through the new construction or remodeling process to take their time with selections, as functionality and style choice can be made after the valve is plumbed.

With M-CORE transfer valves, consumers can choose from a wide range of options:

- Offers independent or shared functionality
- One valve, two options: 2-Function (2 independent only); or 3-Function (3 independent only)
- One valve, two options: 3-Function (2 independent/1 shared); or 6-Function (3 independent/3 shared)
- Broad range of finishes and perfectly matched styles
- **M-CORE transfer valves can be plumbed with M-CORE or Posi-Temp® mixing valves**

Featured Products

Moen® offers a variety of showering devices to help you design the perfect custom shower experience. From rainshowers to handshowers, body sprays to innovative spray technologies, Moen has everything needed your shower plan.

*Belfield™ ExactTemp® Valve Only Trim T4411 | Belfield ExactTemp Volume Control Trim T4412
Shower Arm and Flange 177171 | Rainshower S6310 | Slidebar 154296 | Handshower 164929
Hose 155748 | Drop Ell A725 | Two-Function Pivoting Body Spray Trim TS1422*





Showering Devices

Combine showering devices, such as **rainshowers**, **handshowers** and **body sprays**, to craft the perfect shower. Immersion® rainshower technology creates a consistently invigorating experience by sending water through a series of self-pressurized channels. Immersion creates ideal force and distributes it evenly across the entire spray pattern.

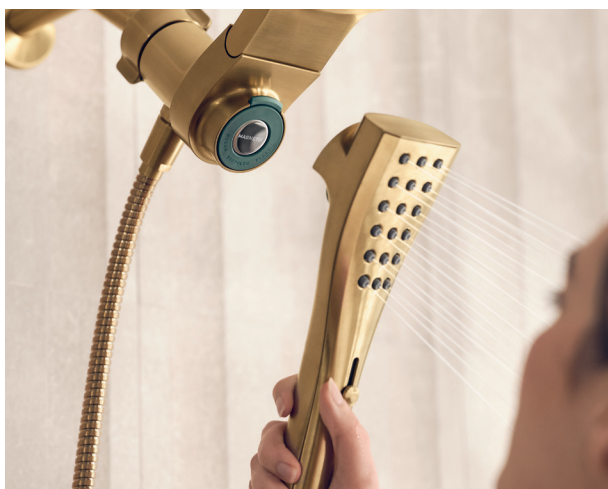
See all shower devices offered at [moen.com/bathroom/shower-spa](https://www.moen.com/bathroom/shower-spa).



Annex™ Shower Rail

The Annex Shower Rail transforms your standard shower by adding more showering options without the costly remodel. Add any showerhead and handshower style you wish, then transfer water from one to another.

See all Annex Shower Rail finishes at [moen.com](https://www.moen.com).



Shower Innovations

Move the Infiniti™ Dial to blend sprays and pressure for your perfect shower. Create the experience that is just right for you. Additionally, Magnetix™ showers feature an innovative magnetic docking system. The handshower detaches effortlessly, then returns with a telltale snap that lets you know it's securely docked.

See all Infiniti Dial and Magnetix platforms at [moen.com/innovation](https://www.moen.com/innovation).



PRODUCTS FEATURED:
Weymouth® M-CORE® 4-Series Shower-Only Trim UTS43102EPBL | Weymouth M-CORE Transfer Valve Trim UTS32205BL
Slidebar with Handshower S12107EPBL | Drop Ell A725WR | Two-Function Pivoting Body Spray Trim TS1422BL

Dream Spa

Maximum water volume. Precise temperature control. Lavish spray coverage—from head to toe. All designed to perform together and to your precise commands. Dream Spas let you dial up an indulgent experience that's perfect for the moment and just right for you.

Arris® Wallmount Faucet TS43003 | Handshower with Slide Bar 3887EP | Drop Ell A725

Single-Function Pivoting Body Spray TS1322 | Arris Standing Tub Filler with Handshower S93005

Arris 24" Towel Bar YB0824CH

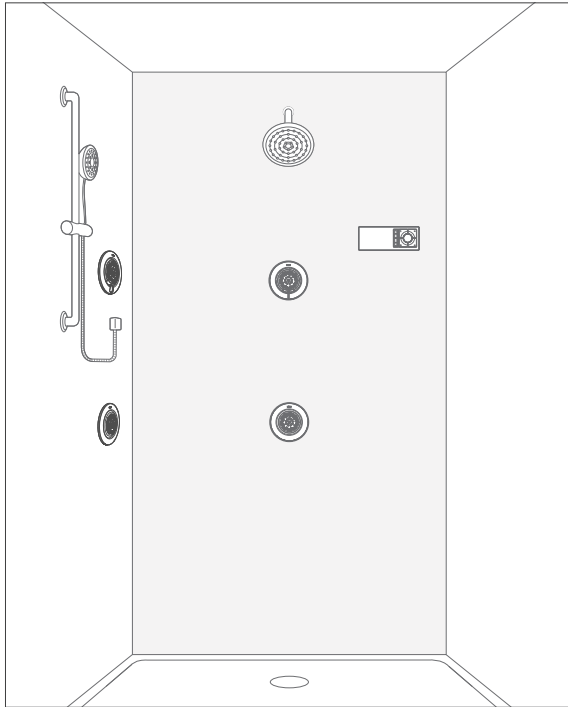


DREAM SPAS



PRODUCT FEATURED:
Smart Shower 4-Outlet Controller TS3304BL

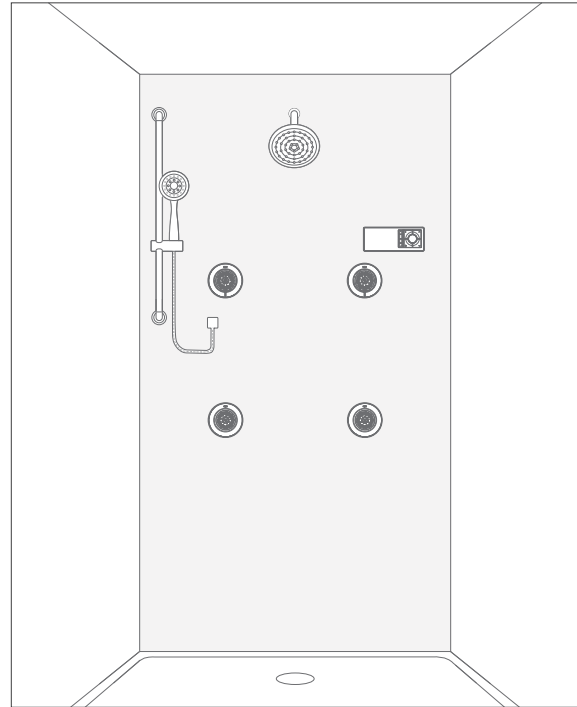
SMART SHOWER



CONFIGURATION 1

4 Showering Devices, 2 Walls

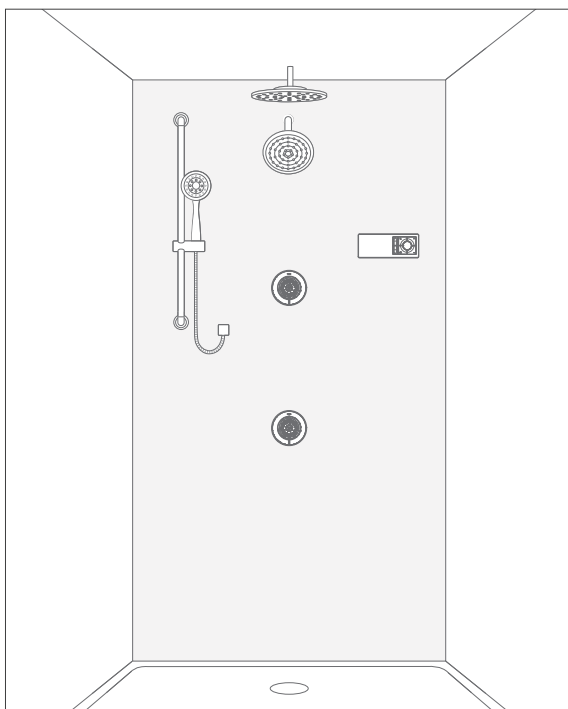
Installation diagram available on page 32



CONFIGURATION 2

4 Showering Devices, 1 Wall

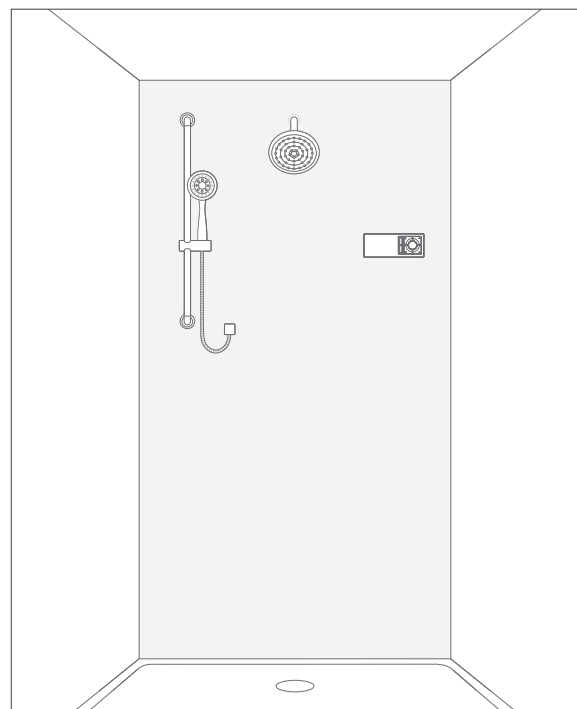
Installation diagram available on page 33



CONFIGURATION 3

4 Showering Devices, 1 Wall and Ceiling

Installation diagram available on page 34

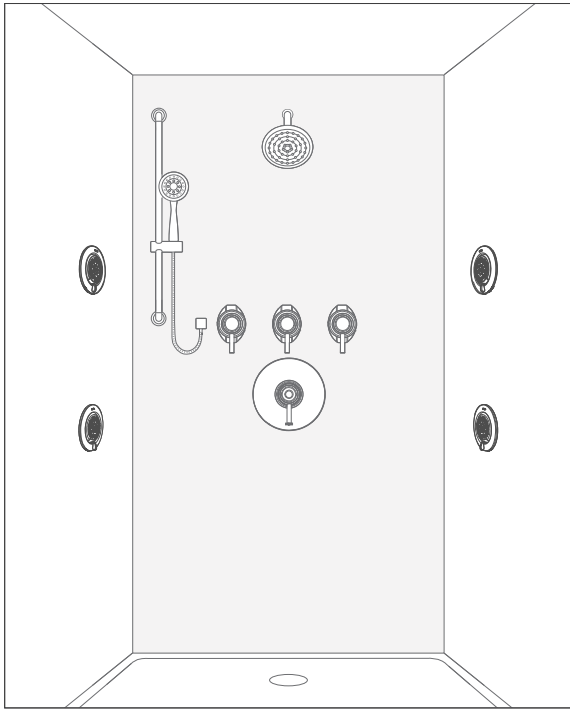


CONFIGURATION 4

2 Showering Devices, 1 Wall

Installation diagram available on page 35

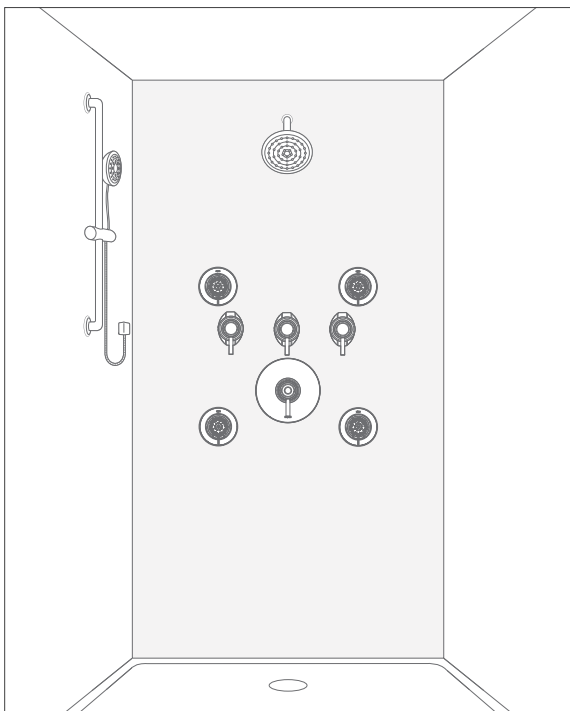
EXACTTEMP®



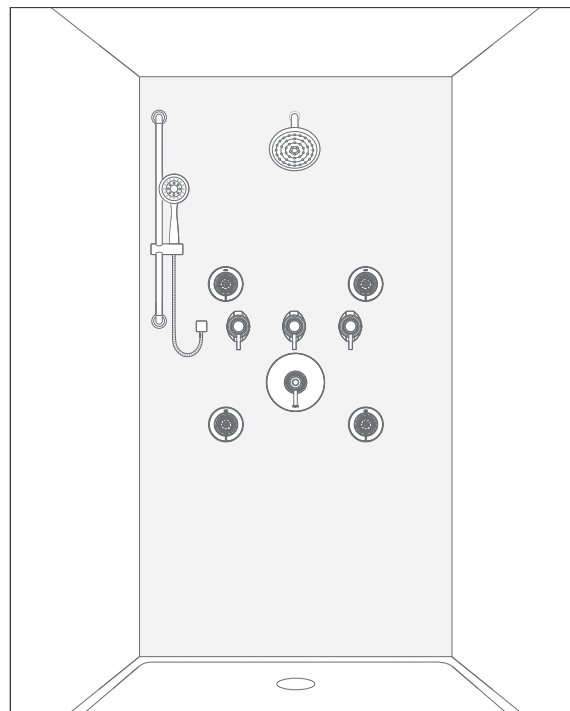
CONFIGURATION 5
3 Showering Devices, 3 Walls
Installation diagram available on page 37



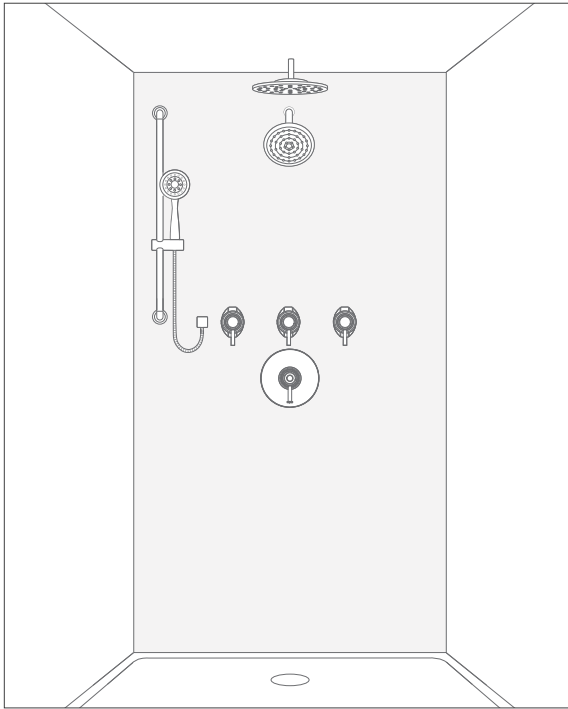
CONFIGURATION 6
3 Showering Devices, 3 Walls
Installation diagram available on page 38



CONFIGURATION 7
3 Showering Devices, 2 Walls
Installation diagram available on page 39

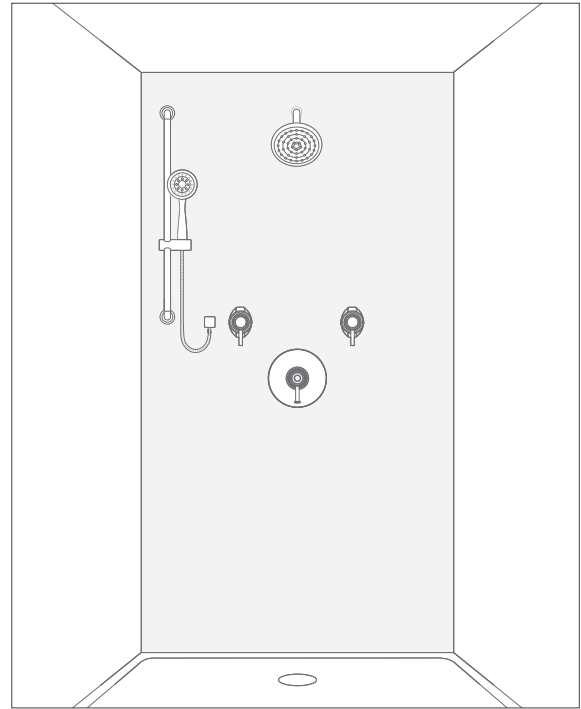


CONFIGURATION 8
3 Showering Devices, 1 Wall
Installation diagram available on page 40



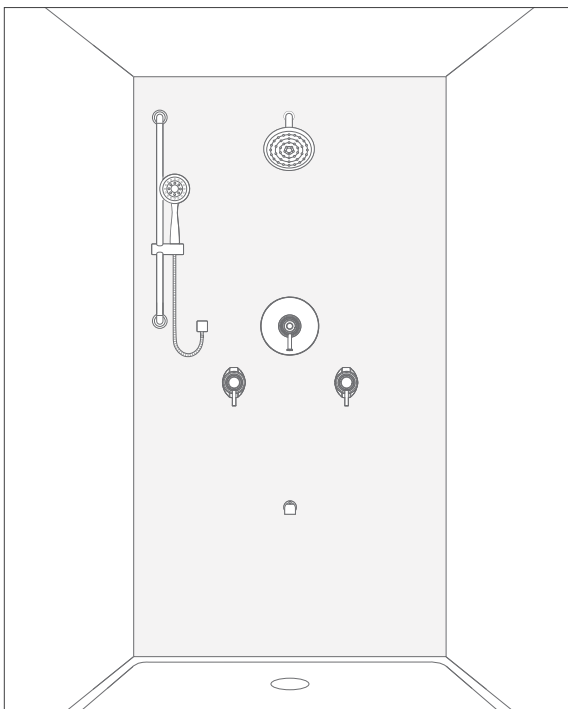
CONFIGURATION 9

3 Showering Devices, 1 Wall and Ceiling
Installation diagram available on page 41



CONFIGURATION 10

2 Showering Devices, 1 Wall
Installation diagram available on page 42



CONFIGURATION 11

2 Showering Devices with Diverter Tub Spout, 1 Wall
Installation diagram available on page 43

SMART SHOWER | DREAM SPA

CONFIGURATION 1

4-Outlet Smart Shower Valve

Four Showering Devices, Two Walls

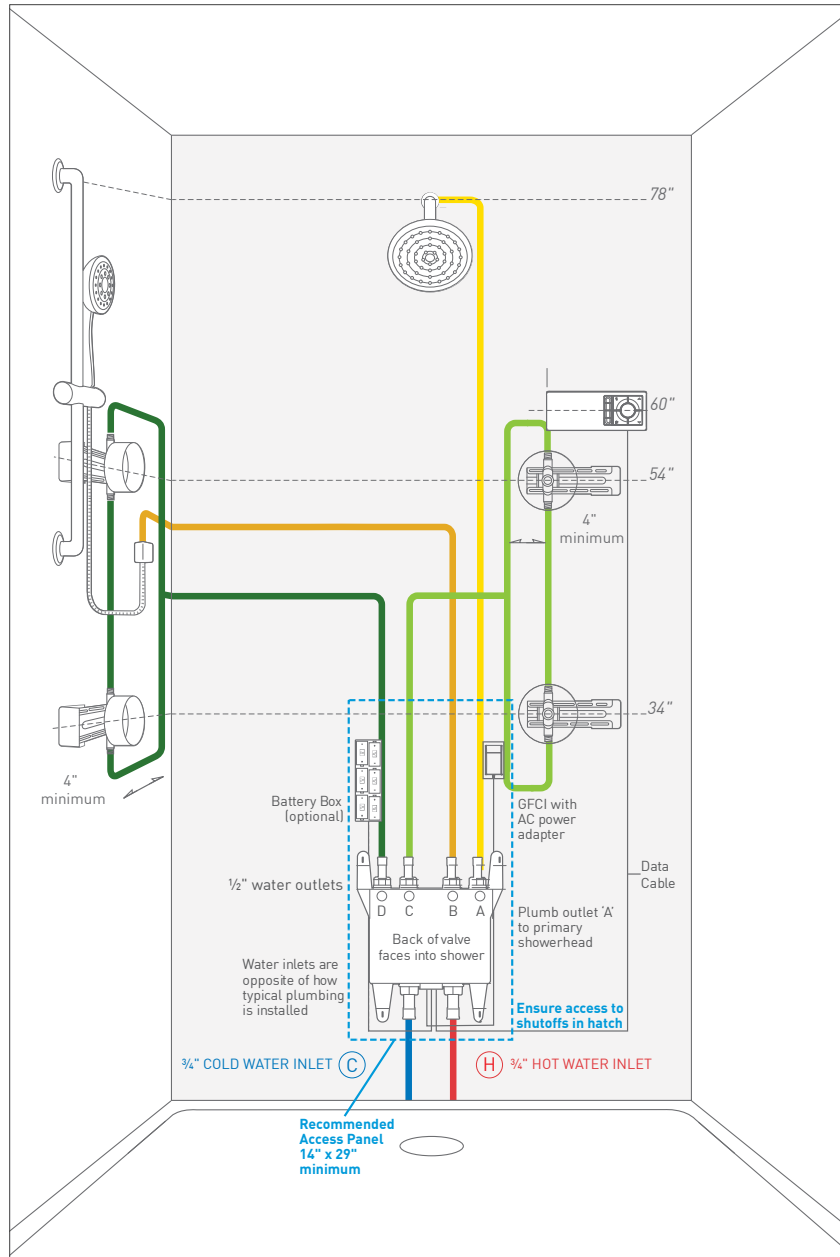


DIAGRAM NOTES

- 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 an 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 require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of three body sprays on one outlet)
- Two body sprays may be operated as one function
- Shower can be operated and personalized remotely with the smartphone app, which is available for Apple iOS and Android



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 2

4-Outlet Smart Shower Valve

Four Showering Devices, One Wall

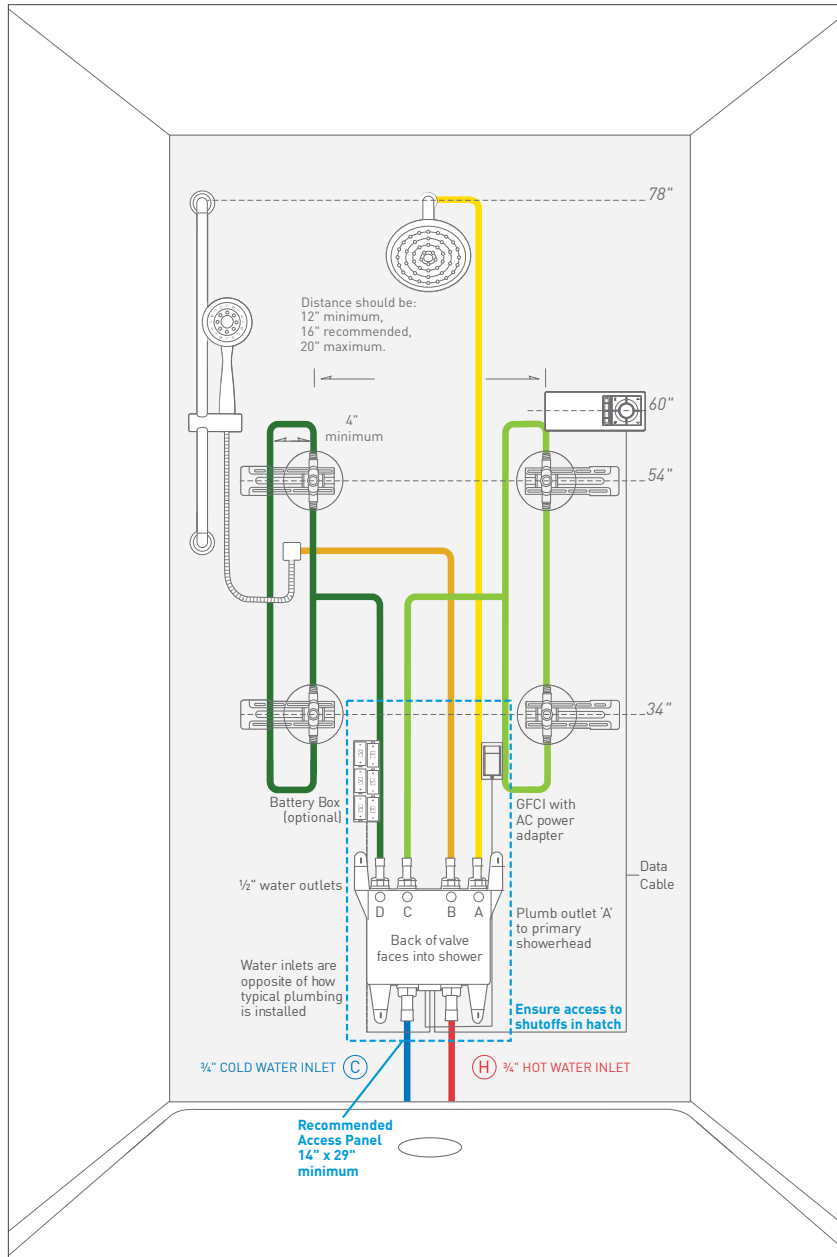
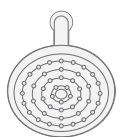


DIAGRAM NOTES

- 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 an 8^{11/16}" x 3^{3/8}" 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 require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of three body sprays on one outlet)
- Two body sprays may be operated as one function
- Shower can be operated and personalized remotely with the smartphone app, which is available for Apple iOS and Android



Showerhead:
Arm and Flange



Handshower:
Drop Ell Sold Separately



Multi-Function
Body Spray (2)



Single-Function
Body Spray (2)



4-Outlet Smart
Shower Valve

SMART SHOWER | DREAM SPA

CONFIGURATION 3

4-Outlet Smart Shower Valve

Four Showering Devices, One Wall and Ceiling

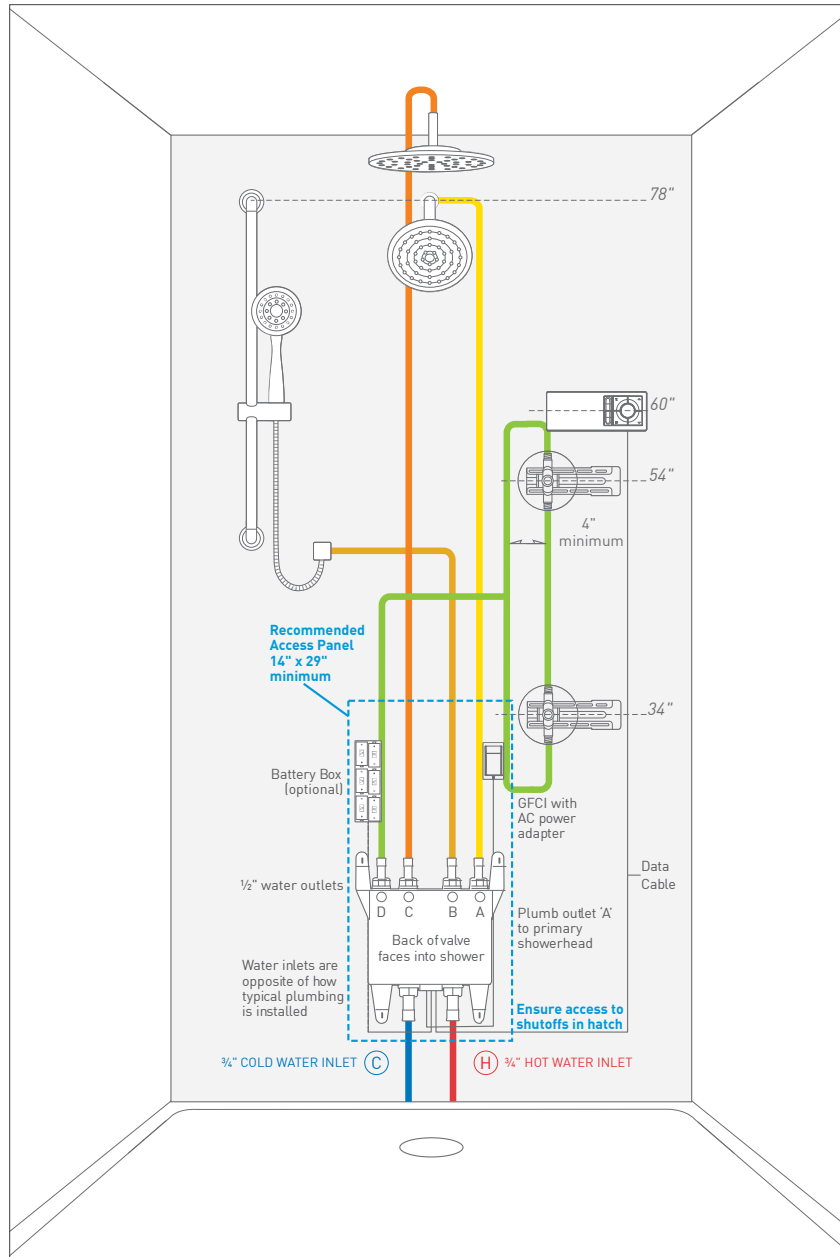
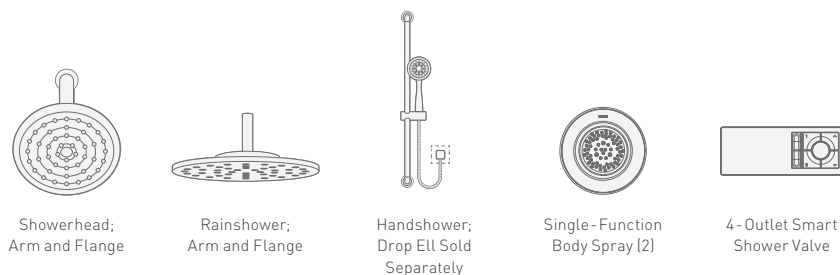


DIAGRAM NOTES

- 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 an 8^{11/16}" x 3^{3/8}" space within the shower
- Outlet A is the primary outlet; this outlet should operate the primary showerhead
- Ceiling-mounted rainshower
- Moen® handshowers come with an integrated double check valve to prevent back-siphon
- Body sprays require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of three body sprays on one outlet)
- Two body sprays may be operated as one function
- Shower can be operated and personalized remotely with the smartphone app, which is available for Apple iOS and Android



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 4

2-Outlet Smart Shower Valve

Two Showering Devices, One Wall

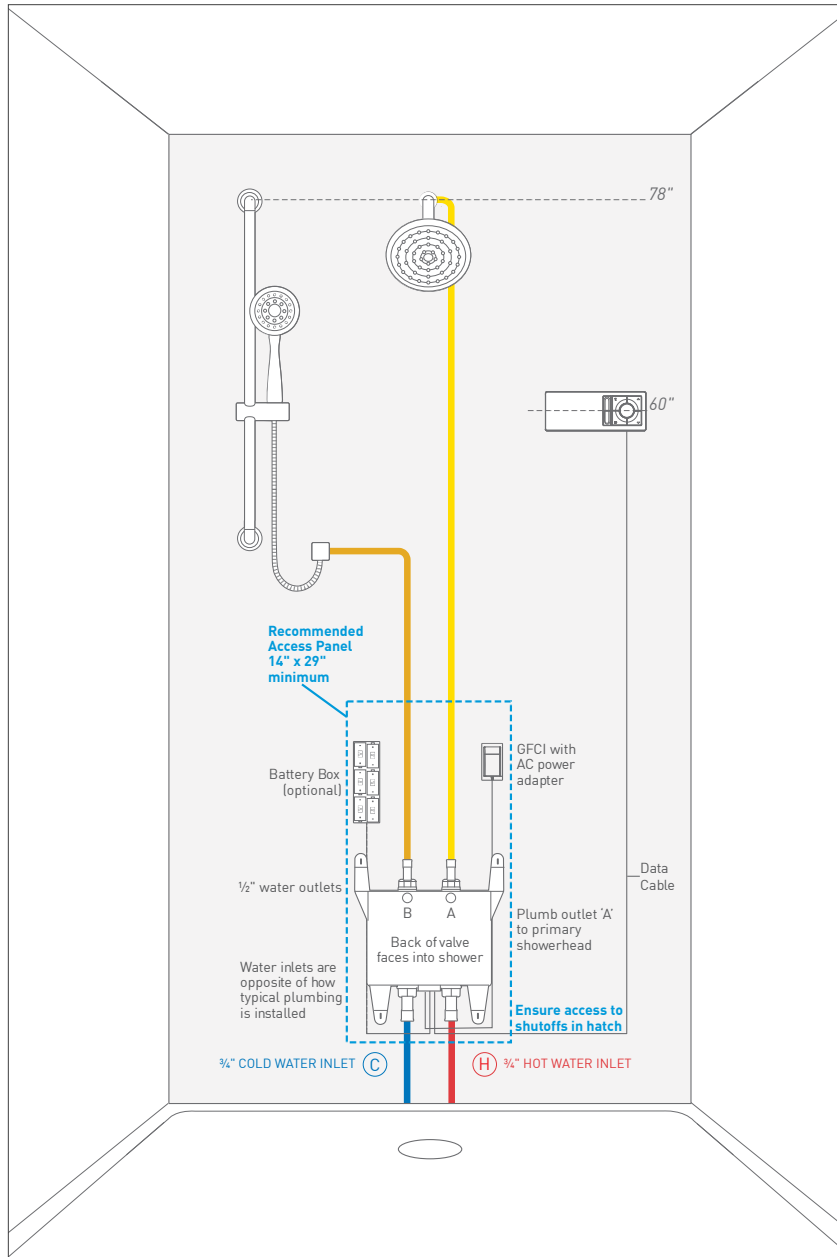
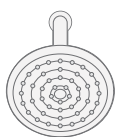


DIAGRAM NOTES

- 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 an 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 smartphone app, which is available for Apple iOS and Android



Showerhead:
Arm and Flange



Handshower:
Drop Ell Sold
Separately



2-Outlet Smart
Shower Valve



PRODUCTS FEATURED:

Flara® ExactTemp Valve Only Trim TS4201 | Flara ExactTemp Volume Control Valve Trim TS4202 | Rainshower S6320 | Shower Arm S113 | Shower Flange 137488
Slidebar with Handshower S3880EP | Drop Ell A721 | Flara Double Robe Hook YB0303

EXACTTEMP® | DREAM SPA

CONFIGURATION 5

ExactTemp 3/4" Mixing and Volume Control Valves

Three Showering Devices, Three Walls

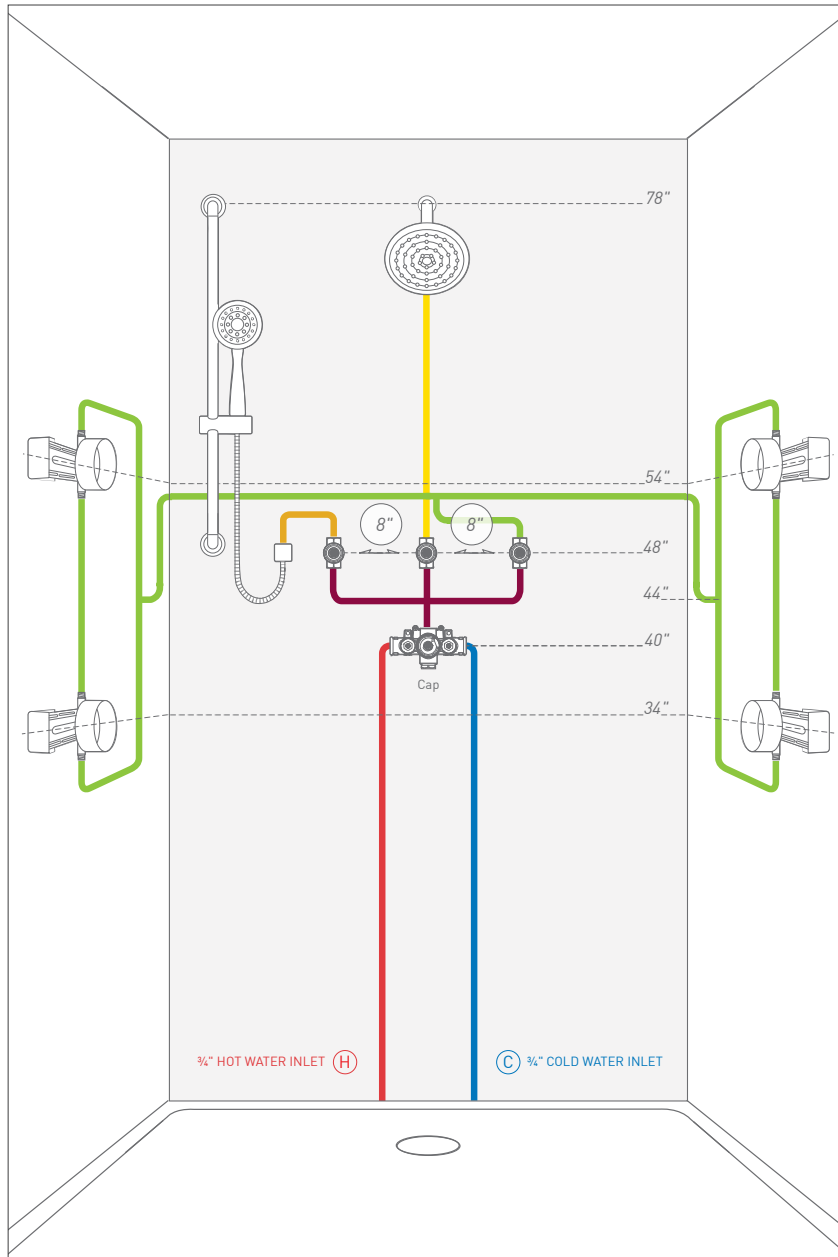


DIAGRAM NOTES

- Always use included plug for tub port when using ExactTemp 3/4" Valve (S3371) in a dream 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 require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of four body sprays on one volume control 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® | DREAM SPA

CONFIGURATION 6

ExactTemp 3/4" Mixing and Volume Control Valves

Three Showering Devices, Three Walls

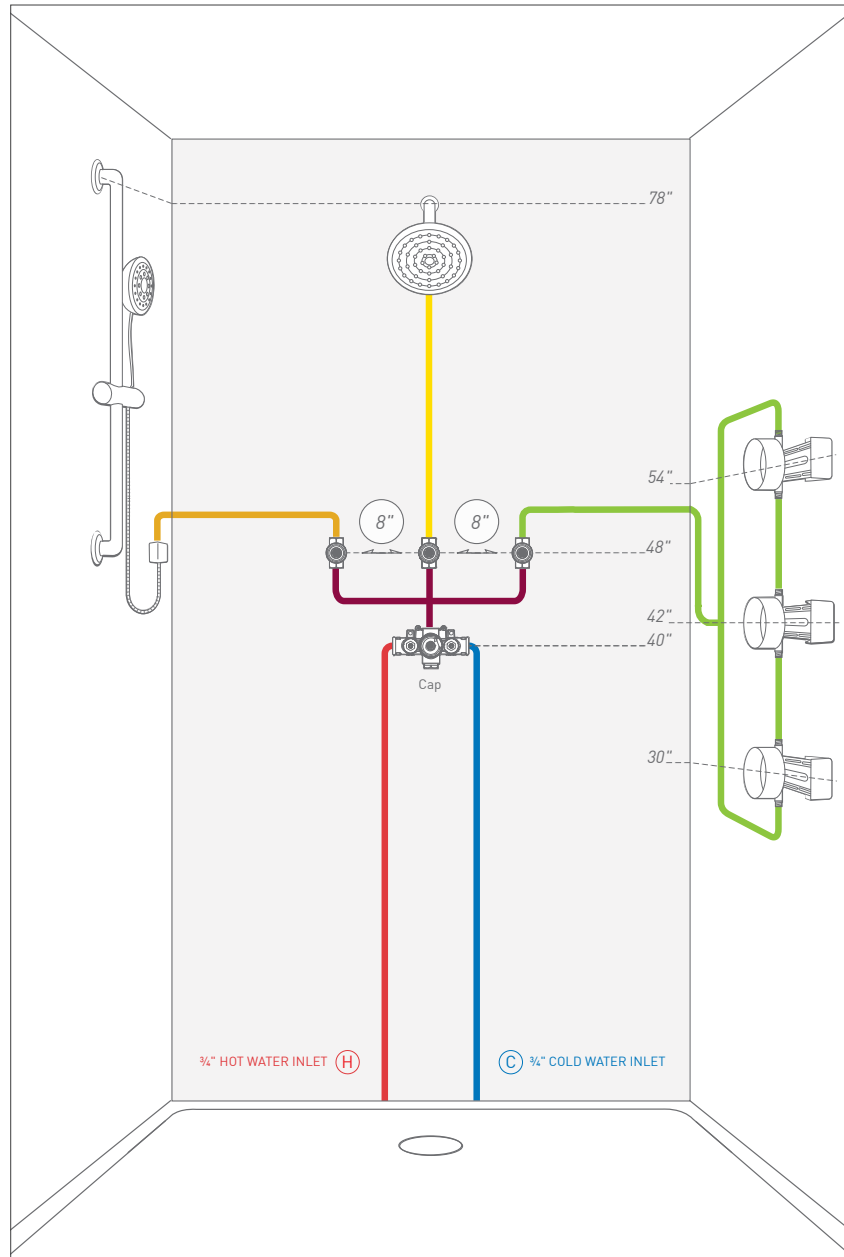


DIAGRAM NOTES

- Always use included plug for tub port when using ExactTemp 3/4" Valve (S3371) in a dream 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 require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of four body sprays on one volume control 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.

CONFIGURATION 7

ExactTemp $\frac{3}{4}$ " Mixing and Volume Control Valves

Three Showering Devices, Two Walls

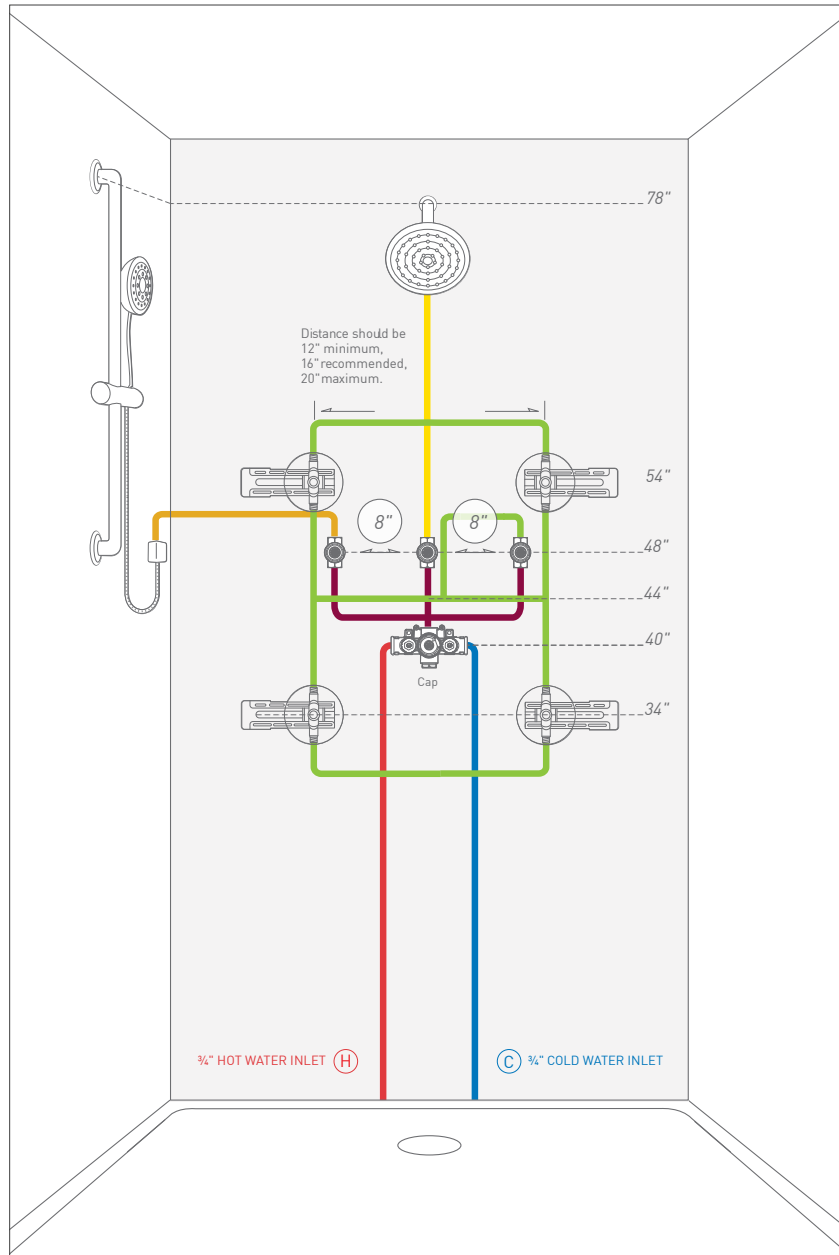
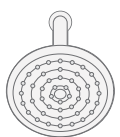


DIAGRAM NOTES

- Always use included plug for tub port when using ExactTemp $\frac{3}{4}$ " Valve (S3371) in a dream spa configuration
- Arrow on $\frac{3}{4}$ " 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 require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of four body sprays on one volume control valve)



Showerhead:
Arm and Flange



Handshower:
Drop Ell Sold
Separately



Multi-Function
Body Spray (4)



Volume Control
Trim (3)



ExactTemp Valve

EXACTTEMP® | DREAM SPA

CONFIGURATION 8

ExactTemp 3/4" Mixing and Volume Control Valves

Three Showering Devices, One Wall

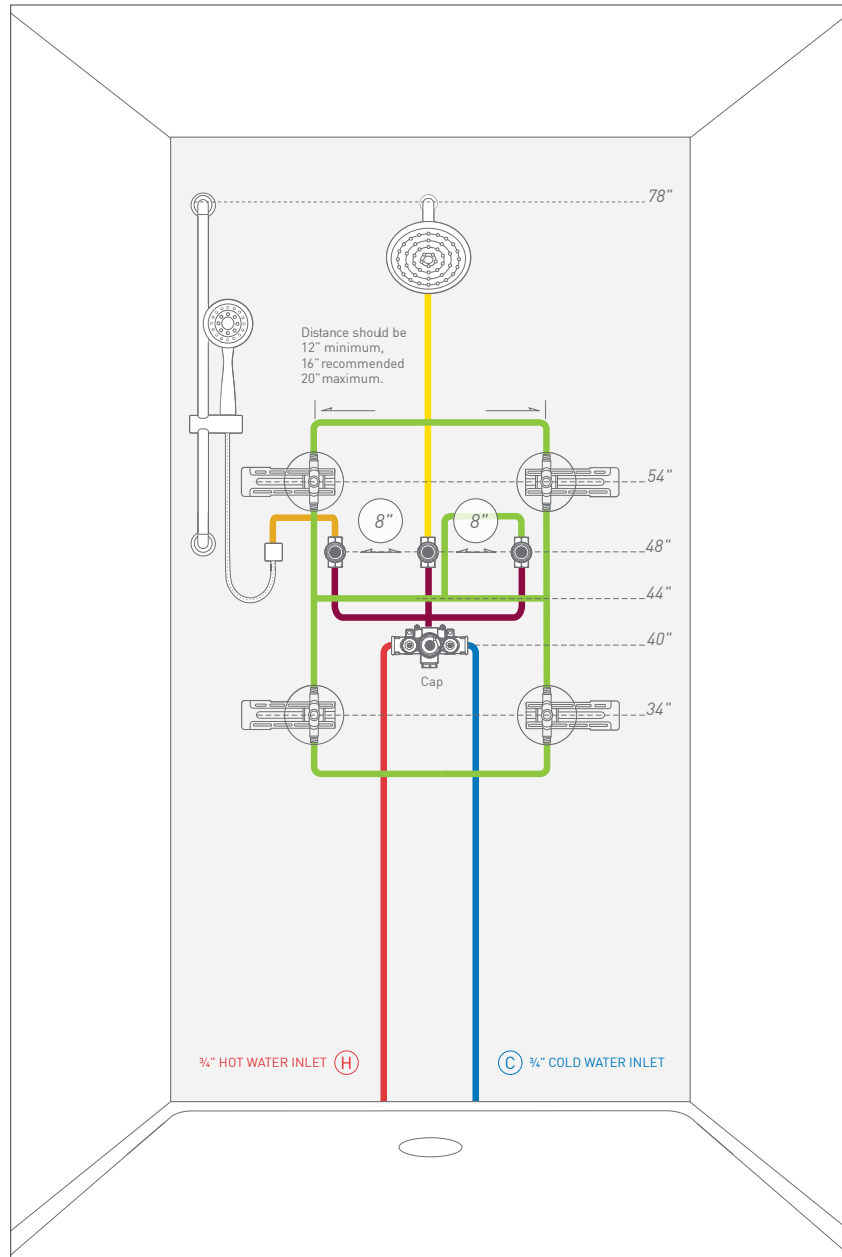


DIAGRAM NOTES

- Always use included plug for tub port when using ExactTemp 3/4" Valve (S3371) in a dream 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 require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of four body sprays on one volume control 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.

CONFIGURATION 9

ExactTemp 3/4" Mixing and Volume Control Valves

Three Showering Devices, One Wall and Ceiling

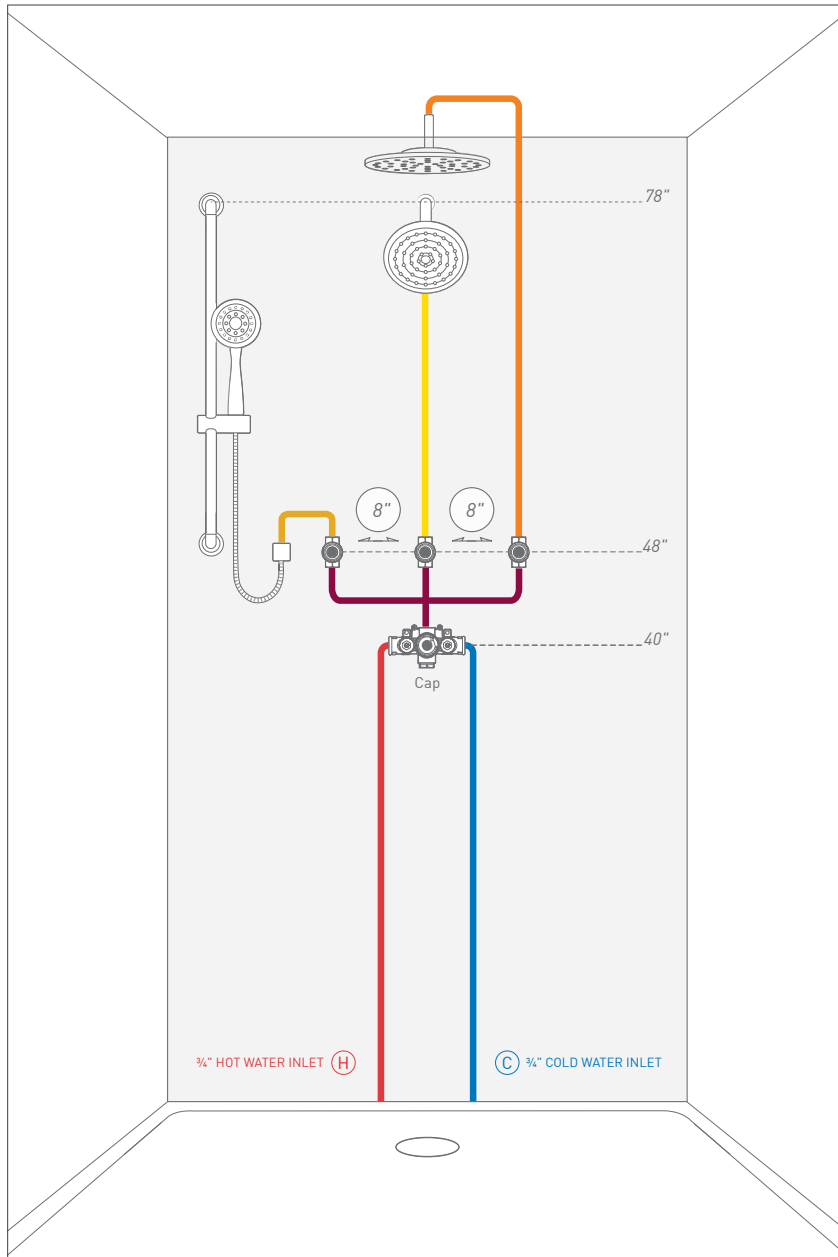
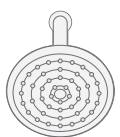


DIAGRAM NOTES

- Always use included plug for tub port when using ExactTemp 3/4" Valve (S3371) in a dream spa configuration
- Arrow on 3/4" volume control valve (S3600) should always point in direction of flow
- Primary showerhead
- Ceiling-mounted rainshower
- Moen® handshowers come with an integrated double check valve to prevent back-siphon



Showerhead;
Arm and Flange



Rainshower;
Arm and Flange



Handshower;
Drop Ell Sold
Separately



Volume Control
Trim (3)



ExactTemp Valve

EXACTTEMP® | DREAM SPA

CONFIGURATION 10

ExactTemp 3/4" Mixing and Volume Control Valves

Two Showering Devices, One Wall

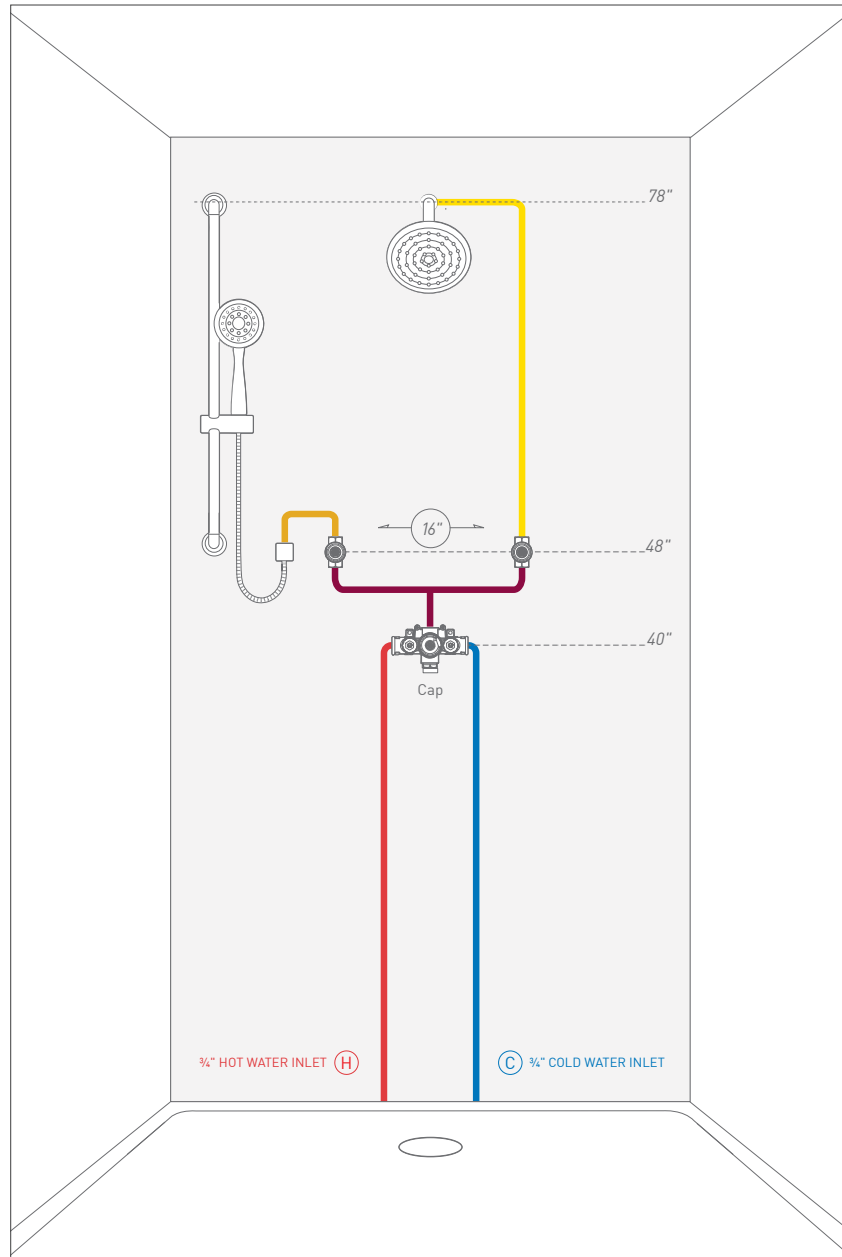
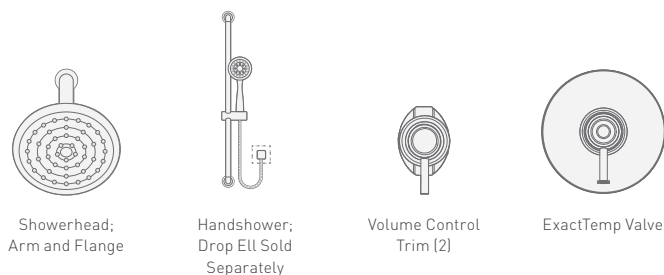


DIAGRAM NOTES

- Always use included plug for tub port when using ExactTemp 3/4" Valve (S3371) in a dream 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.

CONFIGURATION 11

ExactTemp 3/4" Mixing and Volume Control Valves with Optional Twin Ell Installation Two Showering Devices and Diverter Tub Spout, One Wall

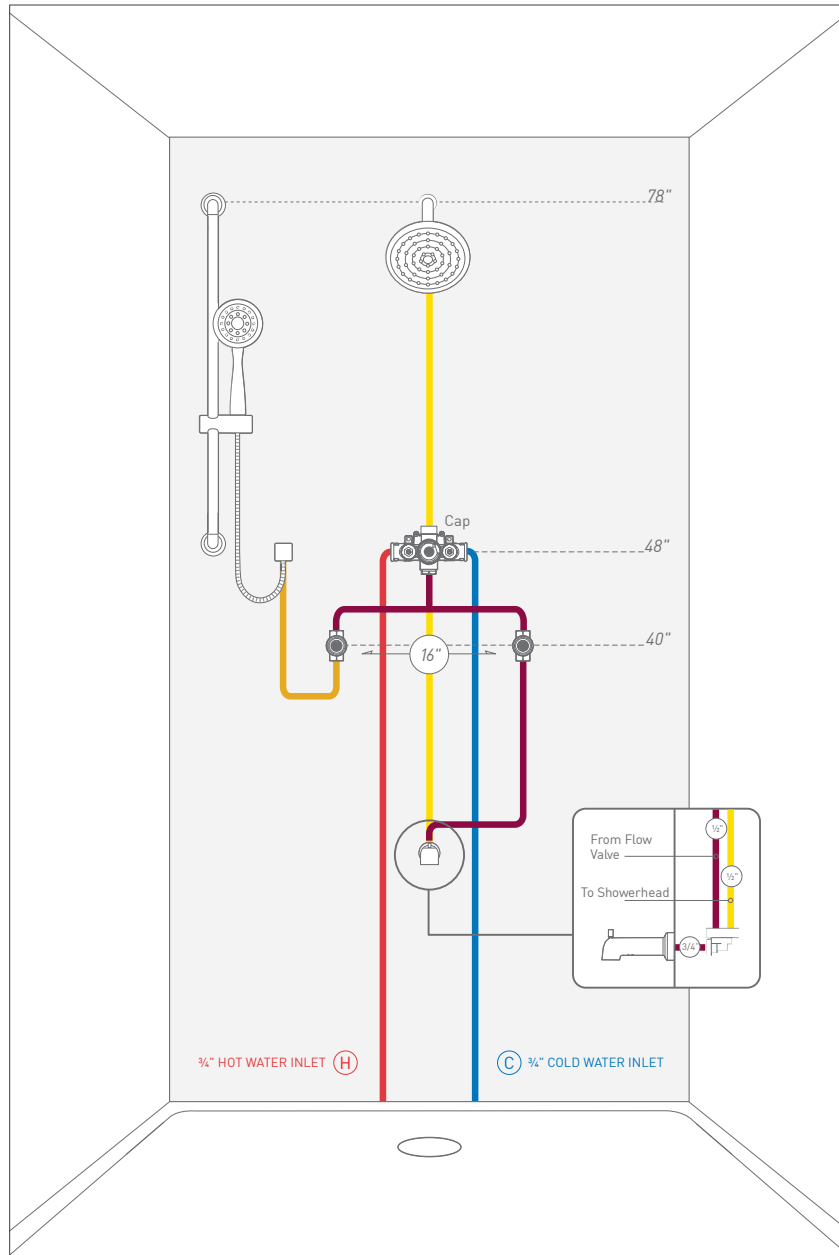


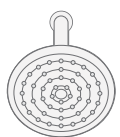
DIAGRAM NOTES

Mixing and Volume Control Valves

- Use included plug on the outlet shower port when using ExactTemp 3/4" Valve (S3371) in a dream spa configuration with a diverting tub spout.
- 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

Diverter Tub Spout

- When using a diverter tub spout with a 3/4" volume control valve (S3600), plumb the 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



Showerhead;
Arm and Flange



Handshower;
Drop Ell Sold
Separately



Diverter
Tub Spout



Volume Control
Trim [2]



ExactTemp Valve



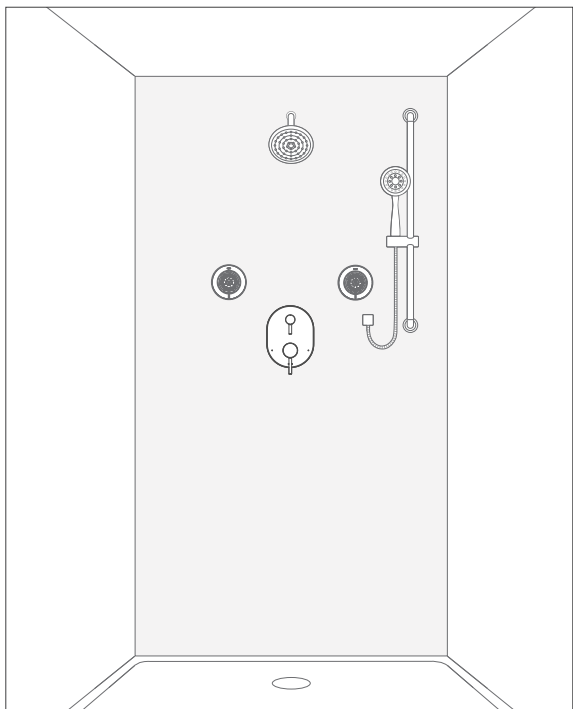
Shower Spa

Relaxing or invigorating. Surrounded by spray or focused on that one specific spot. Shower Spas open up your options and transfer your every day shower into a more personalized retreat.

*Cia™ M-CORE® 3-Series Shower-Only UT3362BL | Cia M-CORE Transfer Valve Trim UT4620BL
Slidebar with Handshower 3887EPBL | Drop Ell A725WR | Align® Single Robe Hook YB0403BL*



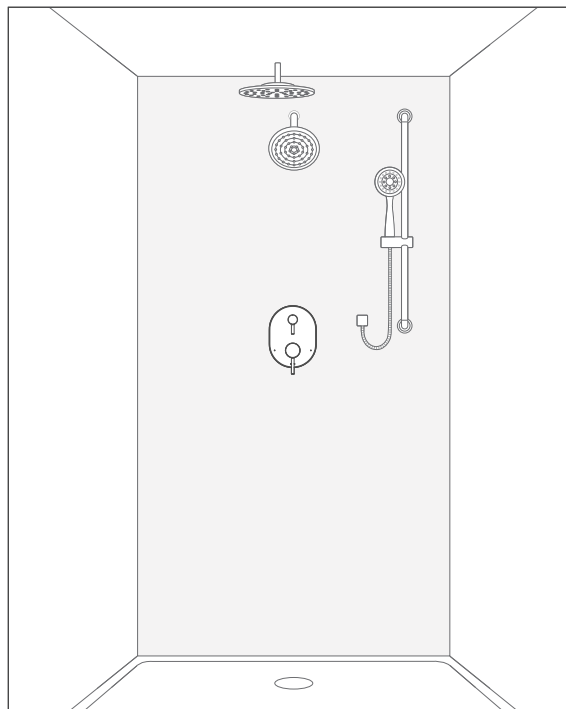
M-CORE® WITH INTEGRATED TRANSFER VALVE



CONFIGURATION 1

3 Showering Devices, 1 Wall

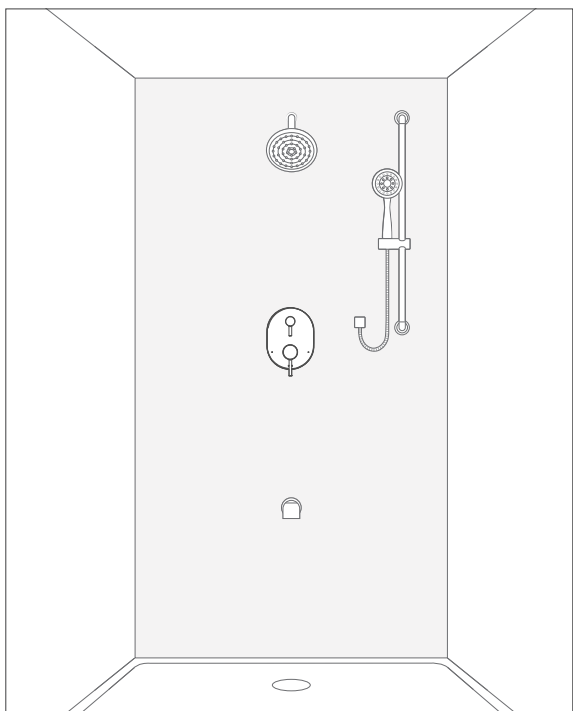
Installation diagram available on page 52



CONFIGURATION 2

3 Showering Devices, 1 Wall and Ceiling

Installation diagram available on page 53



CONFIGURATION 3

2 Showering Devices with Non-Diverter Tub Spout, 1 Wall

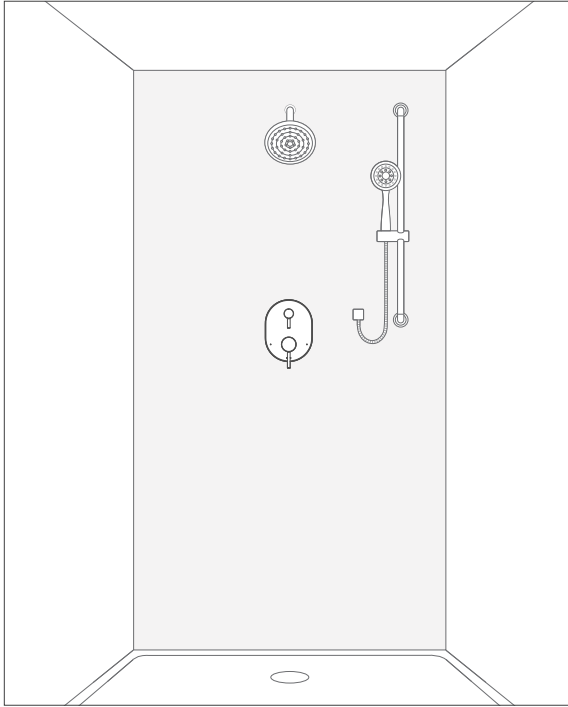
Installation diagram available on page 54



CONFIGURATION 4

2 Showering Devices, 1 Wall

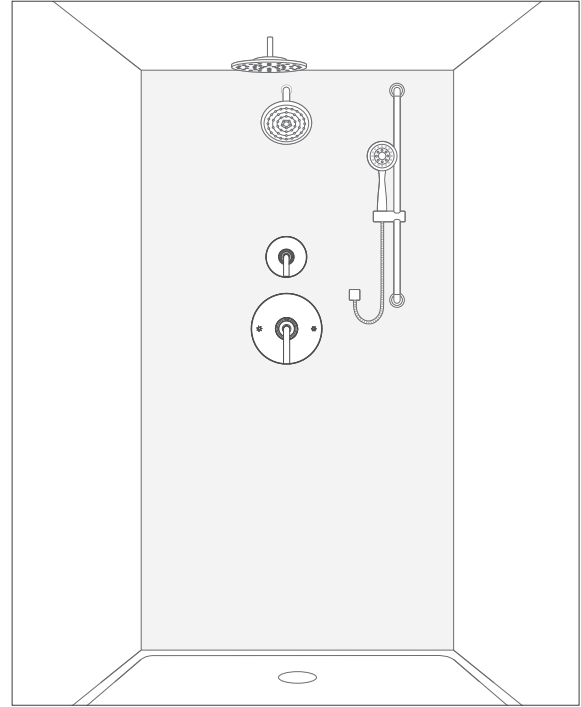
Installation diagram available on page 55



CONFIGURATION 5

2 Showering Devices, 1 Wall

Installation diagram available on page 56

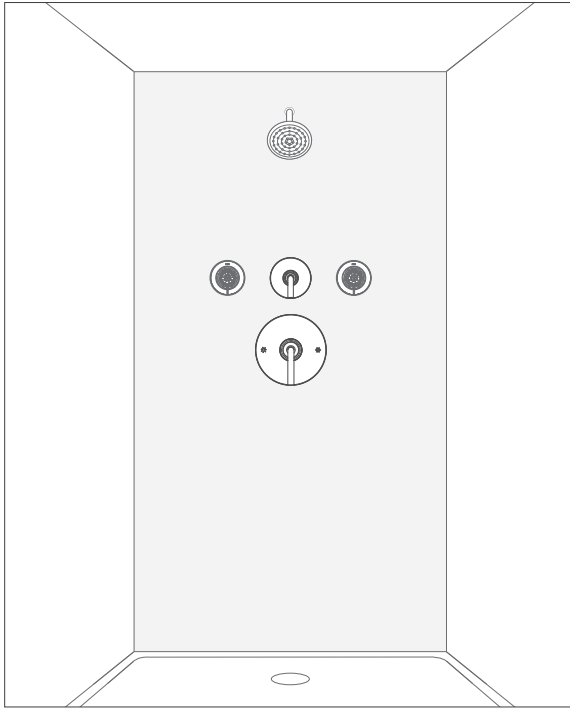


CONFIGURATION 6

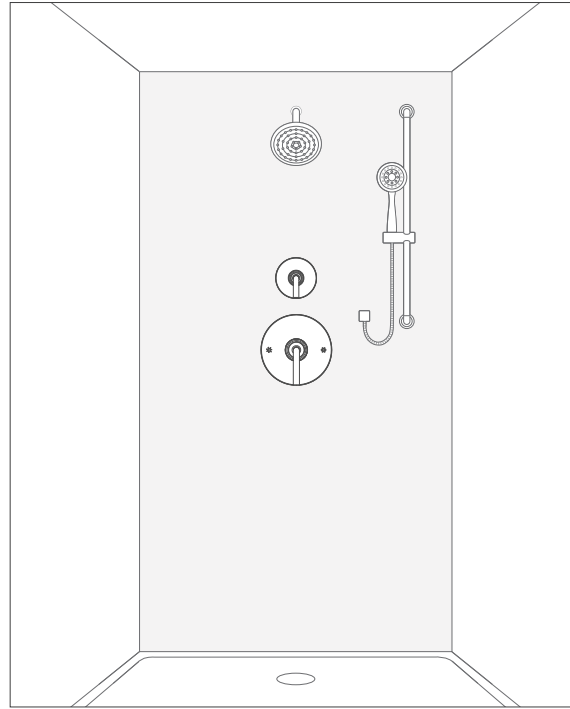
3 Showering Devices, 1 Wall and Ceiling

Installation diagram available on page 57

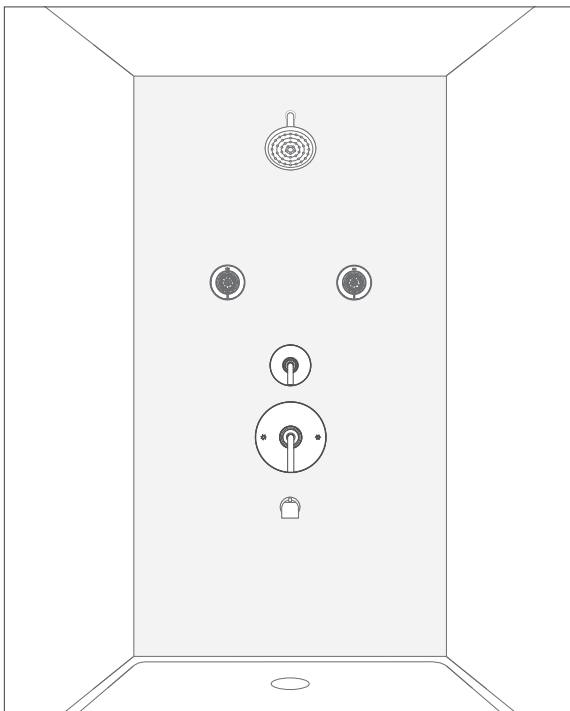
M-CORE® WITH M-CORE TRANSFER VALVE



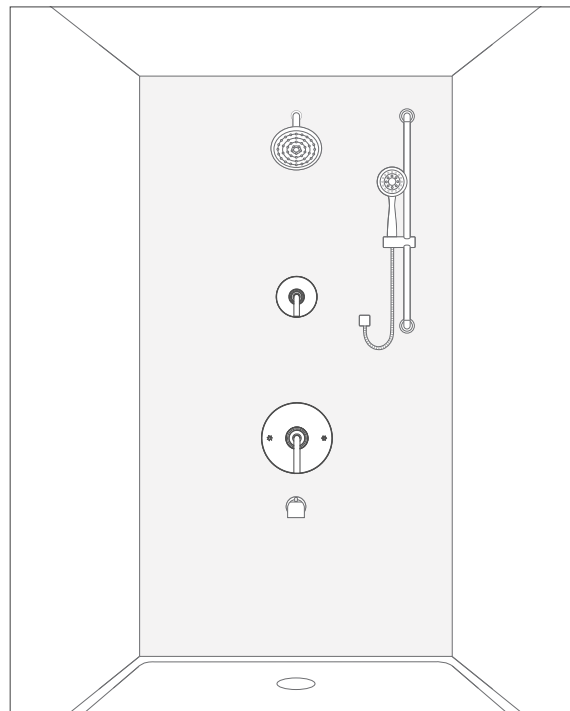
CONFIGURATION 7
2 Showering Devices, 1 Wall
Installation diagram available on page 58



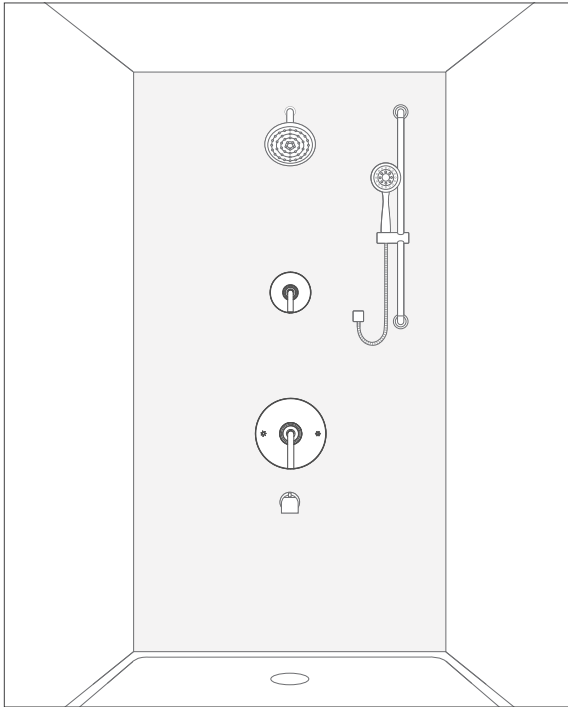
CONFIGURATION 8
2 Showering Devices, 1 Wall
Installation diagram available on page 59



CONFIGURATION 9
2 Showering Devices with Diverter Tub Spout 1 Wall
Installation diagram available on page 60



CONFIGURATION 10
2 Showering Devices with Diverter Tub Spout, 1 Wall
Installation diagram available on pages 61

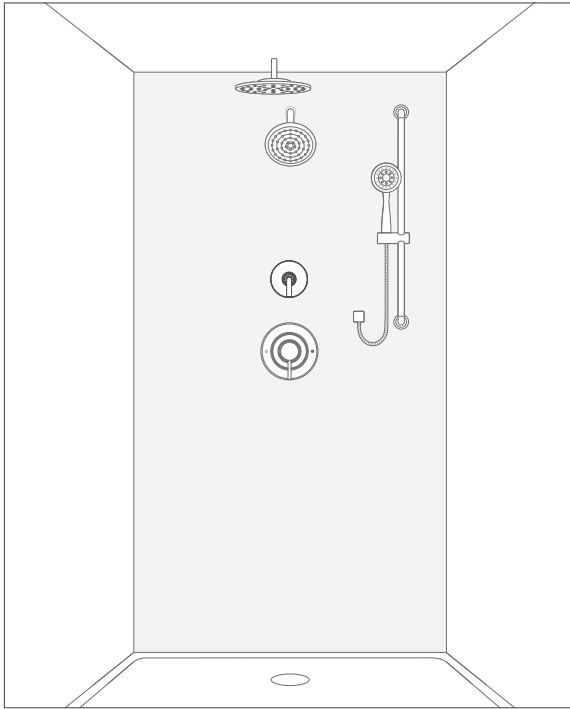


CONFIGURATION 11

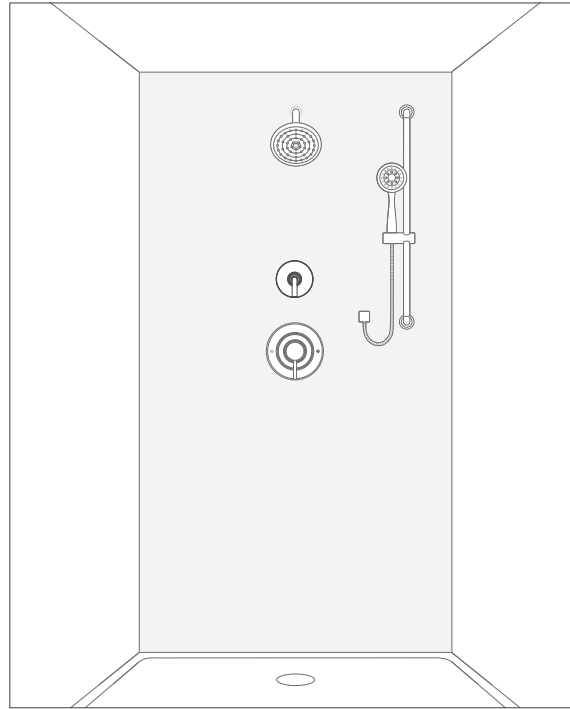
2 Showering Devices with Diverter Tub Spout, 1 Wall

Installation diagram available on page 62

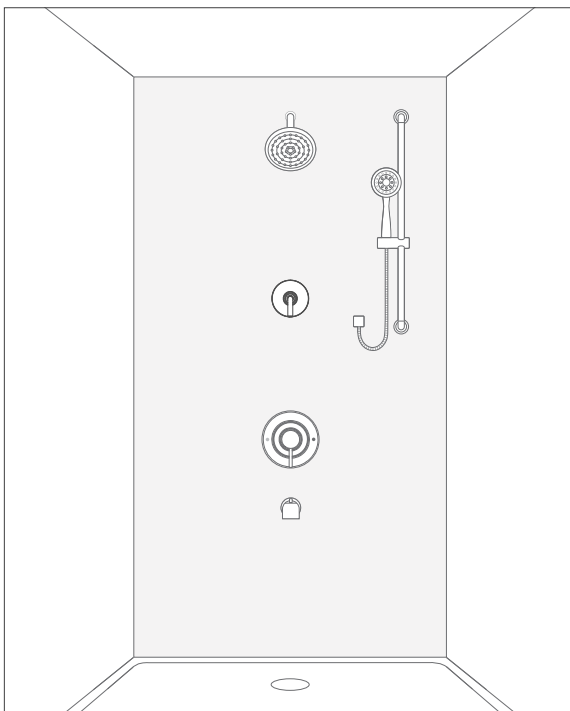
POSI-TEMP® WITH M-CORE® TRANSFER VALVE



CONFIGURATION 12
3 Showering Devices, 1 Wall and Ceiling
Installation diagram available on page 63

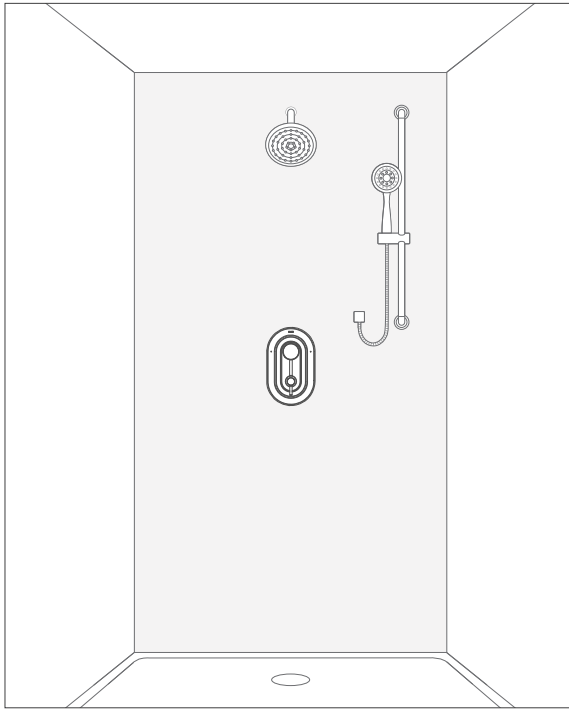


CONFIGURATION 13
2 Showering Devices, 1 Wall
Installation diagram available on page 64



CONFIGURATION 14
2 Showering Devices with Diverter Tub Spout, 1 Wall
Installation diagram available on page 65

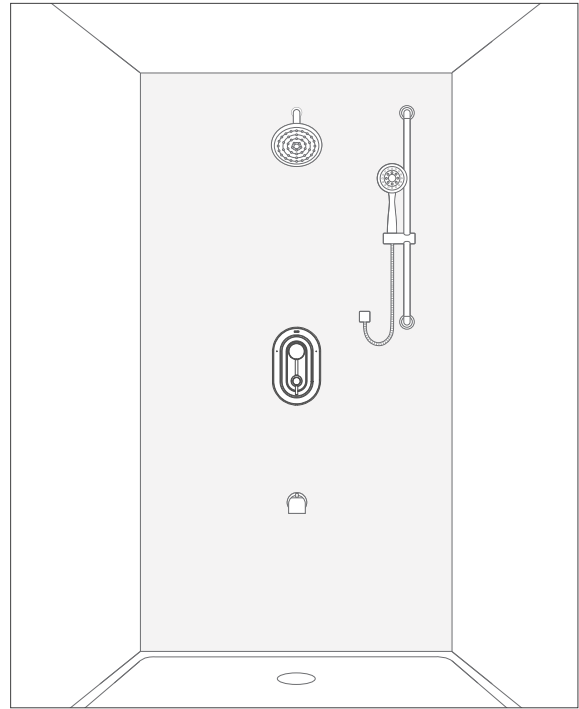
POSI-TEMP® WITH INTEGRATED TRANSFER VALVE



CONFIGURATION 15

2 Showering Devices, 1 Wall

Installation diagram available on page 66



CONFIGURATION 16

2 Showering Devices and Diverter Tub Spout, 1 Wall

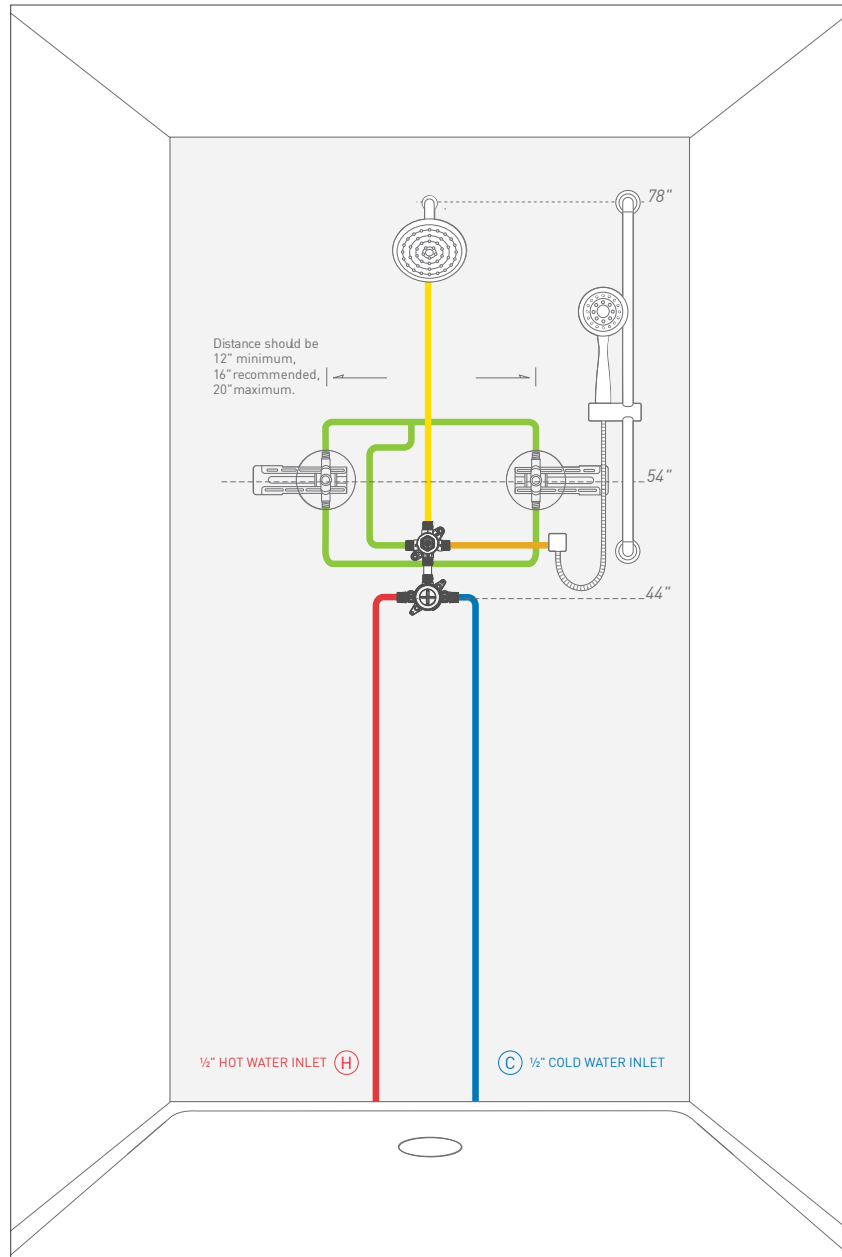
Installation diagram available on page 67

M-CORE® | SHOWER SPA

CONFIGURATION 1

M-CORE with Integrated Transfer Valve

Three Showering Devices, One Wall



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve top, mixing valve bottom:

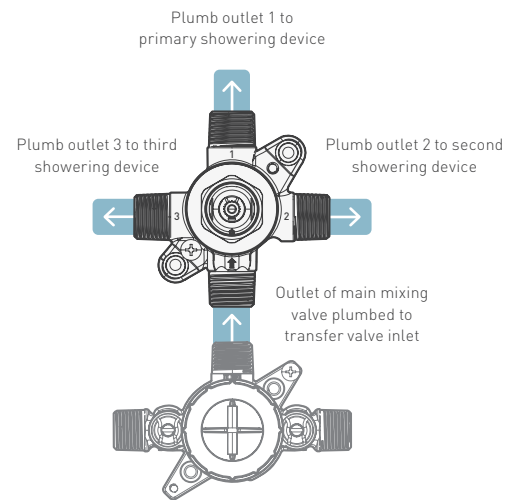
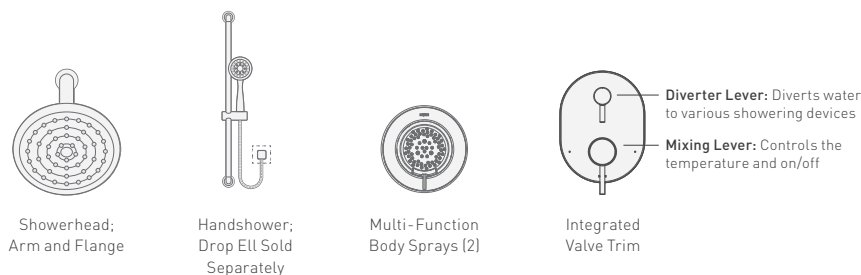


DIAGRAM NOTES

- Use the M-CORE U232 integrated transfer valve for three independent functions
- Use the M-CORE U362 integrated transfer valve for three independent/ three shared functions
- When plumbing the U362 valve to flow three shared showering devices, minimum 50 psi is recommended for optimum performance
- Primary showerhead
- Moen® handshowers come with an integrated double check valve to prevent back-siphon
- Body sprays require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of three body sprays on one outlet)

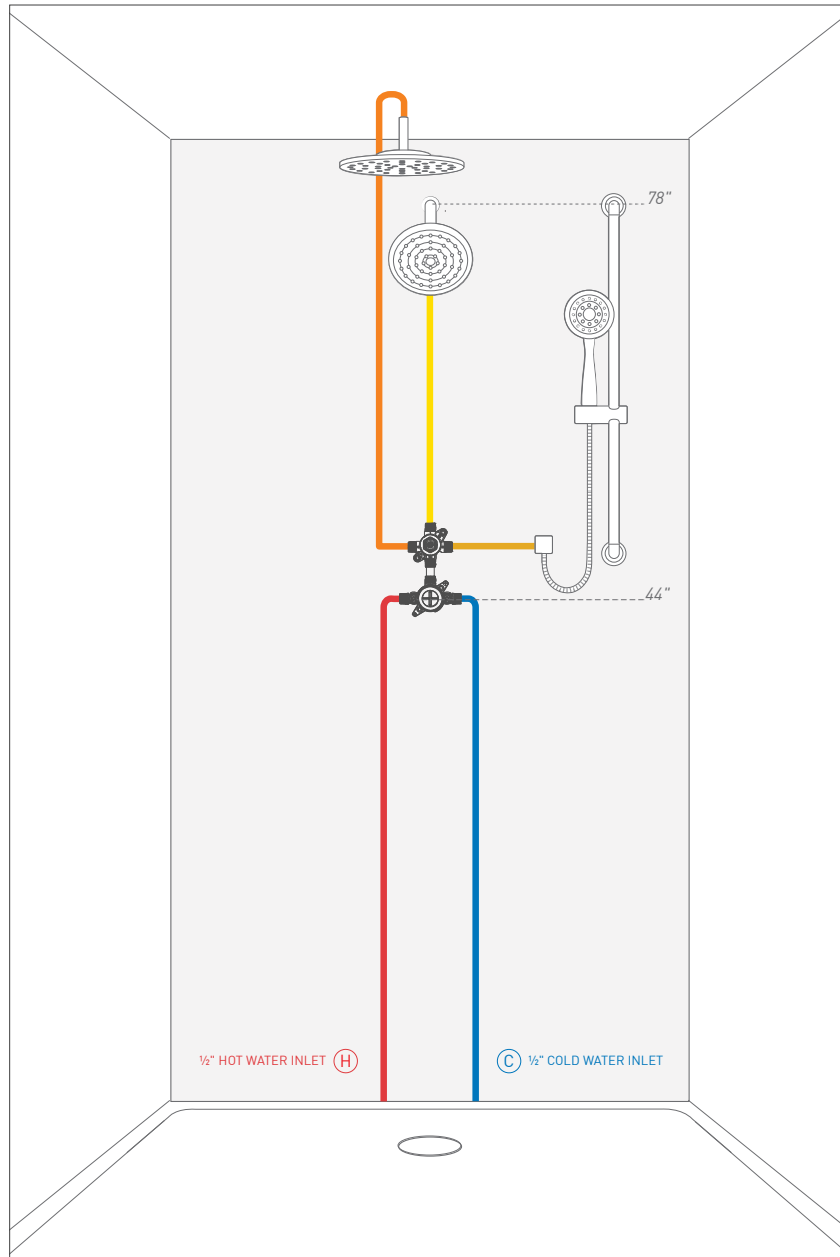


Shower spa trim is compatible with the M•PACT® Common Valve System. All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

CONFIGURATION 2

M-CORE with Integrated Transfer Valve

Three Showering Devices, One Wall and Ceiling



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve top, mixing valve bottom:

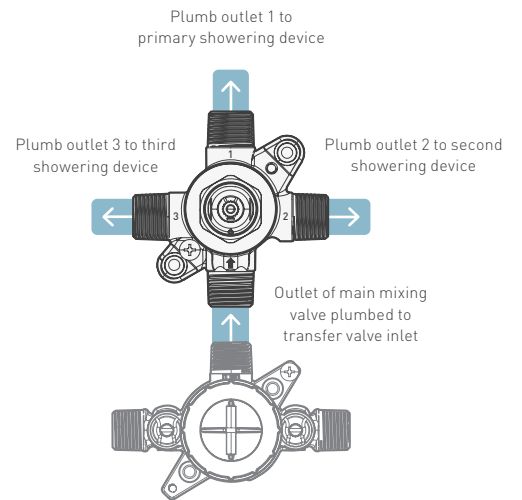
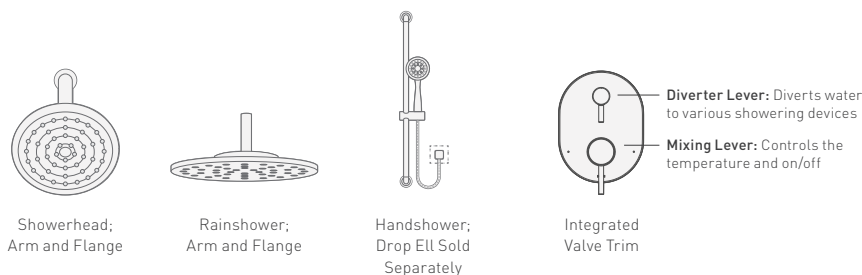


DIAGRAM NOTES

- Use the M-CORE U232 integrated transfer valve for three independent functions
- Use the M-CORE U362 integrated transfer valve for three independent/ three shared functions
- When plumbing the U362 valve to flow three shared showering devices, minimum 50 psi is recommended for optimum performance
- Primary showerhead
- Ceiling-mounted rainshower
- Moen handshowers come with an integrated double check valve to prevent back-siphon

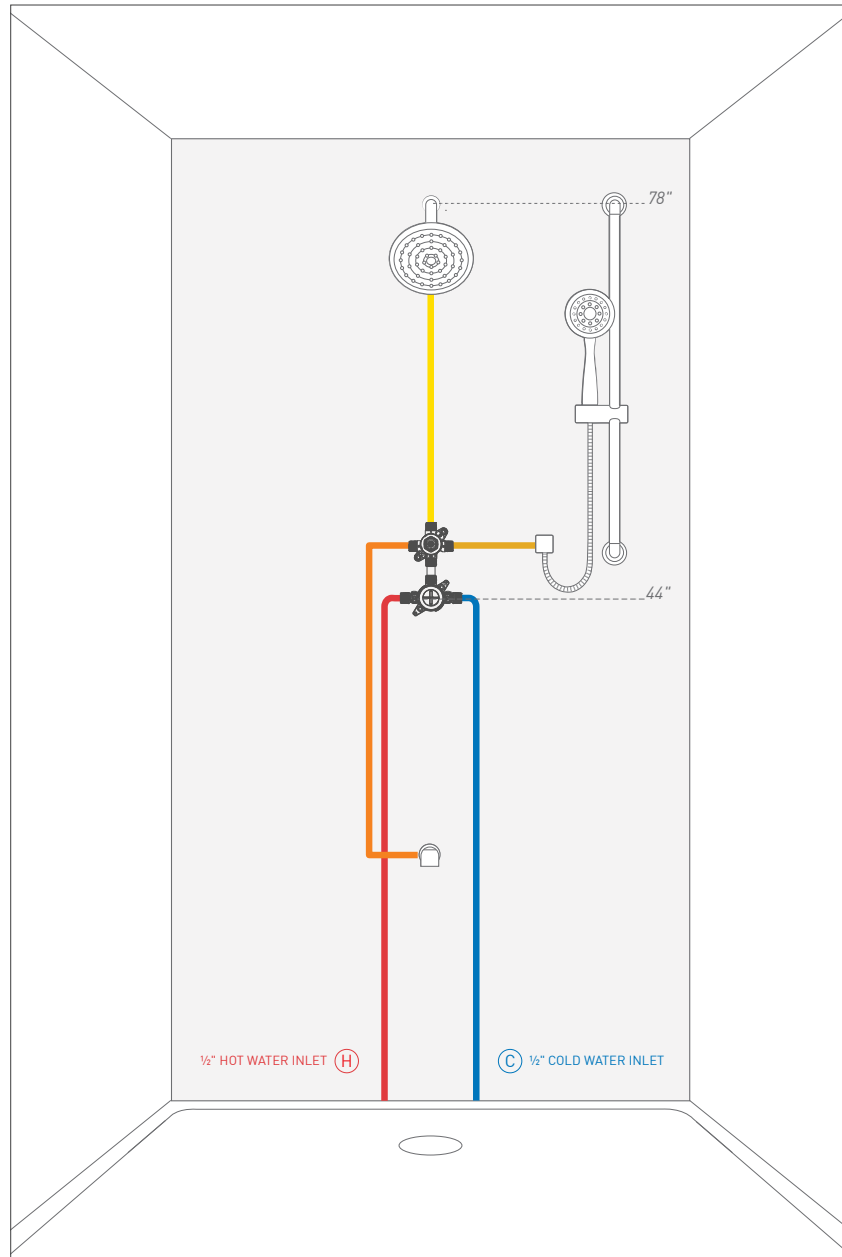


M-CORE® | SHOWER SPA

CONFIGURATION 3

M-CORE with Integrated Transfer Valve

Two Showering Devices and Non-Diverter Tub Spout, One Wall



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve top, mixing valve bottom:

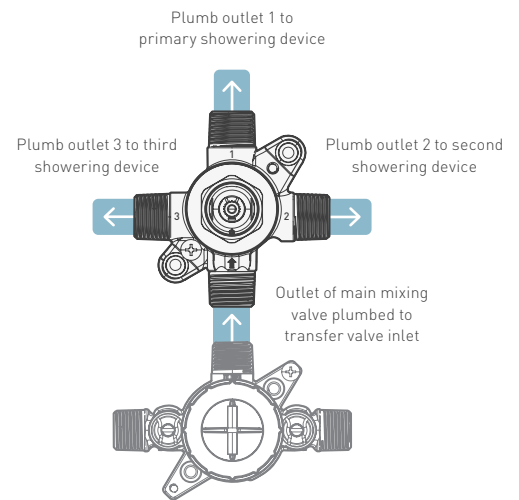
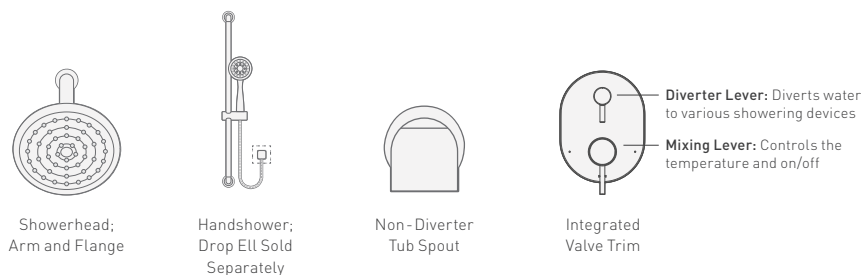


DIAGRAM NOTES

- Use the M-CORE U232 integrated transfer valve for three independent functions
- Primary showerhead
- Non-diverter tub spout
- Moen® handshowers come with an integrated double check valve to prevent back-siphon

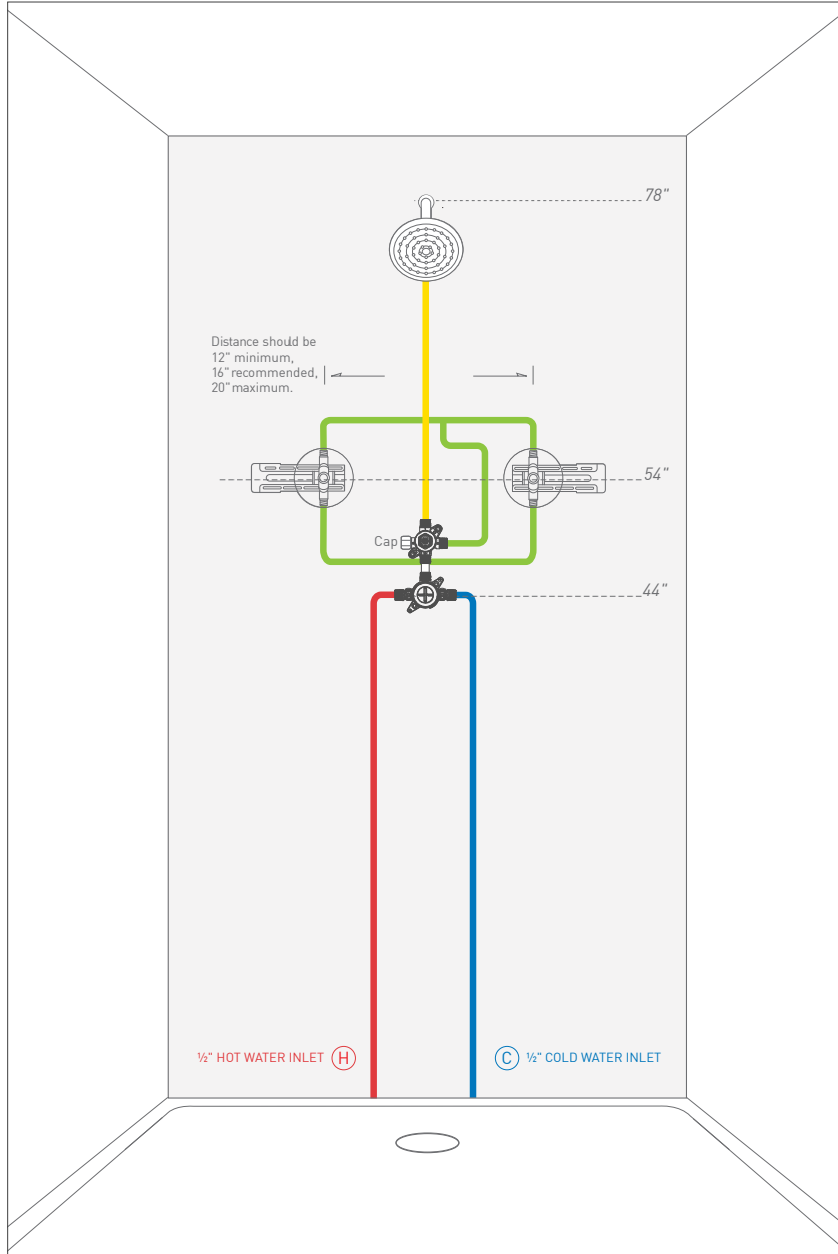


Shower spa trim is compatible with the M•PACT® Common Valve System. All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

CONFIGURATION 4

M-CORE with Integrated Transfer Valve

Two Showering Devices, One Wall



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve top, mixing valve bottom:

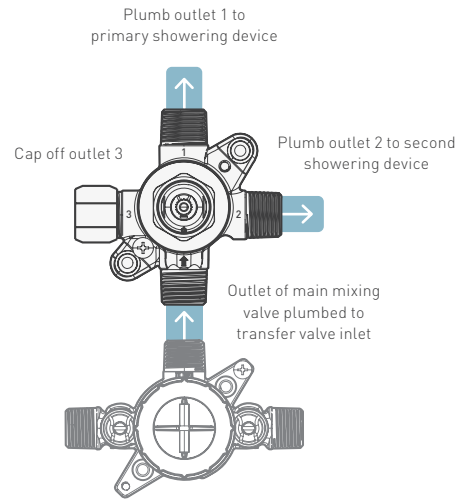
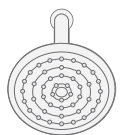


DIAGRAM NOTES

- Use the M-CORE U232 integrated transfer valve for two independent functions; cap off third outlet
- Use the M-CORE U362 integrated transfer valve for two independent and one shared function; cap off third outlet
- When plumbing the U362 valve to flow a showerhead and two body sprays for shared flow a minimum of 50 PSI is recommended
- Primary showerhead
- Body sprays require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of two plumbed to one transfer valve outlet)



Showerhead;
Arm and Flange



Multi-Function
Body Sprays [2]



Integrated
Valve Trim

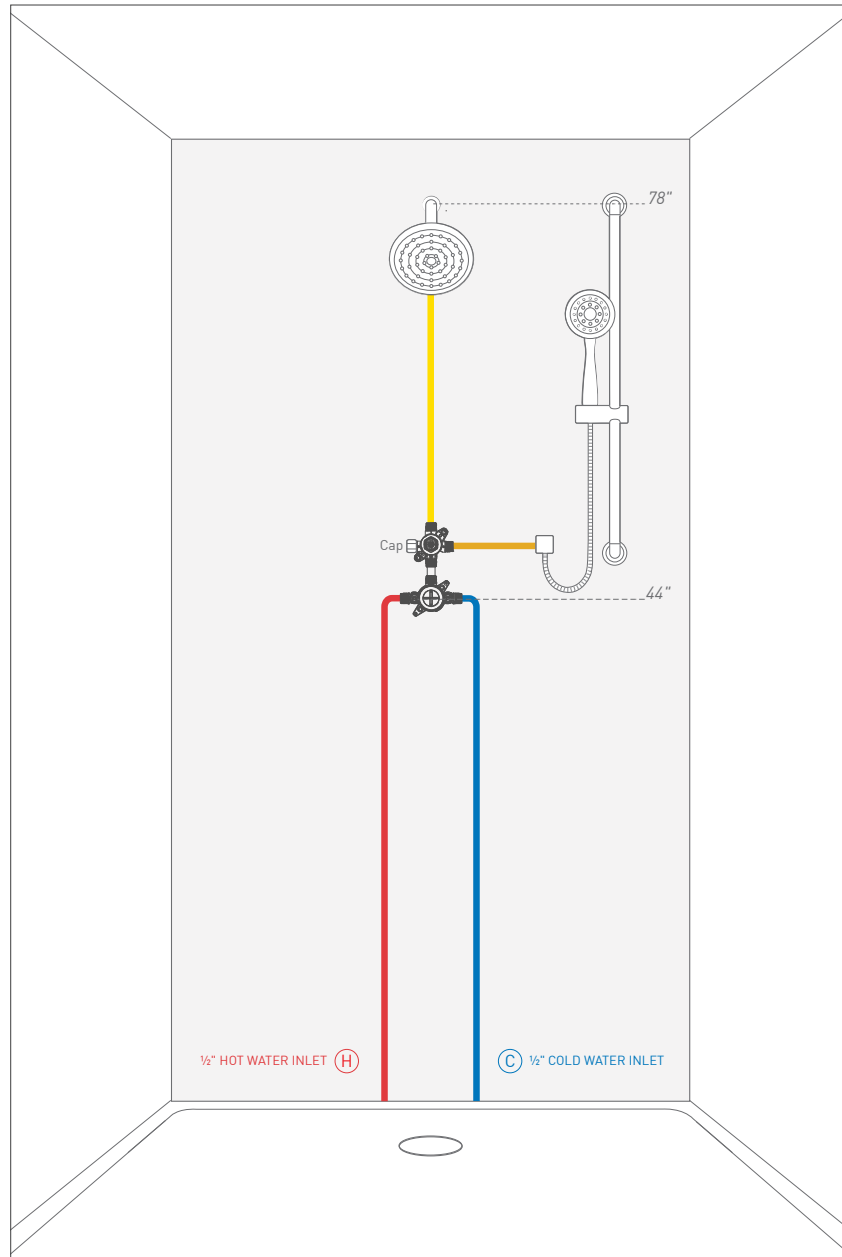
Diverter Lever: Diverts water to various showering devices
Mixing Lever: Controls the temperature and on/off

M-CORE® | SHOWER SPA

CONFIGURATION 5

M-CORE with Integrated Transfer Valve

Two Showering Devices, One Wall



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve top, mixing valve bottom:

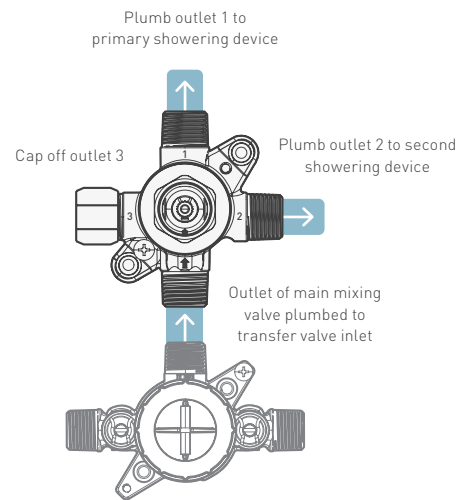
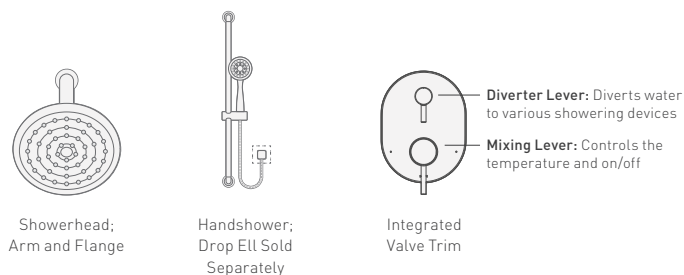


DIAGRAM NOTES

- Use the M-CORE U232 integrated transfer valve for two independent functions; cap off third outlet
- Use the M-CORE U362 integrated transfer valve for two independent functions and one shared function; cap off third outlet
- Primary showerhead
- Moen® handshowers come with an integrated double check valve to prevent back-siphon

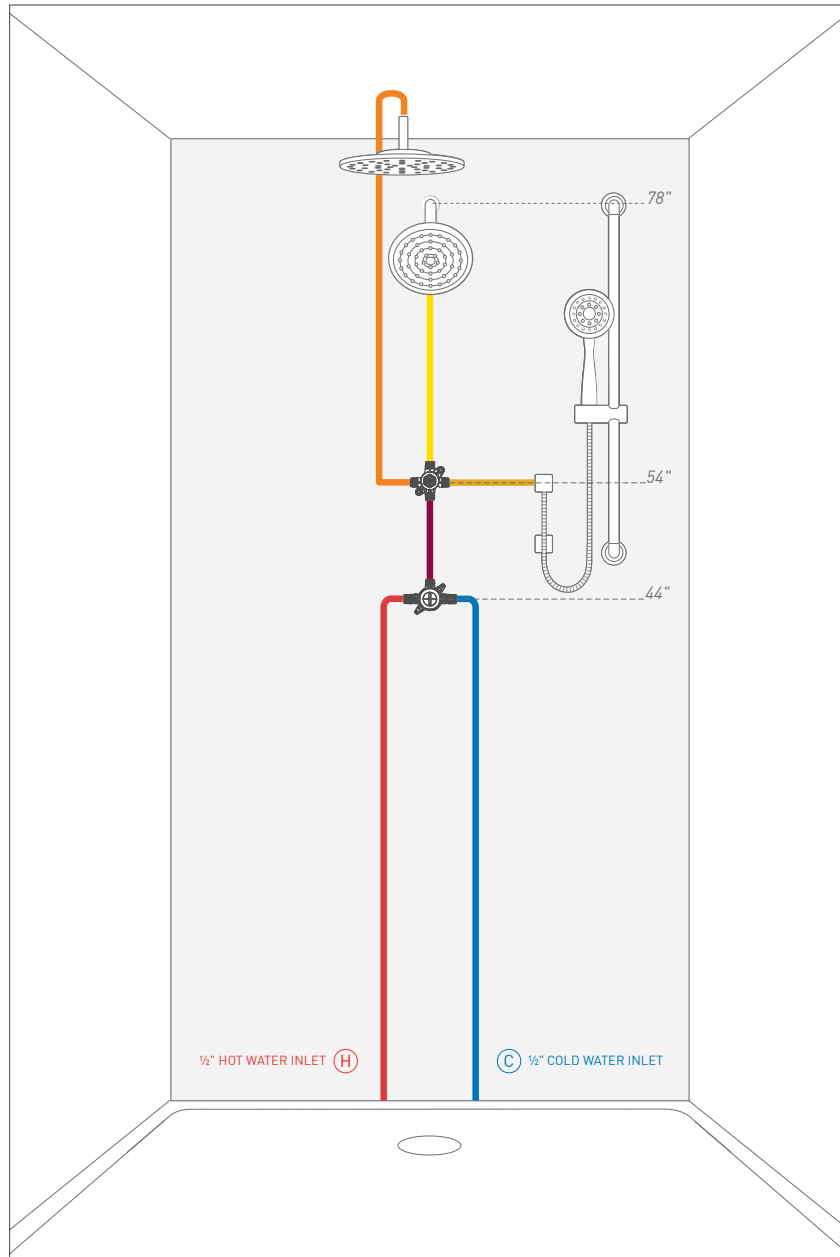


Shower spa trim is compatible with the M•PACT® Common Valve System. All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

CONFIGURATION 6

M-CORE Mixing Valve with M-CORE Transfer Valve

Three Showering Devices, One Wall and Ceiling



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:

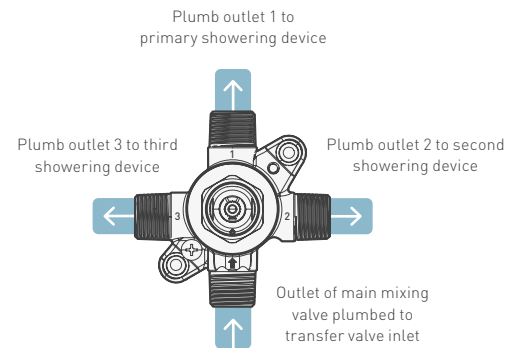


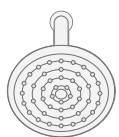
DIAGRAM NOTES

Mixing Valve

- M-CORE U130 (3-port) valves are recommended for shower-only applications (if U140 (4-port) valves are used in a shower-only application, then the tub port must be capped off)

Transfer Valve

- Use the M-CORE U231 transfer valve for three independent functions
- Use the M-CORE U361 transfer valve for three independent and three shared functions
- Primary showerhead
- Ceiling-mounted rainshower
- Moen handshowers come with an integrated double check valve to prevent back-siphon



Showerhead;
Arm and Flange



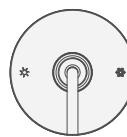
Rainshower;
Arm and Flange



Handshower;
Drop Ell Sold Separately



Transfer Valve Trim



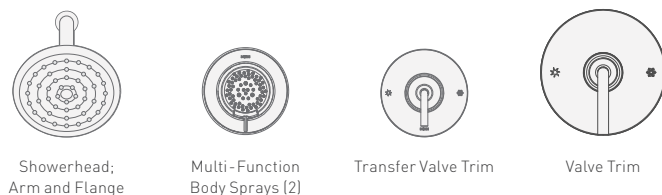
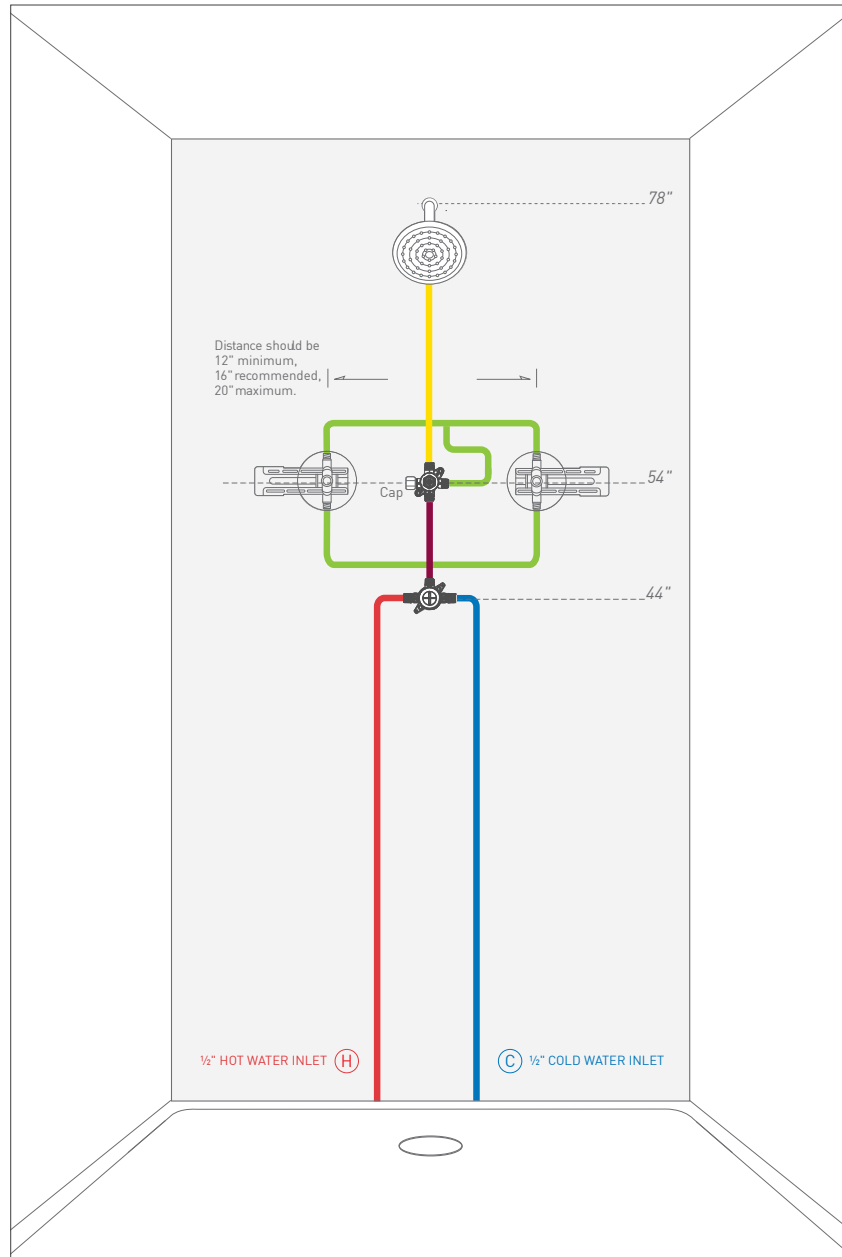
Valve Trim

M-CORE® | SHOWER SPA

CONFIGURATION 7

M-CORE Mixing Valve with M-CORE Transfer Valve

Two Showering Devices, One Wall



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.

IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:

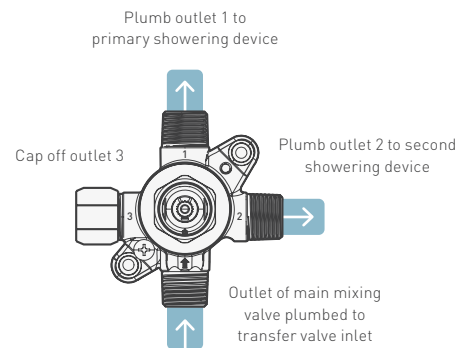


DIAGRAM NOTES

Mixing Valve

- M-CORE U130 (3-port) valves are recommended for shower-only applications (if U140 (4-port) valves are used in a shower-only application, then the tub port must be capped off)

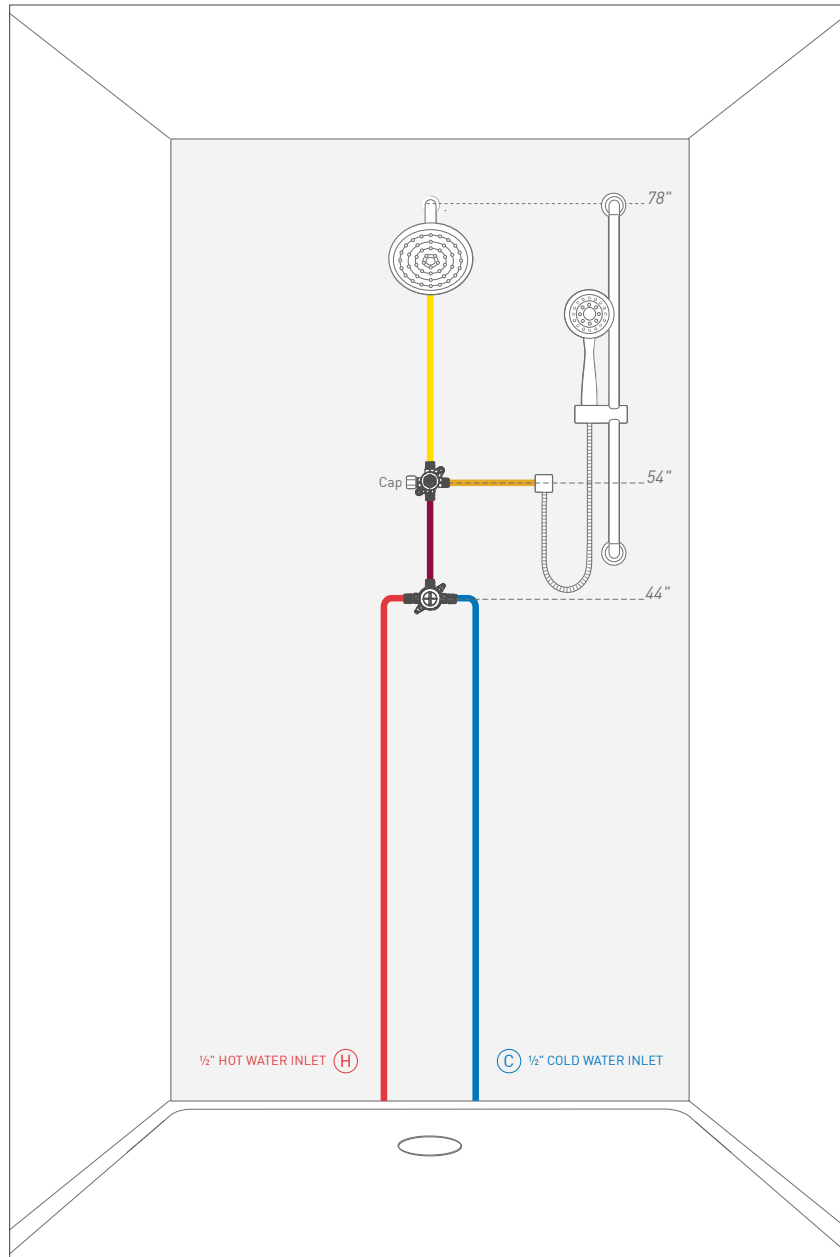
Transfer Valve

- Use the M-CORE U231 transfer valve for two independent functions; cap off third outlet
- Use the M-CORE U361 transfer valve for two independent and one shared functions; cap off third outlet
- When plumbing the U361 valve to flow a showerhead and two body sprays for shared flow a minimum of 50 PSI is recommended
- Primary showerhead
- Body sprays require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of two plumbed to one transfer valve outlet)

CONFIGURATION 8

M-CORE Mixing Valve with M-CORE Transfer Valve

Two Showering Devices, One Wall



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:

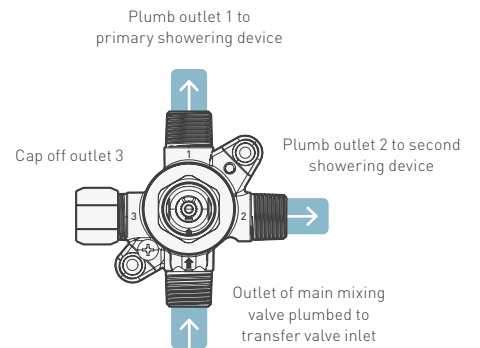


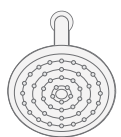
DIAGRAM NOTES

Mixing Valve

- M-CORE U130 (3-port) valves are recommended for shower-only applications (if U140 (4-port) valves are used in a shower-only application, then the tub port must be capped off)

Transfer Valve

- Use the M-CORE U231 transfer valve for two independent functions; cap off third outlet
- Use the M-CORE U361 transfer valve for two independent and one shared functions; cap off third outlet
- Primary showerhead
- Moen® handshower comes with an integrated double check valve to prevent back-siphon



Showerhead;
Arm and Flange



Handshower;
Drop Ell Sold
Separately



Transfer Valve Trim



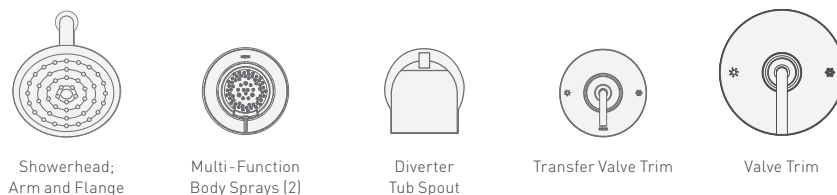
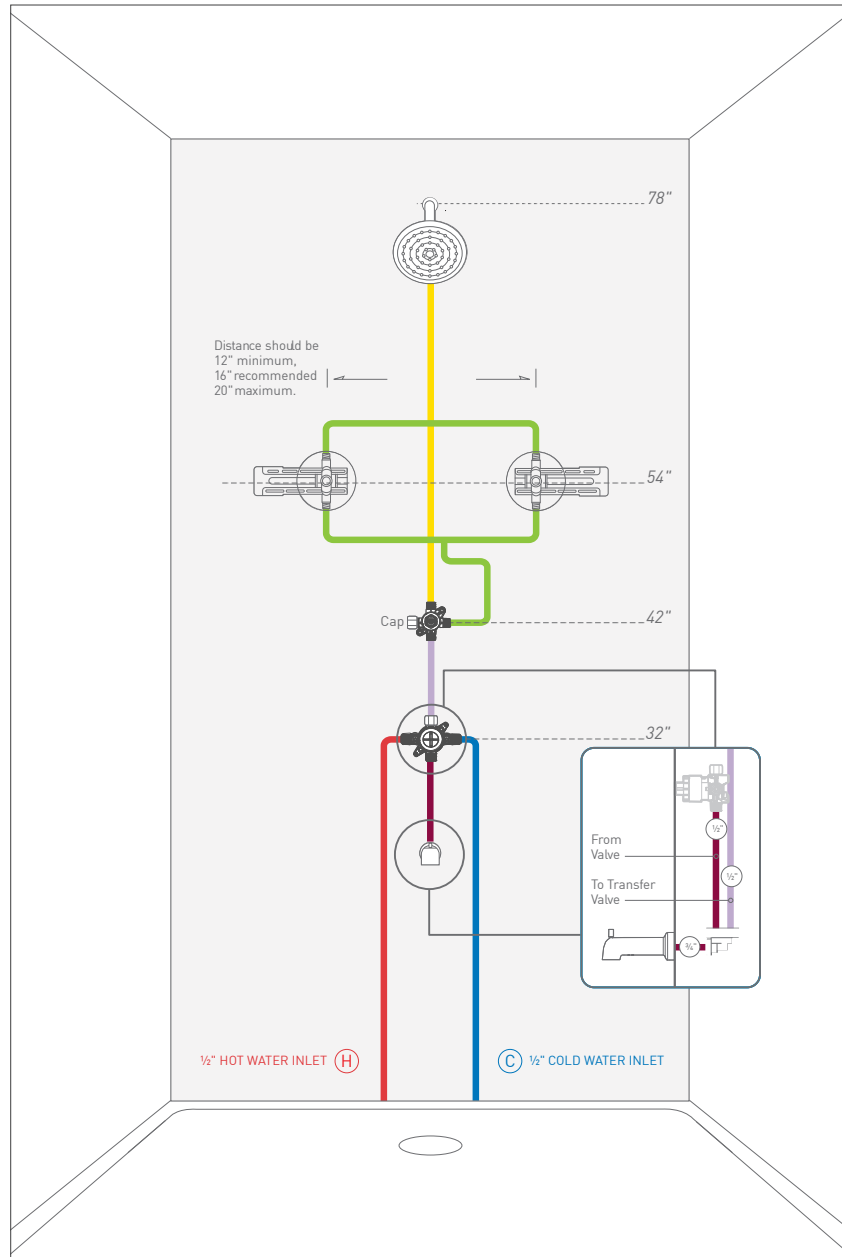
Valve Trim

M-CORE® | SHOWER SPA

CONFIGURATION 9

M-CORE Mixing Valve with M-CORE Transfer Valve with Optional Twin Ell Installation

Two Showering Devices and Diverter Tub Spout, One Wall



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.

IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:

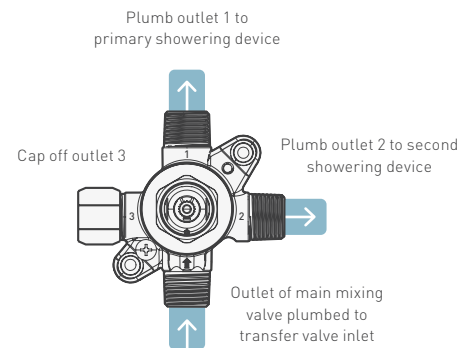


DIAGRAM NOTES

Mixing Valve

- M-CORE U140 (4-port) valves are used in tub/shower applications
- Shower port must be capped

Transfer Valve

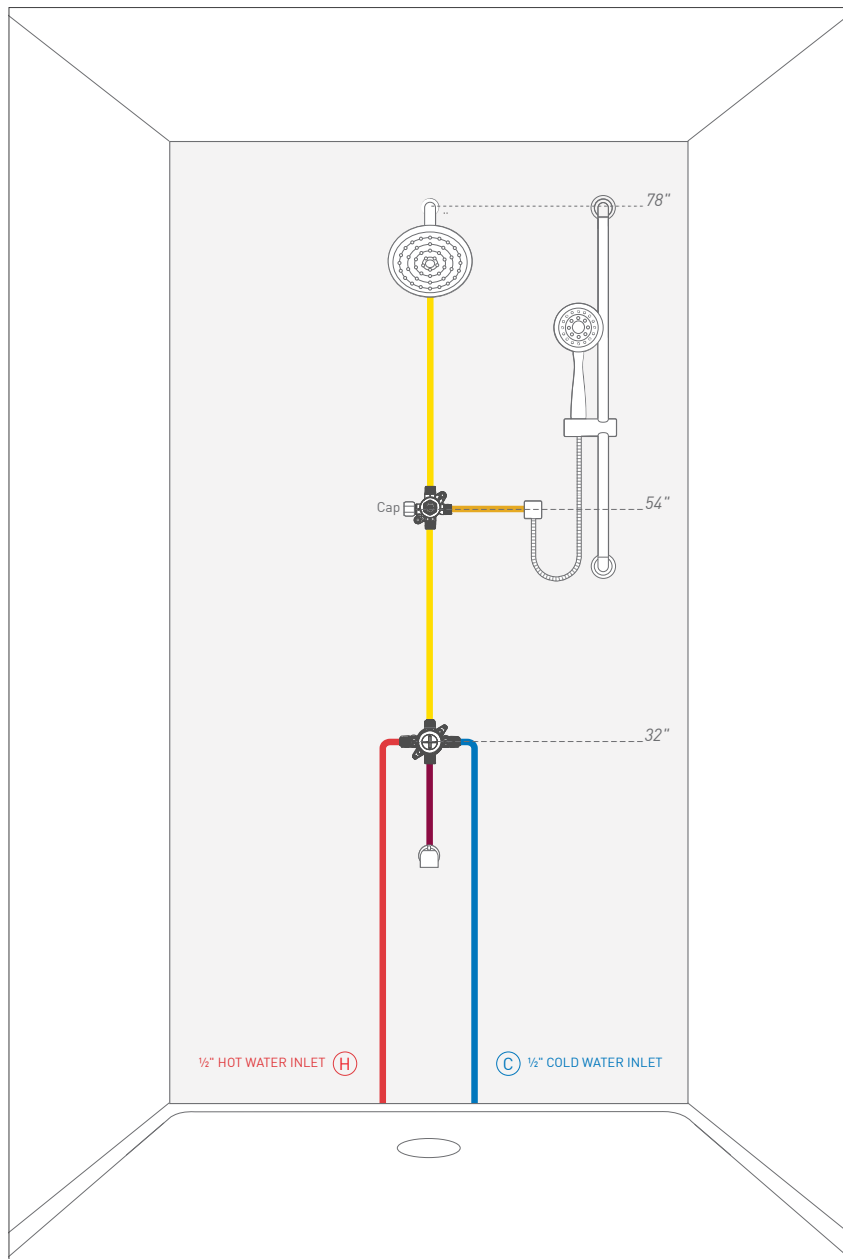
- Use the M-CORE U231 transfer valve for two independent functions
- Use the M-CORE U361 transfer valve for two independent and one shared function
- When plumbing the U361 valve to flow a showerhead and two body sprays for shared flow a minimum of 50 PSI is recommended
- Primary showerhead
- Body sprays require a pressure-balancing loop to allow for an equal supply of water to each body spray (maximum of two plumbed to one transfer valve outlet)

Tub Spout

- When using a diverter tub spout, plumb the mixing valve outlet to the twin ell, front-vertical outlet
- Plumb the twin ell, rear-vertical outlet at the transfer valve inlet
- Plumb the twin ell, front-horizontal outlet to the diverting tub spout

CONFIGURATION 10

M-CORE Mixing Valve with M-CORE Transfer Valve
Two Showering Devices and Diverter Tub Spout, One Wall



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:

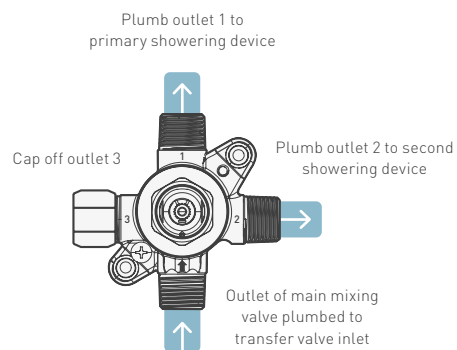


DIAGRAM NOTES

Mixing Valve

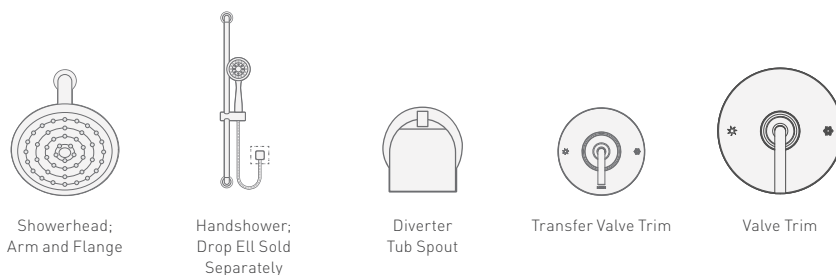
- M-CORE U140 (4-port) valves are used in tub/shower applications

Transfer Valve

- Use the M-CORE U231 transfer valve for two independent functions
- Use the M-CORE U361 transfer valve for two independent and one shared function
- Primary showerhead
- Moen® handshowers come with an integrated double check valve to prevent back-siphon

Tub Spout

- When using a diverter tub spout, plumb directly to the mixing valve

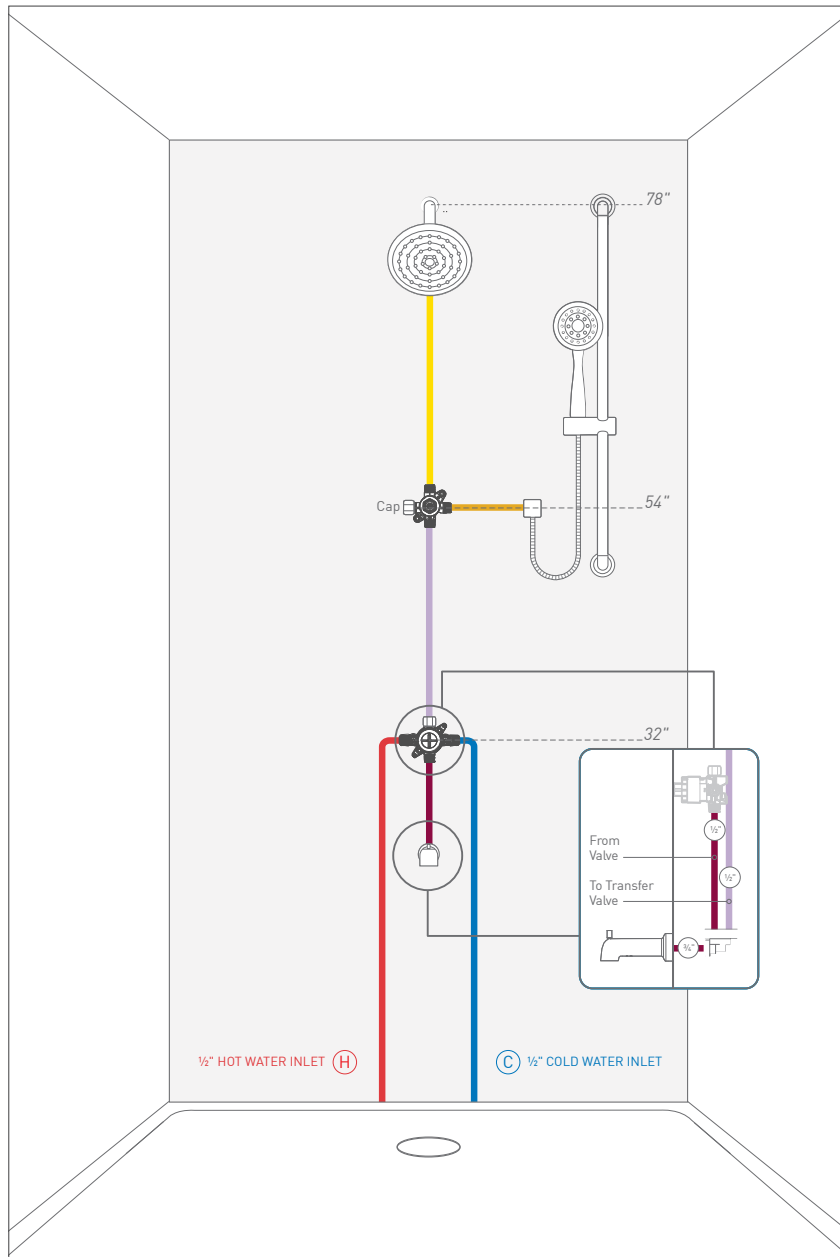


M-CORE® | SHOWER SPA

CONFIGURATION 11

M-CORE Mixing Valve with M-CORE Transfer Valve with Optional Twin Ell Installation

Two Showering Devices and Diverter Tub Spout, One Wall



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:

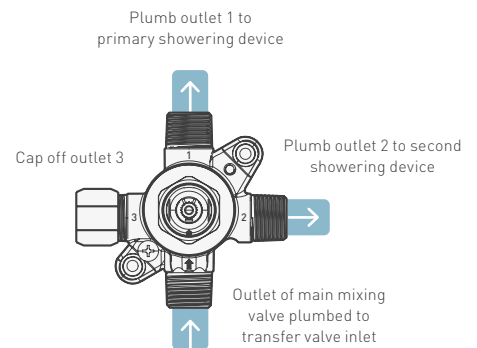


DIAGRAM NOTES

Mixing Valve

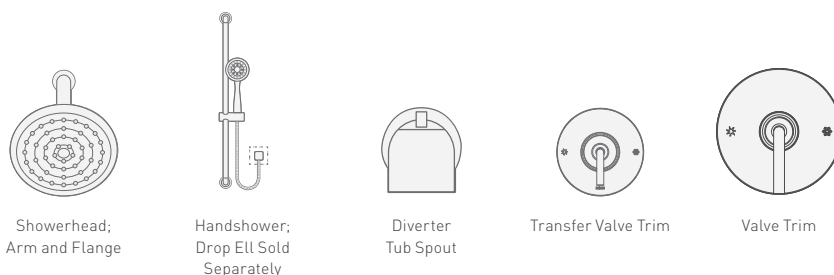
- M-CORE U140 (3-port) valves are used in tub/shower applications
- Shower port must be capped

Transfer Valve

- Use the M-CORE U231 transfer valve for two independent functions
- Use the M-CORE U361 transfer valve for two independent and one shared function
- 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 mixing valve outlet to the twin ell, front-vertical outlet
- Plumb the twin ell, rear-vertical outlet at the transfer valve inlet
- Plumb the twin ell, front-horizontal outlet to the diverting tub spout



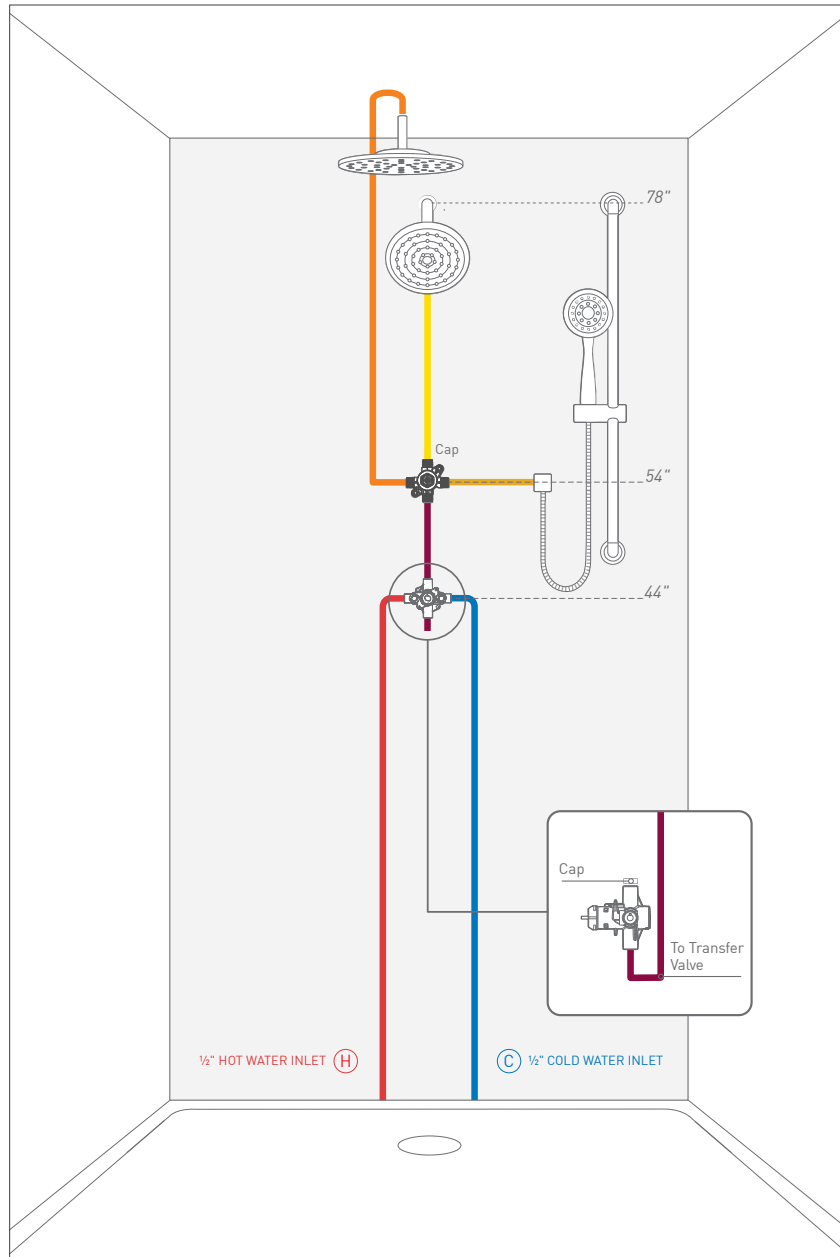
Shower spa trim is compatible with the M•PACT® Common Valve System. All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

POSI-TEMP® AND M-CORE® | SHOWER SPA

CONFIGURATION 12

Posi-Temp Mixing Valve with M-CORE Transfer Valve

Three Showering Devices, One Wall and Ceiling



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:

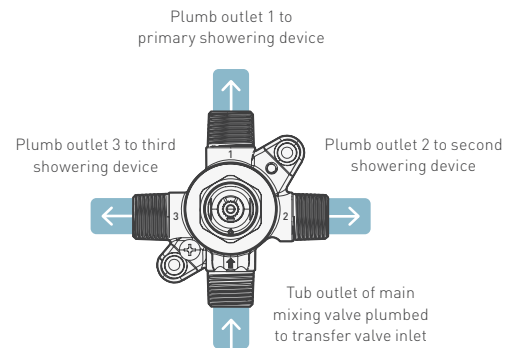


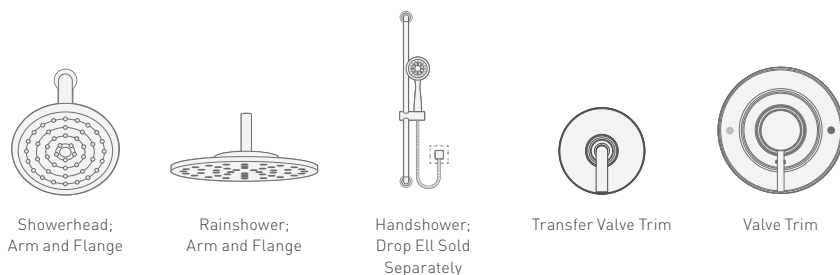
DIAGRAM NOTES

Mixing Valve

- Posi-Temp port valves for shower-only applications
- If using Posi-Temp 4-port valve for shower-only application, then the shower port must be capped; tub port will supply water to transfer valve

Transfer Valve

- Use the M-CORE U231 transfer valve for three independent functions
- Use the M-CORE U361 transfer valve for three independent and three shared functions
- Primary showerhead
- Ceiling-mounted rainshower
- Moen handshowers come with an integrated double check valve to prevent back-siphon



Showerhead; Arm and Flange

Rainshower; Arm and Flange

Handshower; Drop Ell Sold Separately

Transfer Valve Trim

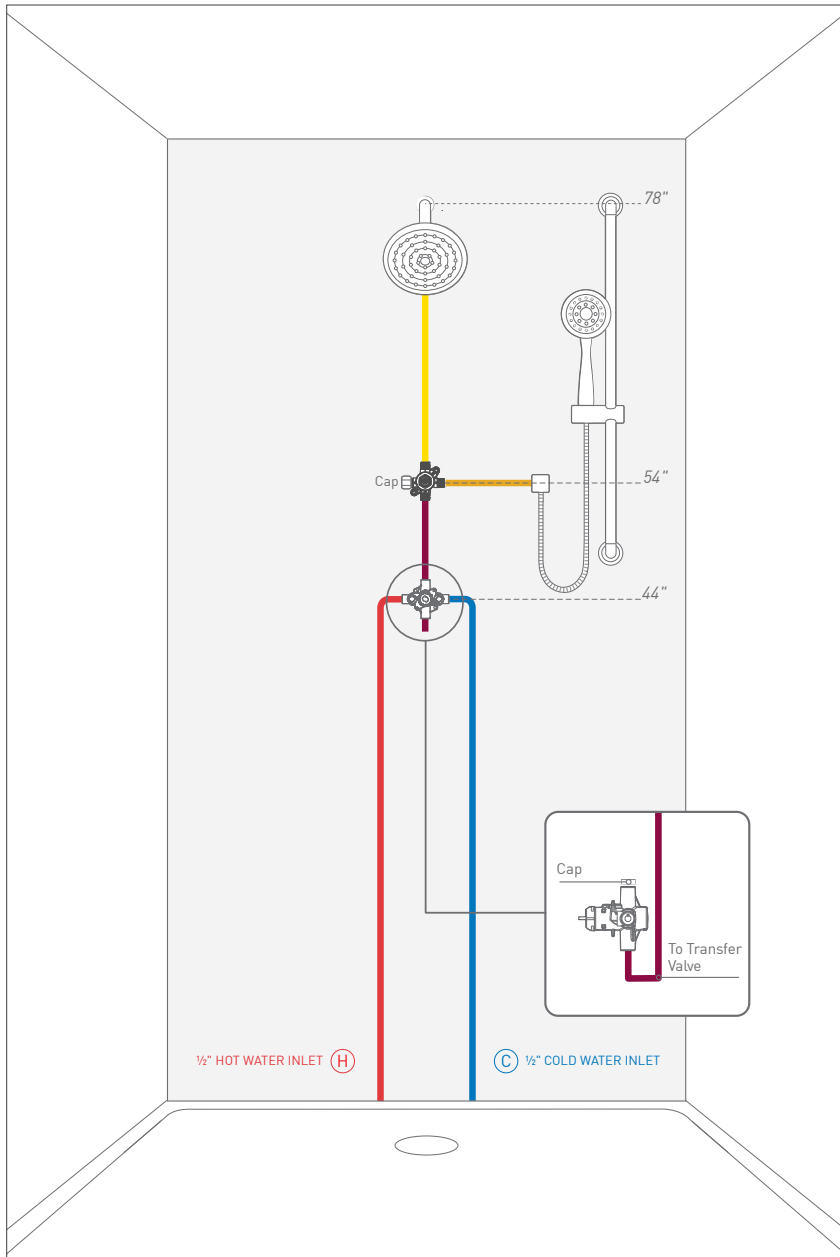
Valve Trim

POSI-TEMP® AND M-CORE® | SHOWER SPA

CONFIGURATION 13

Posi-Temp Mixing Valve with M-CORE® Transfer Valve

Two Showering Devices, One Wall



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:

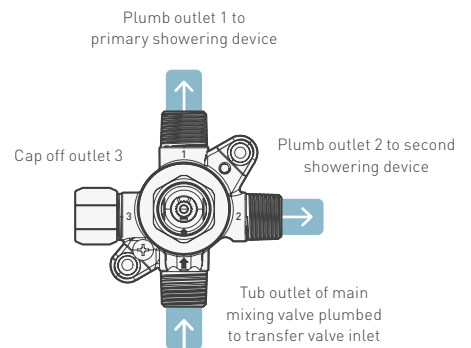


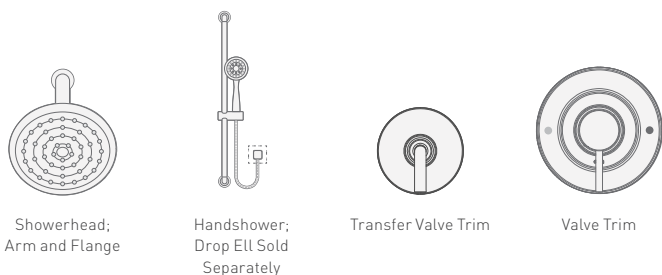
DIAGRAM NOTES

Mixing Valve

- Posi-Temp 3-port valves for shower-only applications
- If using Posi-Temp 4-port valve for shower-only application, then the shower port must be capped; tub port will supply water to transfer valve

Transfer Valve

- Use the M-CORE U231 transfer valve for three independent functions
- Use the M-CORE U361 transfer valve for three independent and three shared functions
- Primary showerhead
- Moen® handshowers come with an integrated double check valve to prevent back-siphon

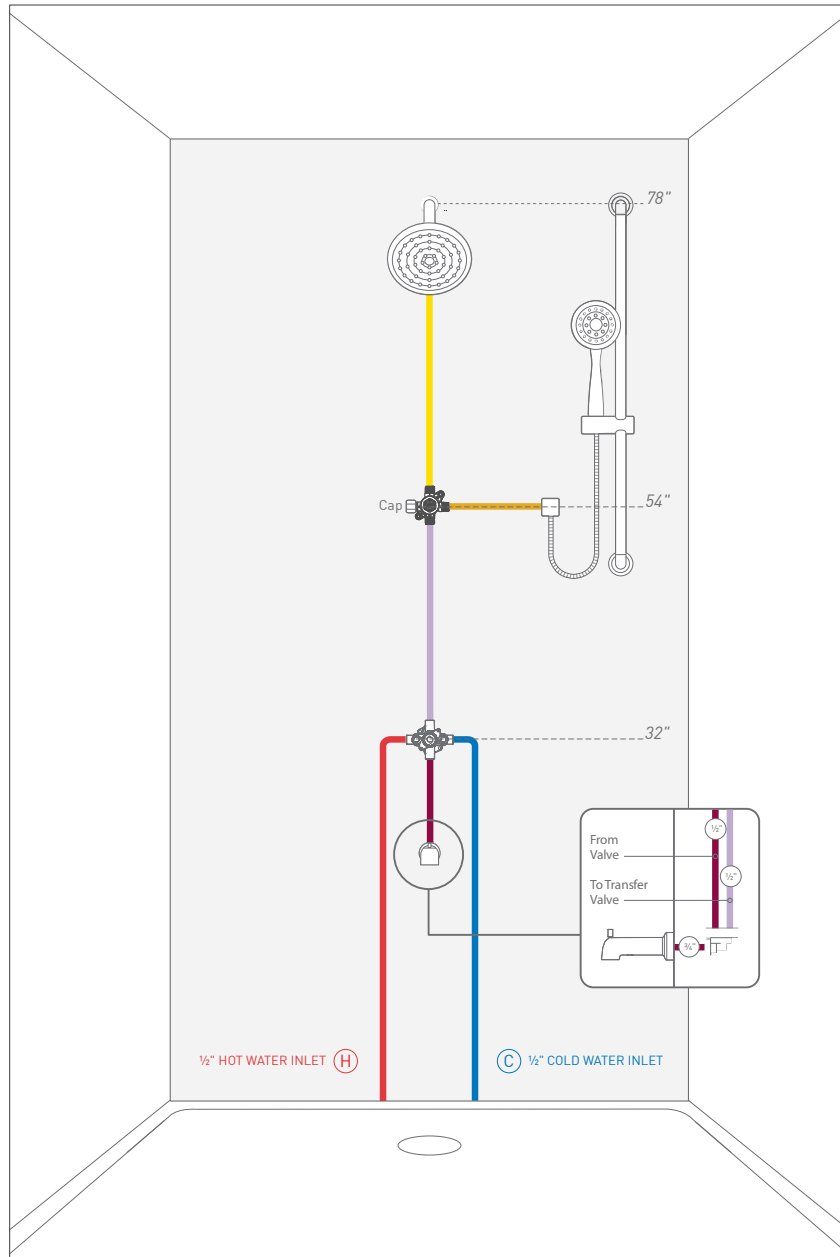


Shower spa trim is compatible with the M•PACT® Common Valve System. All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.

CONFIGURATION 14

Posi-Temp Mixing Valve with M-CORE Transfer Valve with Optional Twin Ell Installation

Two Showering Devices and Diverter Tub Spout, One Wall



IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:

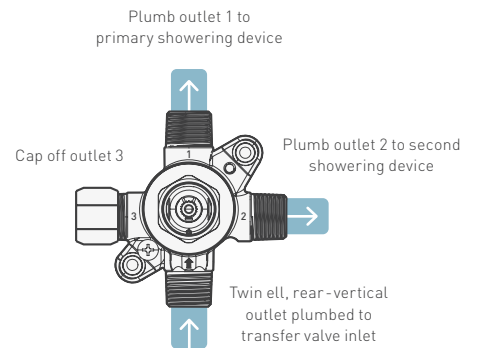


DIAGRAM NOTES

Mixing Valve

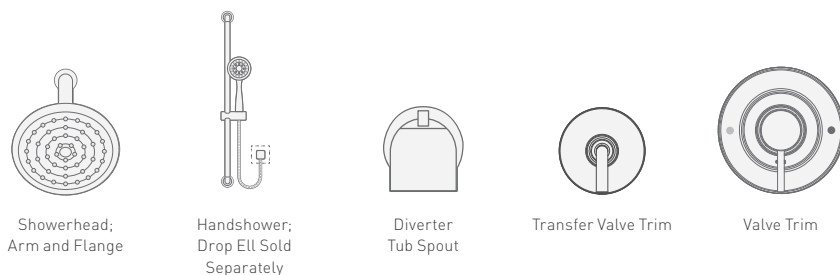
- Use Posi-Temp 4-port valve for tub/shower-only application
- The shower port must be capped; tub port will supply water to transfer valve

Transfer Valve

- Use the M-CORE U231 transfer valve for two independent functions
- Use the M-CORE U361 transfer valve for two independent and one shared function
- 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 mixing valve outlet to the twin ell, front-vertical outlet
- Plumb the twin ell, rear-vertical outlet at the transfer valve inlet
- Plumb the twin ell, front-horizontal outlet to the diverting tub spout



POSI-TEMP® | SHOWER SPA

CONFIGURATION 15

Posi-Temp with Integrated Transfer Valve

Two Showering Devices, One Wall

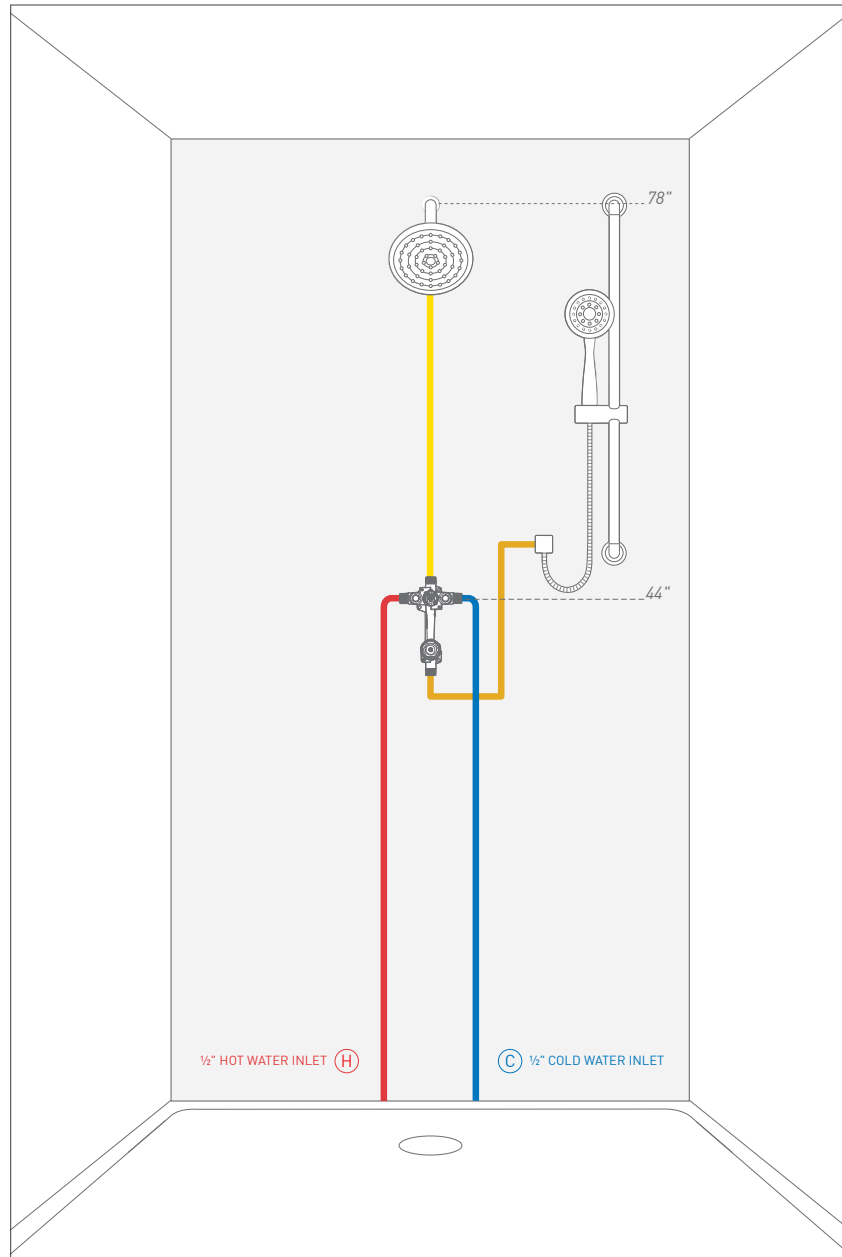
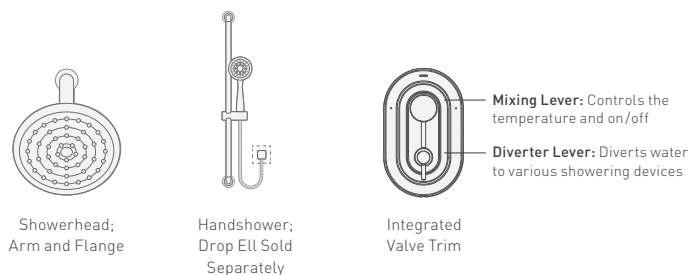


DIAGRAM NOTES

- Use the Posi-Temp 2521 or 2571 integrated transfer valve for two independent functions
- Use the Posi-Temp 2551 or 2581 integrated transfer valve for two independent and one shared function
- 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 16

Posi-Temp with Integrated Transfer Valve with Optional Twin Ell Installation Two Showering Devices and Diverter Tub Spout, One Wall

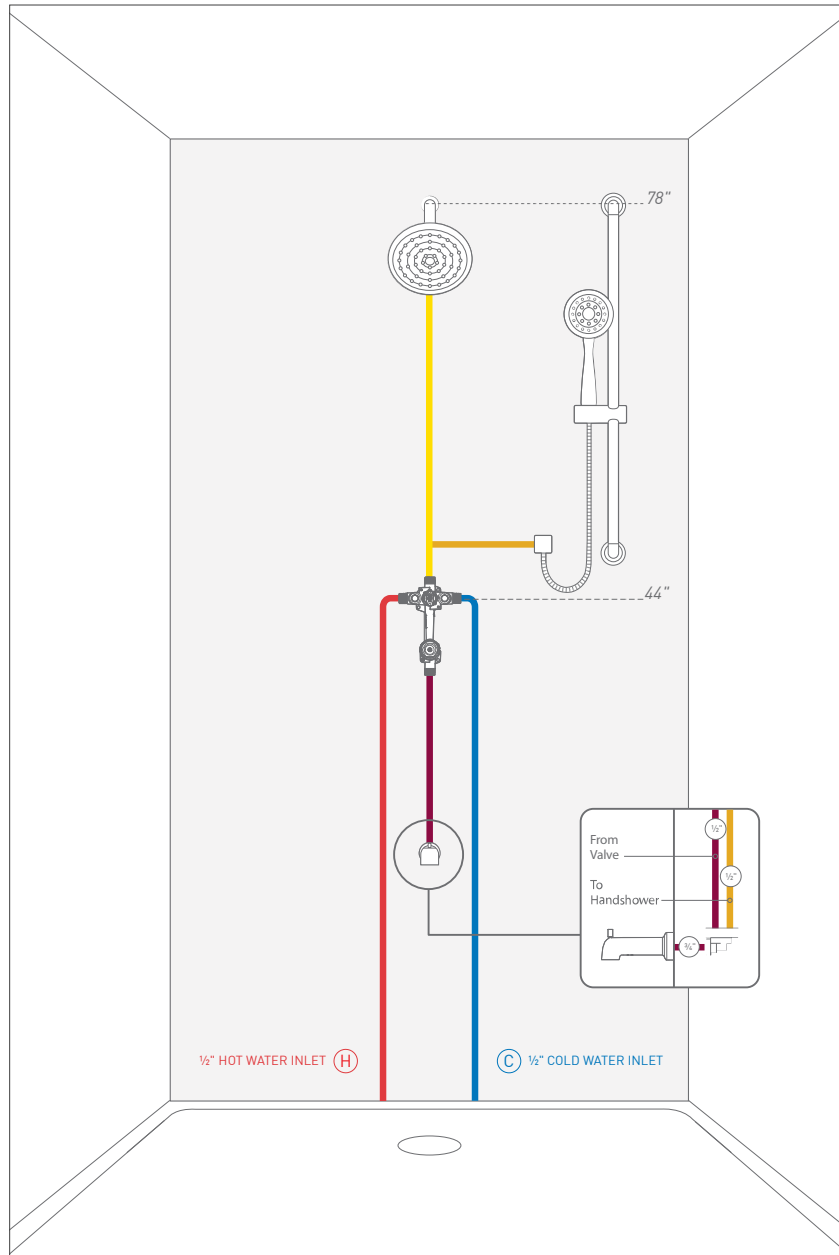


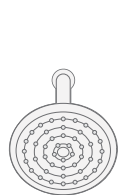
DIAGRAM NOTES

Transfer Valve

- Use the Posi-Temp 2521 or 2571 integrated transfer valve for two independent functions
- Use the Posi-Temp 2551 or 2581 integrated transfer valve for two independent and one shared function
- 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 mixing valve outlet to the twin ell, front-vertical outlet
- Plumb the twin ell, rear-vertical outlet at the drop ell
- Plumb the twin ell, front-horizontal outlet to the diverting tub spout



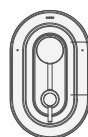
Showerhead:
Arm and Flange



Handshower:
Drop Ell Sold
Separately



Diverter
Tub Spout



Integrated
Valve Trim

Mixing Lever: Controls the temperature and on/off

Diverter Lever: Diverts water to various showering devices



Shower Rail

Create a shower experience that fits you and your existing bathroom. Innovative Shower Rail Systems let you add showering devices without the cost and hassle of tearing into your existing shower surround. More options. More flexibility. Less dust.

*Annex™ Shower Rail TS3661NH | Rainshower S178
Handshower 189315 | Posi-Temp® Valve Only Trim T2901*



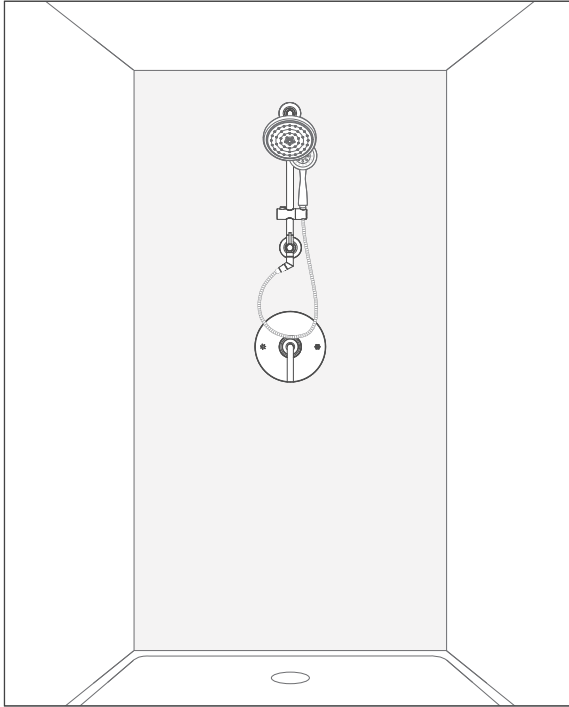
SHOWER RAILS

SHOWER RAILS



PRODUCTS FEATURED:
Annex Shower Rail TS3661NH | Rainshower 6345 | Handshower 164928 | Eva Posi-Temp Valve Only Trim T2131

M-CORE® | SHOWER RAIL

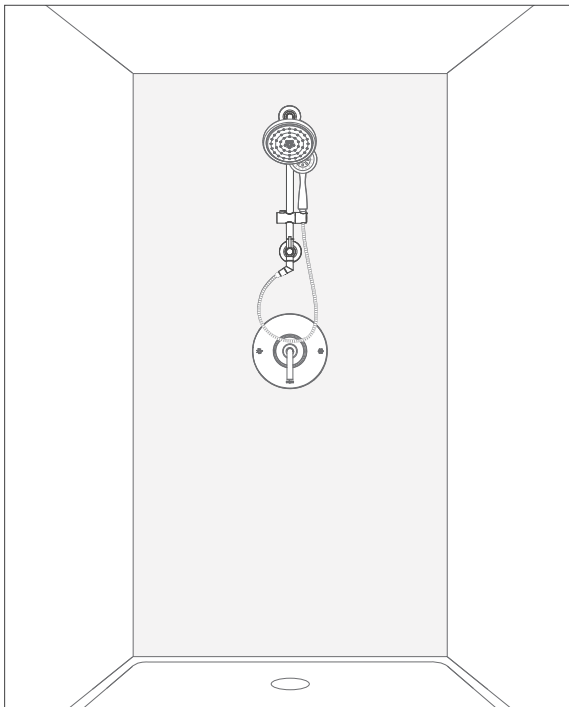


CONFIGURATION 1

M-CORE | 2 Showering Devices, 1 Wall

Installation diagram available on page 72

POSI-TEMP® | SHOWER RAIL



CONFIGURATION 2

Posi-Temp | 2 Showering Devices, 1 Wall

Installation diagram available on page 73

M-CORE® | ANNEX™ SHOWER RAIL

CONFIGURATION 1

M-CORE Mixing Valve with Annex Shower Rail

Two Showering Devices, One Wall

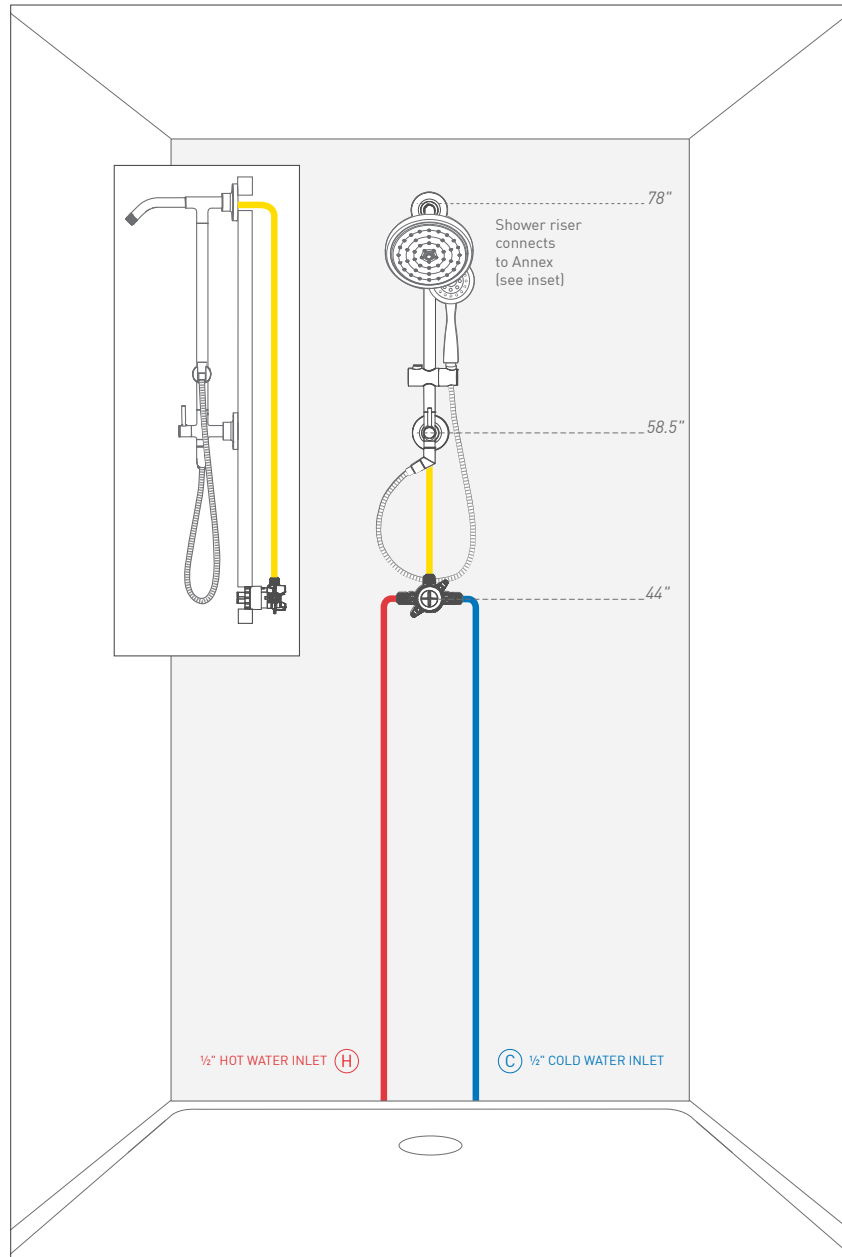


DIAGRAM NOTES

- M-CORE U130 (3-port) valves are recommended for shower-only applications
- If the M-CORE U140 (4-port) valve is used in a shower-only application, then the tub port must be capped off
- Annex Shower Rail
- Showerhead and handshower sold separately
- Integrated diverter: two independent functions
- Easily attaches to existing shower arm connection without altering height



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® | ANNEX™ SHOWER RAIL

CONFIGURATION 2

Posi-Temp Mixing Valve with Annex Shower Rail

Two Showering Devices, One Wall

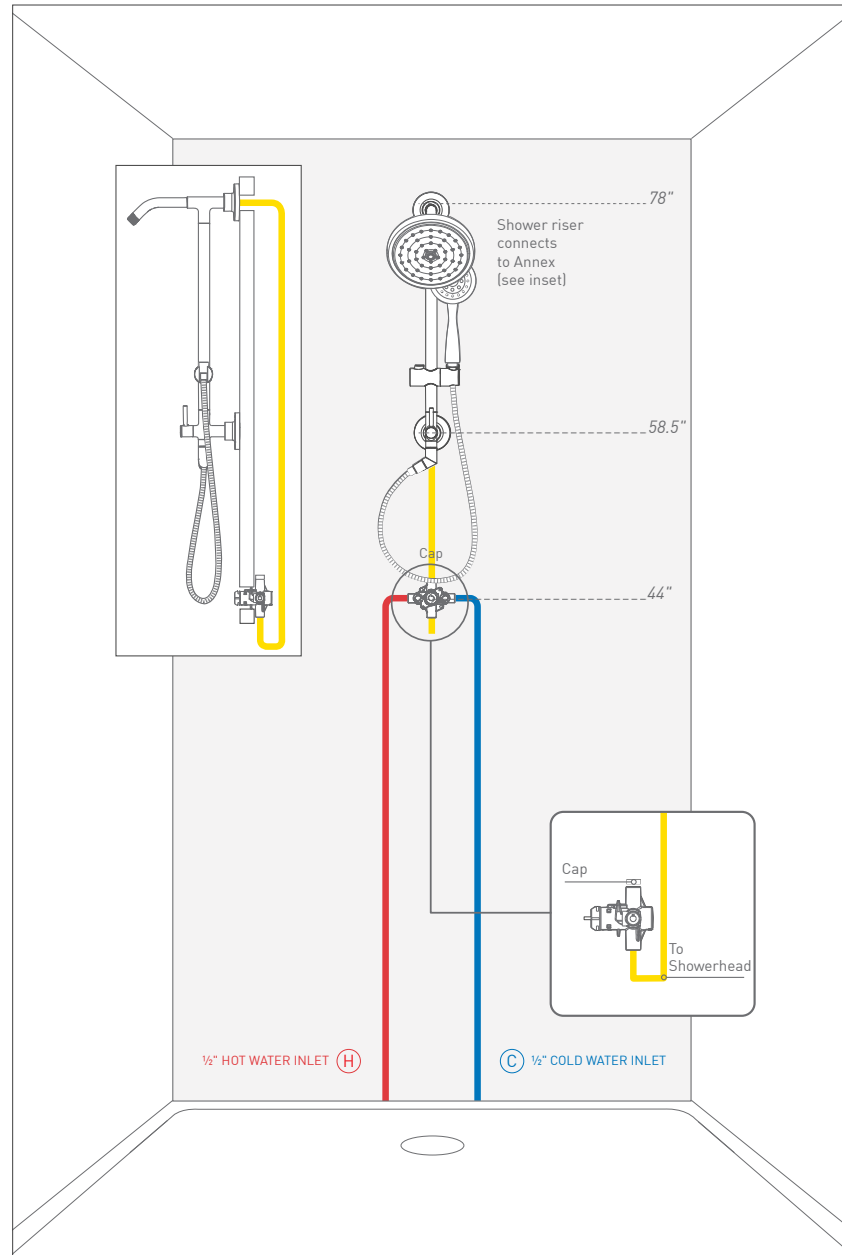


DIAGRAM NOTES

- Posi-Temp 3-port valves are recommended for shower-only applications
- If the Posi-Temp 4-port valve is used in a shower-only application, then the shower port must be capped off
- Annex Shower Rail
- Showerhead and handshower sold separately
- Integrated diverter: two independent functions
- Easily attaches to existing shower arm connection without altering height



Showerhead



Annex Shower Rail



Handshower



Valve Trim



Tub/Shower

Sometimes a freestanding tub is not in the plans, but you still want the convenience and luxury of a tub. Moen's tub/shower offerings provide the flexibility and reliability you need, with the style options to fit any design.

Weymouth® M-CORE® 3-Series Tub/Shower Trim | UTS33103BG



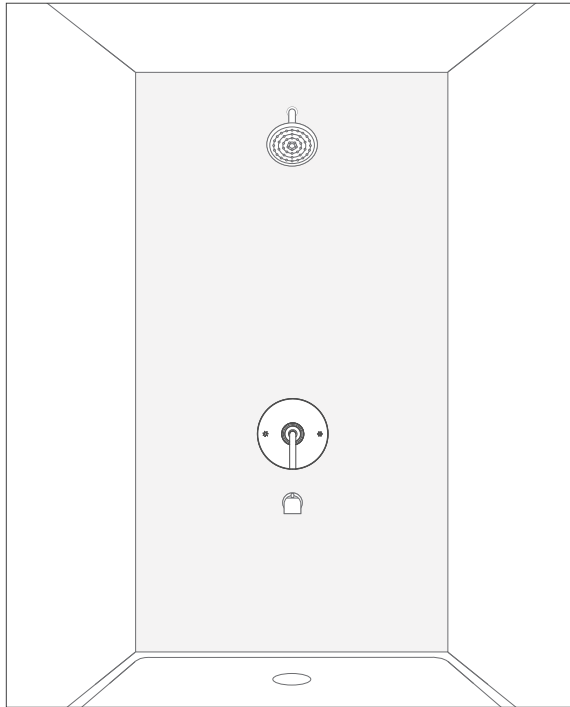
TUB/SHOWER



PRODUCT FEATURED:
Weymouth® Diverting Tub Spout UTS33103BG

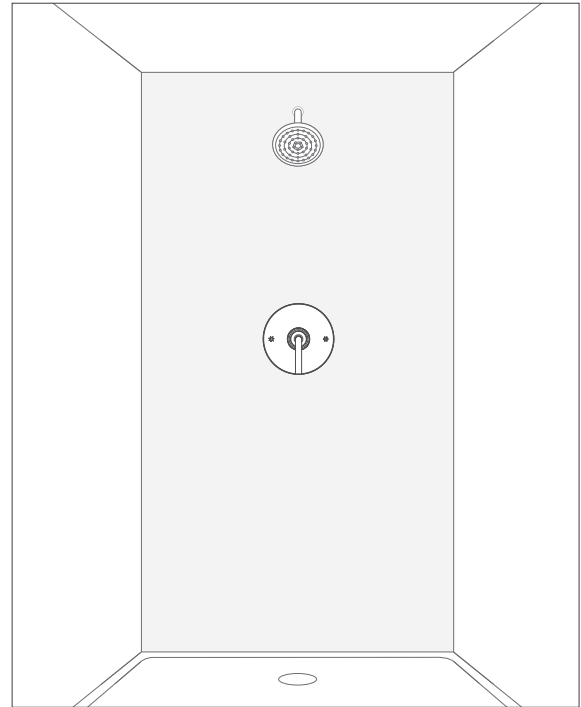
TUB/SHOWER

M-CORE® | TUB/SHOWER



CONFIGURATION 1

M-CORE | 1 Showering Device, Tub Spout, 1 Wall
Installation diagram available on page 78



CONFIGURATION 2

M-CORE | 1 Showering Device, 1 Wall
Installation diagram available on page 79

POSI-TEMP® | TUB/SHOWER



CONFIGURATION 3

Posi-Temp | 1 Showering Device, Non-Diverter Tub Spout, 1 Wall
Installation diagram available on page 80

M-CORE® | TUB/SHOWER

CONFIGURATION 1

M-CORE Mixing Valve

One Showering Device with Diverter Tub Spout, One Wall

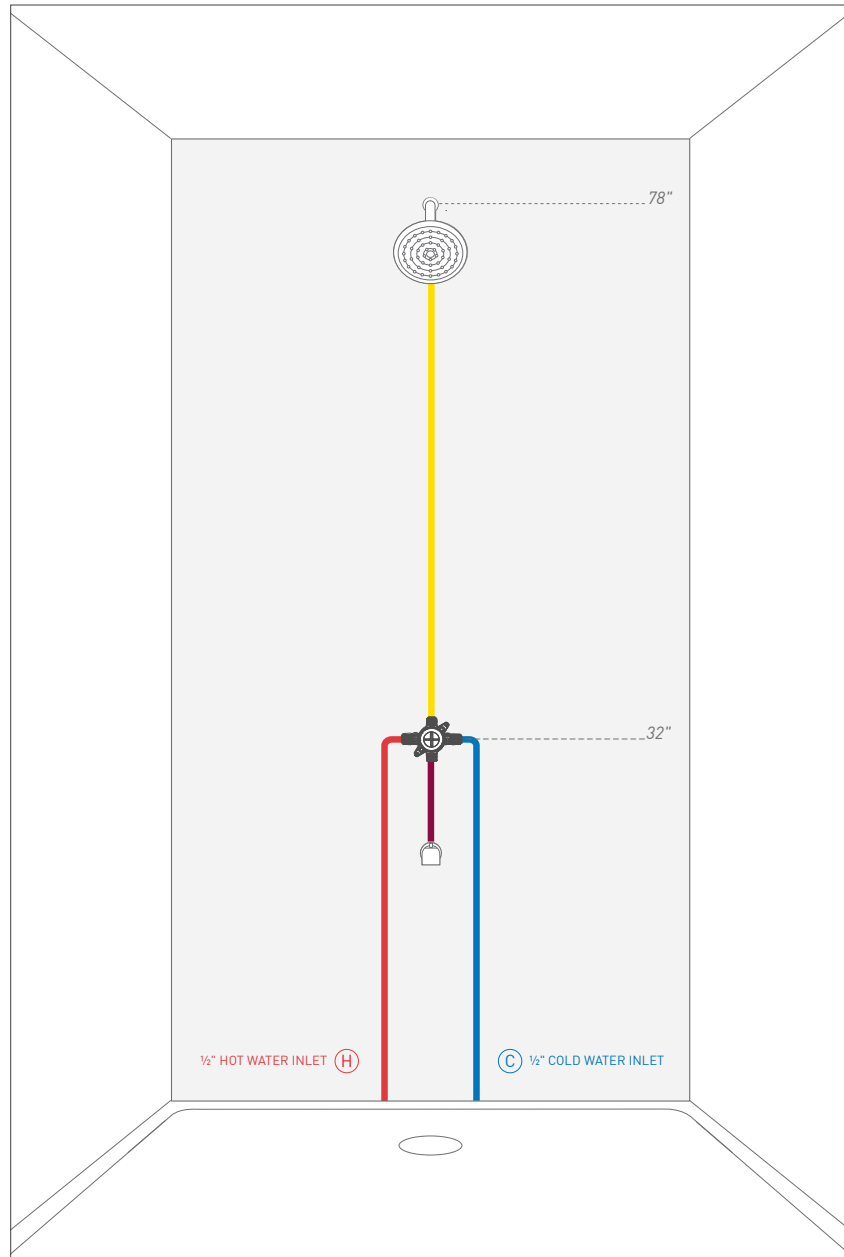
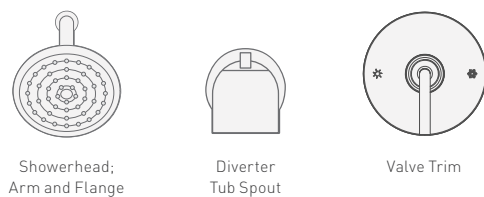


DIAGRAM NOTES

- Use M-CORE U140 (4-port) mixing valves for tub/shower applications
- Primary showerhead
- Diverter Tub Spout



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.

M-CORE | SHOWER

CONFIGURATION 2

M-CORE Mixing Valve

One Showering Device, One Wall

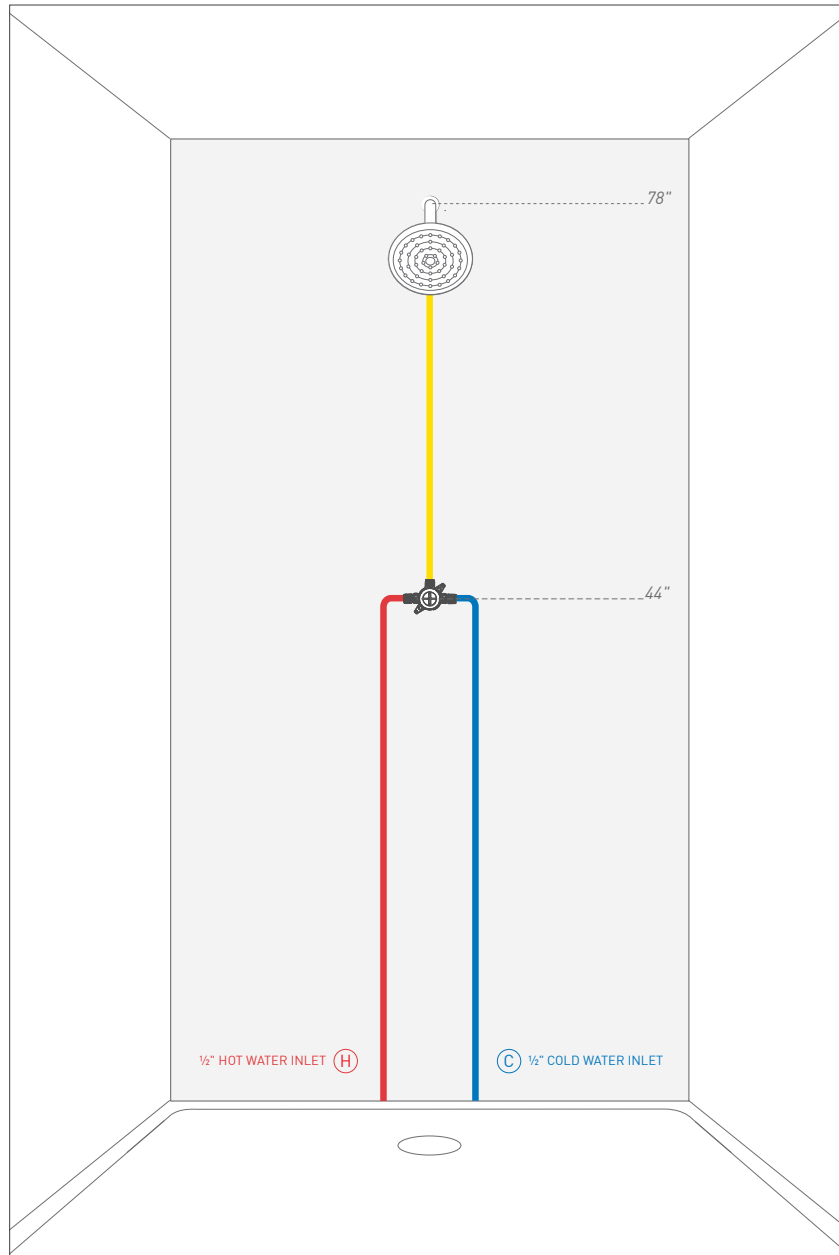
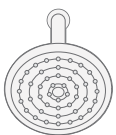


DIAGRAM NOTES

- Use M-CORE U130 (3-port) valves for shower-only applications
- If the M-CORE U140 (4-port) valve is used in a shower-only application, then the tub port must be capped off
- Primary showerhead



Showerhead:
Arm and Flange



Valve Trim

POSI-TEMP® | TUB/SHOWER

CONFIGURATION 3

Posi-Temp Mixing Valve with Integrated Transfer Valve

One Showering Device with Non-Diverter Tub Spout, One Wall

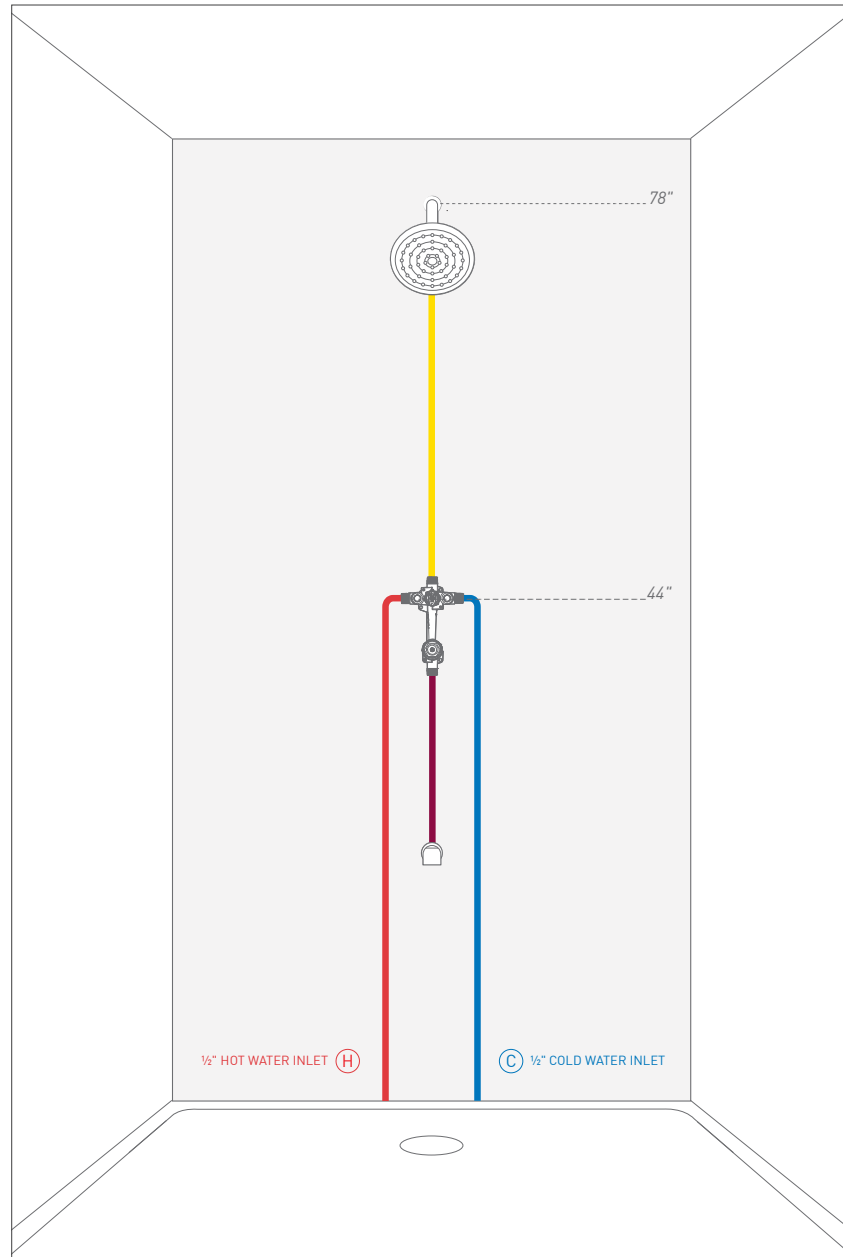
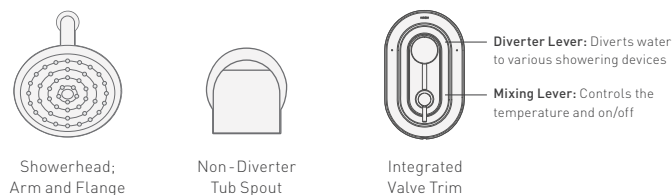


DIAGRAM NOTES

- The Posi-Temp 2521 or 2571 integrated transfer valve for two independent functions
- Primary showerhead
- Non-diverter Tub Spout



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.



PRODUCTS FEATURED:
90° M-CORE® 3-Series Shower-Only Trim UTS3715 | 90° 18" Grab Bar YG8818BN

Wallmount Tub Filler

Soak your troubles away with a customizable wallmount tub filler to fit any bathroom layout. Thoughtfully designed configurations let you draw baths with speed and ease; the spouts flow at an exceptional rate of 8 gpm.

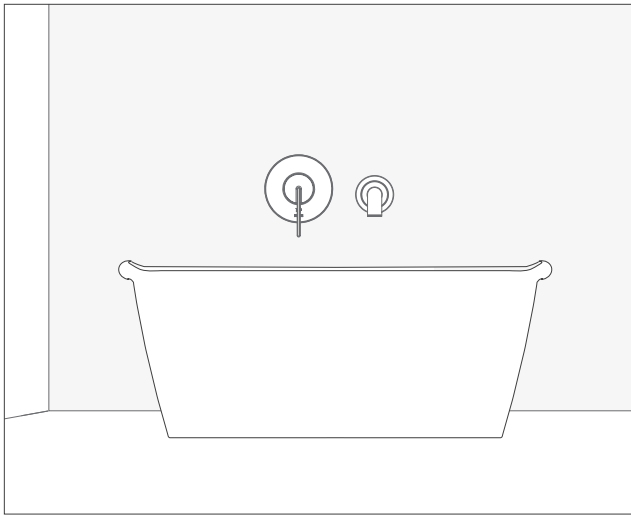
*Dartmoor™ Wallmount Tub Filler WT681BL | Handshower 164928BL
M-CORE® Transfer Valve Trim UT2031BL | Hose 155748BL | Drop Ell A725WR
Wall Bracket 155694BL | Dartmoor Single Handle Faucet 6803BL
Dartmoor Double Robe Hook YB2103BL | Dartmoor 18" Towel Bar YB2118BL*





PRODUCT FEATURED:
Dartmoor® Wallmount Tub Filler WT1681BL

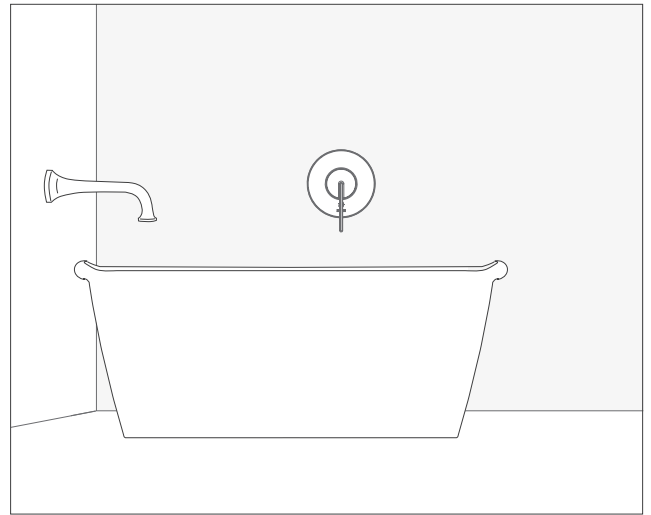
WALLMOUNT TUB FILLER



CONFIGURATION 1

Together

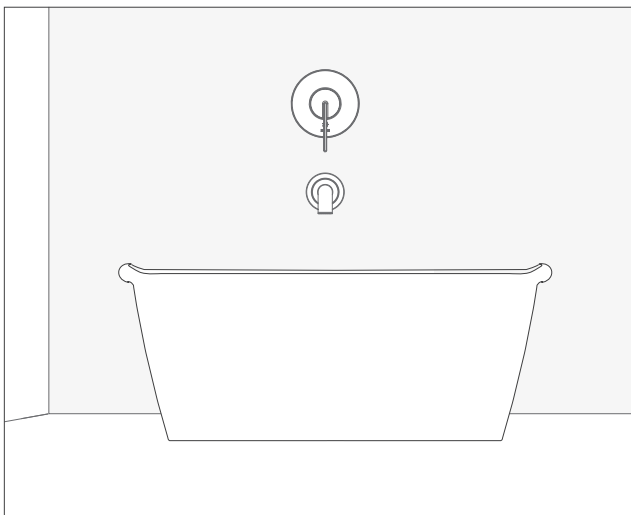
Installation diagram available on page 86



CONFIGURATION 2

Separate

Installation diagram available on page 87



CONFIGURATION 3

Top and Bottom

Installation diagram available on page 88



CONFIGURATION 4

With Handshower

Installation diagram available on page 89

WALLMOUNT TUB FILLER

CONFIGURATION 1

One-Handle Wallmount Tub Filler

Together

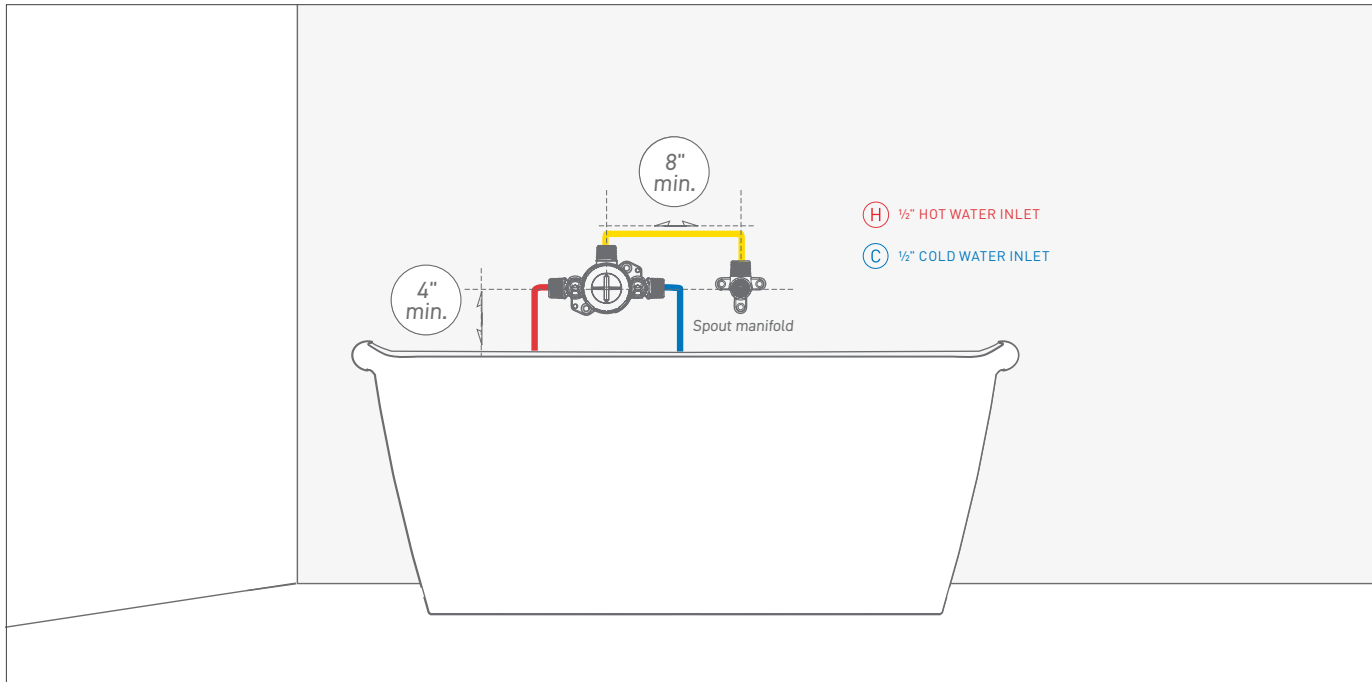


DIAGRAM NOTES

- Use WMV130 valves for wallmount tub filler applications
- Always mount tub filler spout using included manifold
- Manifold should be mounted at least 4" above tub edge and at least 8" from valve center
- For all installations, always plumb the **hot side to the left valve port** and the **cold side to the right valve port**
- Primary wallmount tub spout



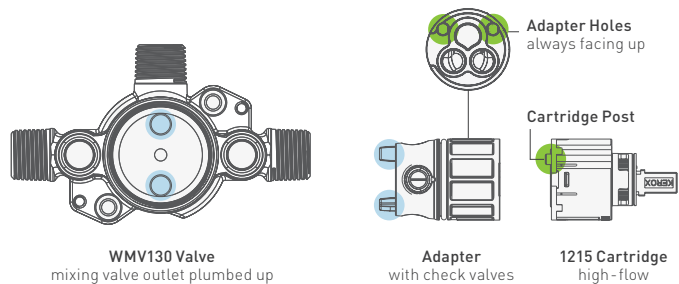
Wallmount Valve



Tub Spout

HORIZONTAL INSTALLATION

- 1215 Wallmount Tub Filler Cartridge will always install in the same orientation
- Adapter inserted with holes facing up
- Cartridge seats on adapter, with posts mating into adapter holds



CONFIGURATION 2

One-Handle Wallmount Tub Filler

Separate

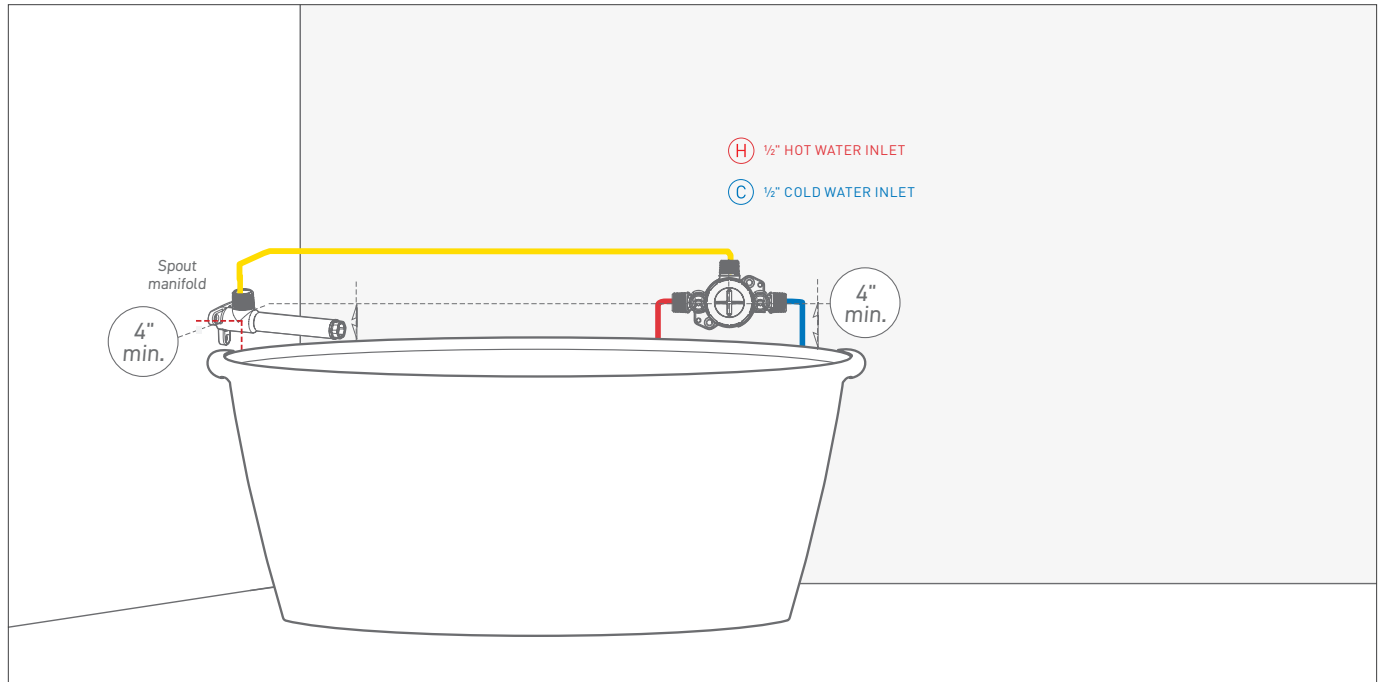


DIAGRAM NOTES

- Use WMV130 valves for wallmount tub filler applications
- Always mount tub filler spout using included manifold
- Manifold should be mounted at least 4" above tub edge and at least 8" from valve center
- For all installations, always plumb the **hot side to the left valve port** and the **cold side to the right valve port**
- Primary wallmount tub spout



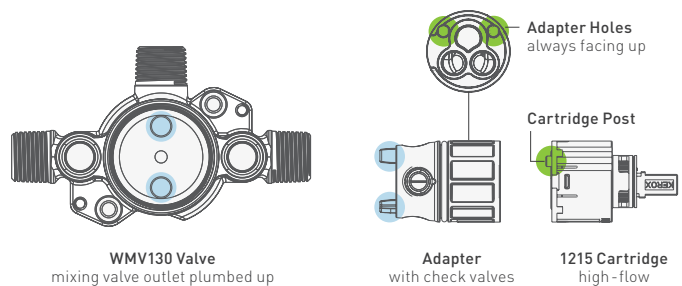
Wallmount Valve



Tub Spout

HORIZONTAL INSTALLATION

- 1215 Wallmount Tub Filler Cartridge will always install in the same orientation
- Adapter inserted with holes facing up
- Cartridge seats on adapter, with posts mating into adapter holds



WALLMOUNT TUB FILLER

CONFIGURATION 3

One-Handle Wallmount Tub Filler

Top and Bottom

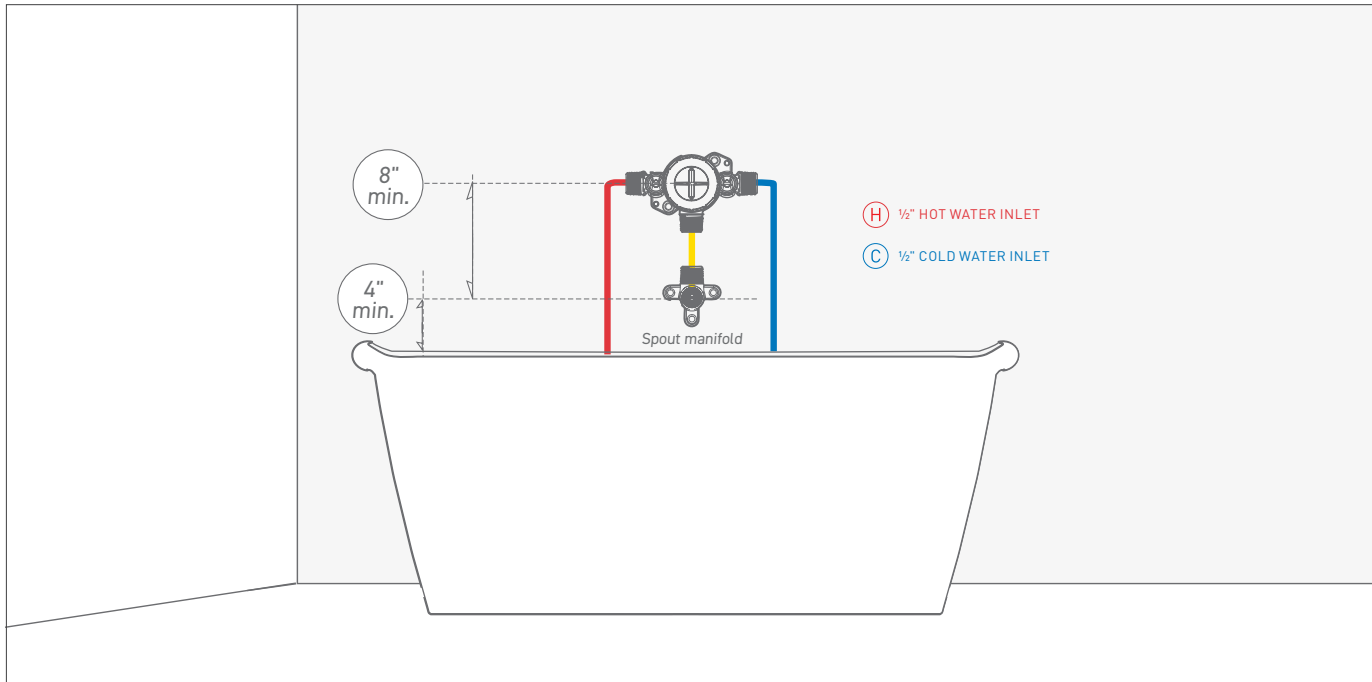


DIAGRAM NOTES

- Use WMV130 valves for wallmount tub filler applications
- Always mount tub filler spout using included manifold
- Manifold should be mounted at least 4" above tub edge and at least 8" from valve center
- For top and bottom installation, rotate the valve 180°
- For all installations, always plumb the **hot side to the left valve port** and the **cold side to the right valve port**
- Primary wallmount tub spout



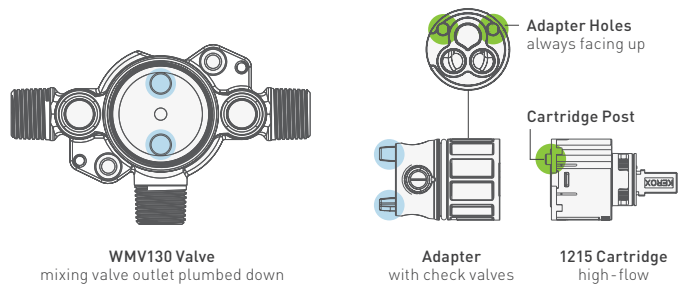
Wallmount Valve



Tub Spout

HORIZONTAL INSTALLATION

- 1215 Wallmount Tub Filler Cartridge will always install in the same orientation
- Adapter inserted with holes facing up
- Cartridge seats on adapter, with posts mating into adapter holds



CONFIGURATION 4

One-Handle Wallmount Tub Filler

With Handshower

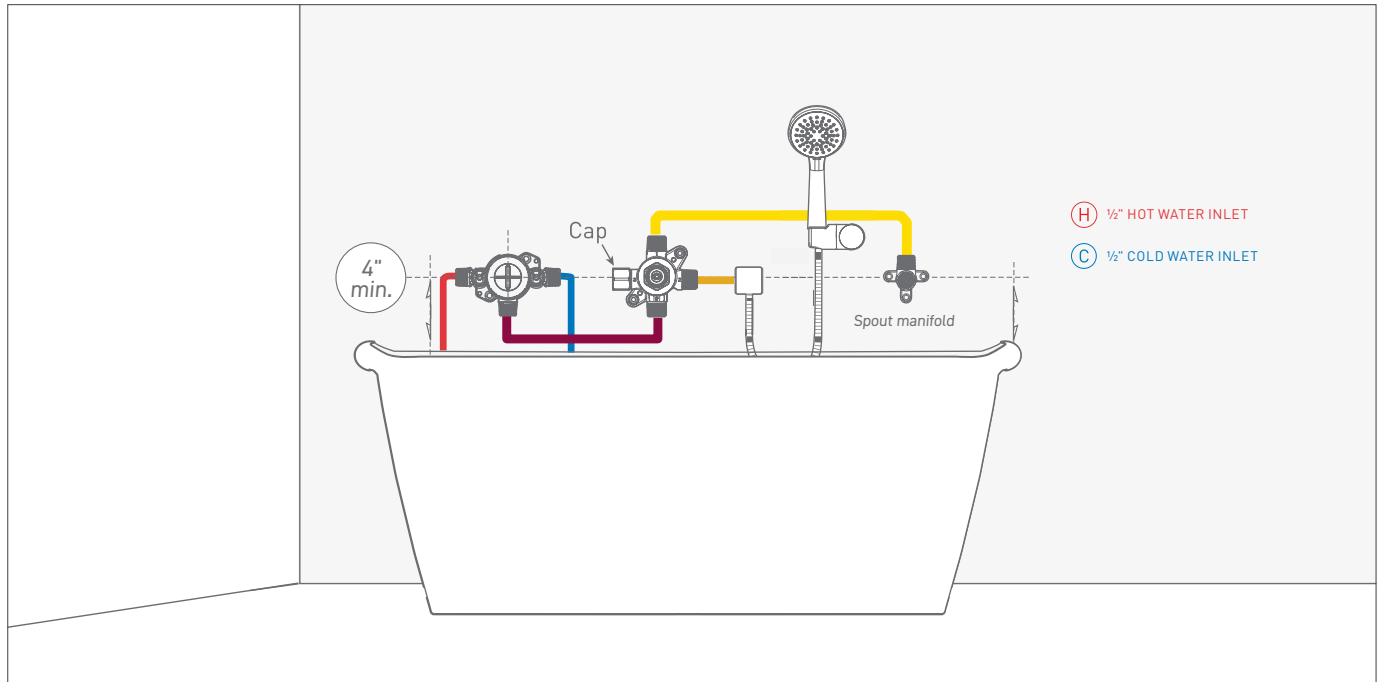


DIAGRAM NOTES

- Use WMV130 valves for wallmount tub filler applications
- Always mount tub filler spout using included manifold
- Manifold should be mounted at least 4" above tub edge and at least 8" from valve center
- For all installations, always plumb the **hot side to the left valve port** and the **cold side to the right valve port**
- Primary wallmount tub spout
- Moen® handshowers come with an integrated double check valve to prevent back-siphon

Transfer Valve

- Use the M-CORE U231 transfer valve for two independent functions; cap off third outlet



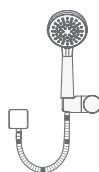
Wallmount Valve



Tub Spout



Transfer Valve Trim; sold separately

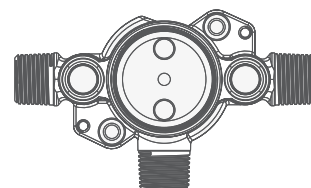
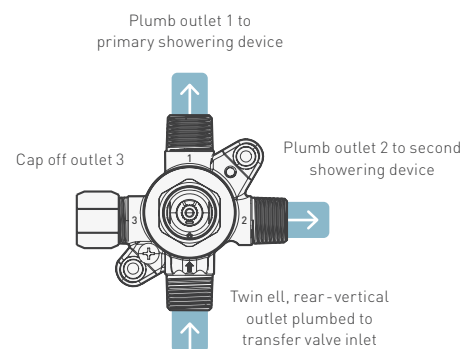


Handshower; drop ell sold separately

IMPORTANT

Plumb showering outlets as valve diagram recommends. Plumbing two outlets will require capping port number 3.

Transfer valve shown below:



WMV130 Valve
mixing valve outlet plumbed down



PRODUCT FEATURED:
4-Outlet Smart Shower Valve and Controller TS3304BL

VALVE SPECS

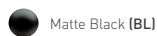
Smart Shower	
Type	Digital thermostatic <i>Meets applicable thermostatic safety codes</i>
Functionality	<p>Wi-Fi/cloud-based digital shower with mobile connectivity</p> <p>Control by voice activation, smartphone app or soft-touch, wallmount control</p> <p>Dial in temperature with precise accuracy</p> <p>Warm-up and pause mode</p> <p>Store two preset shower experiences on the controller with up to 12 total in the app</p> <p>Optional shower timer</p>
Spa Compatibility	<p>2-outlet valve (S3102) supplies two shower devices</p> <p>4-outlet valve (S3204) supplies up to four shower devices</p>
Trim	Controller available in Terra Beige or Matte Black
Temperature Limit Stops	Default at 120°F; maximum temperature limit adjustable via the app
Inlet size	¾" on 4-outlet valve; ½" on 2-outlet valve
Outlet Size	½"
Connection Options	CC



2-Outlet Smart Shower Valve and Controller



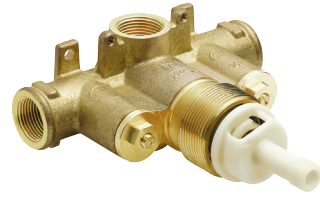
4-Outlet Smart Shower Valve and Controller



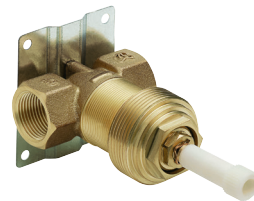
U by Moen® App: available for Apple iOS and Android® OS. Features remote activation via smart phone app. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Google and Google Play are trademarks of Google LLC. Apple® and Works with Apple HomeKit logo® are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

VALVE SPECS

ExactTemp® ¾" Thermostatic Valve	
Type	Thermostatic <i>Meets applicable thermostatic safety codes</i>
Functionality	Dial in and maintain pinpoint temperature Automatically adjusts to maintain temperature when there is a fluctuation in hot/cold water supply Temperature memory; dial stays in the same temperature position last used and returns to the temperature within a few seconds
Spa Compatibility	Yes, must be used with at least one ¾" volume control valve (S3600)
Trim	M•PACT® Common Valve System
Temperature Limit Stops	Adjustable, safety temperature stops at 105°F, but can override to 120°F
Stops	Check stops
Inlet size	¾"
Outlet Size	¾"
Connection Options	IPS



ExactTemp ¾" Volume Control Valve	
Type	Volume Control
Functionality	Turn on/off an individual shower device and adjust the volume of water going to that device
Trim	M•PACT Common Valve System
Inlet size	¾"; accepts ½" adapter
Outlet Size	¾"; accepts ½" adapter
Connection Options	IPS



Inlet Connection Options: ¾" IPS

M-CORE® with Integrated Transfer Valve

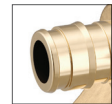
Type	Pressure-balancing <i>Meets applicable pressure-balancing safety codes</i>
Functionality	Balances ratio of incoming hot and cold water to maintain desired temperature Directs water to two or three different showering devices
Spa Compatibility	Yes, options include: two independent functions, three independent functions, two independent with one shared functions or three independent with three shared functions
Trim	M•PACT Common Valve System Mixing valve cartridge is included with the trim Transfer valve cartridge is included with the valve
Temperature Limit Stops	Adjustable Located on mixing valve cartridge
Stops	Quarter-turn
Inlet size	1/2"
Outlet Size	1/2"
Connection Options	CC/IPS, PEX cold expansion, PEX crimp ring



CC/IPS



PEX Crimp Ring



PEX Cold Expansion

M-CORE Transfer Valve

Type	Pressure-balancing <i>Meets applicable pressure-balancing safety codes</i>
Functionality	Directs water to two or three different showering devices Use with M-CORE or Posi-Temp® Mixing Valves
Spa Compatibility	Yes, options include: two independent functions, three independent functions, two independent with one shared function or three independent with three shared functions
Trim	M•PACT Common Valve System Transfer valve cartridge is included with the valve
Inlet size	1/2"
Outlet Size	1/2"
Connection Options	CC/IPS, PEX cold expansion, PEX crimp ring



CC/IPS



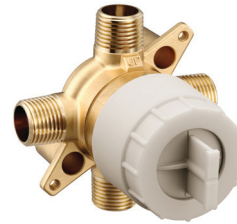
PEX Crimp Ring



PEX Cold Expansion

VALVE SPECS

M-CORE® Mixing Valve	
Type	Pressure-balancing <i>Meets applicable pressure-balancing safety codes when used with M-CORE 2-, 3- and 4-Series Trim</i>
Functionality	Balances ratio of incoming hot and cold water to maintain desired temperature <i>When used with M-CORE 2- and 3-Series Trim</i> Dial in and maintain pinpoint temperature <i>When used with M-CORE 4-Series Trim</i>
Spa Compatibility	Yes, when used with transfer valve or shower rails
Trim	M•PACT® Common Valve System Mixing valve cartridge is included with the trim Compatible with M-CORE 2-, 3- and 4-Series Trim
Temperature Limit Stops	Adjustable Located on mixing valve cartridge
Stops	Available with or without quarter-turn stops
Inlet size	1/2"
Outlet Size	1/2"
Connection Options	CC/IPS, PEX Crimp Ring, PEX cold expansion, CPVC (4-port)



IPS



CC



PEX Cold Expansion



CPVC

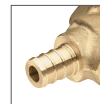
Posi-Temp® Valve	
Type	Pressure-balancing <i>Meets applicable pressure-balancing safety codes</i>
Functionality	Balances ratio of incoming hot and cold water to maintain desired temperature
Spa Compatibility	Yes, when used with a transfer valve or shower rails
Trim	M•PACT® Common Valve System
Temperature Limit Stops	Adjustable
Stops	Available with or without quarter-turn stops
Inlet size	1/2"
Outlet Size	1/2"
Connection Options	CC, IPS, PEX crimp ring, PEX cold expansion, CPVC



IPS



CC



PEX



PEX Cold Expansion



CPVC

Posi-Temp Integrated Transfer Valve

Type	Pressure-balancing <i>Meets applicable pressure-balancing safety codes</i>
Functionality	Balances ratio of incoming hot and cold water to maintain desired temperature Directs water to two or three different showering devices
Spa Compatibility	Yes, options include: <ul style="list-style-type: none"> • Two independent functions • Two independent and one shared function
Trim	M•PACT Common Valve System
Temperature Limit Stops	Available with or without quarter-turn stops
Stops	Quarter-turn
Inlet size	1/2"
Outlet Size	1/2"
Connection Options	IPS



IPS

Wallmount Tub Filler Valve and Manifold Kit

Type	Volume control and temperature control
Trim	M•PACT Common Valve system Mixing Valve cartridge is included with the trim
Cartridge	8 gpm non-pressure-balancing volume control cartridge
Temperature Limit Stops	Adjustable Located on mixing valve cartridge
Stops	Included
Inlet size	1/2"
Outlet Size	1/2"
Connection Options	CC/IPS, PEX crimp ring, PEX cold expansion
Spout Shank	1/2" slip fit connection; inlet matches valve connection type



CC/IPS



PEX Crimp Ring



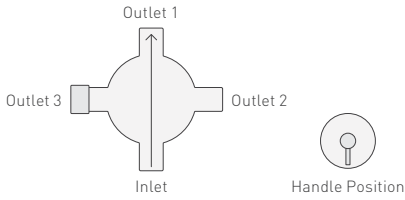
PEX Cold Expansion

M-CORE® TRANSFER VALVE CONFIGURATIONS

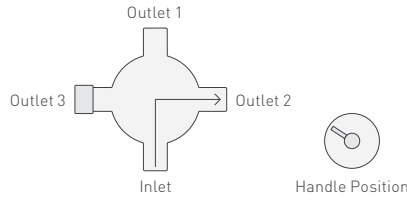
PLUMB AS RECOMMENDED BELOW FOR PROPER DIVERTING FUNCTIONALITY OF SHOWERING DEVICES

Two Independent Functions | Handle Rotation: Clockwise from 6 o'clock to 10 o'clock

Function 1: Independent

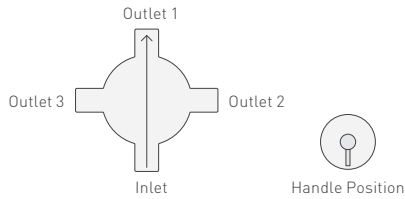


Function 2: Independent

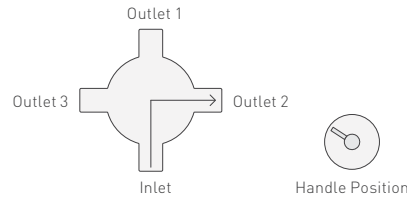


Three Independent Functions | Handle Rotation: Clockwise from 6 o'clock to 2 o'clock

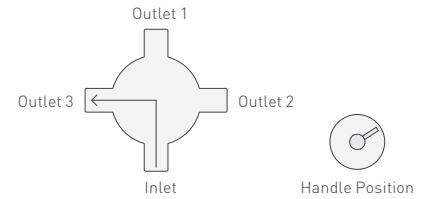
Function 1: Independent



Function 2: Independent

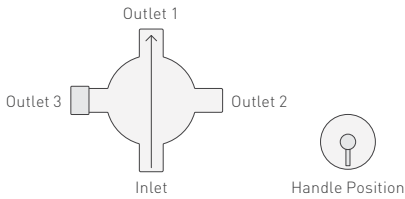


Function 3: Independent

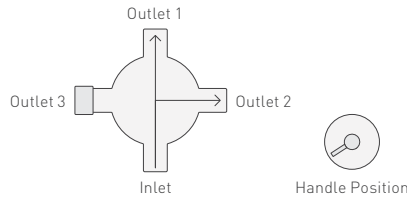


Three Functions—Two Independent and One Shared Function | Handle Rotation: Clockwise from 6 o'clock to 10 o'clock

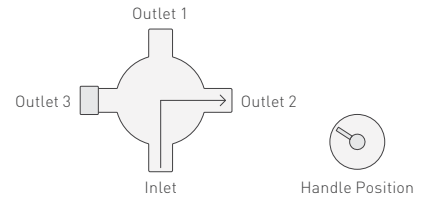
Function 1: Independent



Function 2: Shared

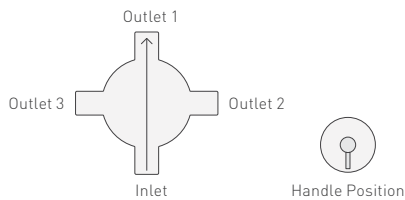


Function 3: Independent

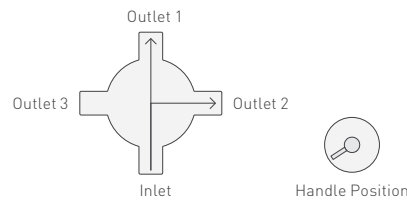


Six Functions—Three Independent and Three Shared Functions | Handle Rotation: 360°

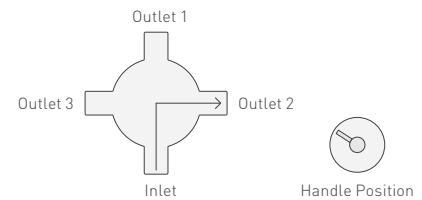
Function 1: Independent



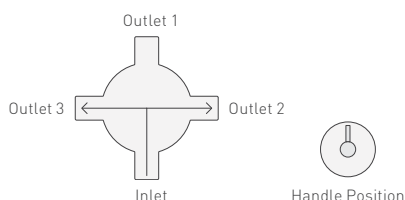
Function 2: Shared



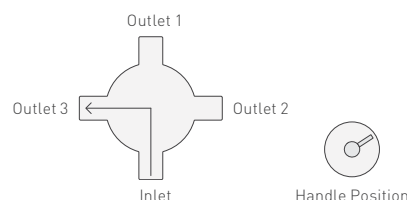
Function 3: Independent



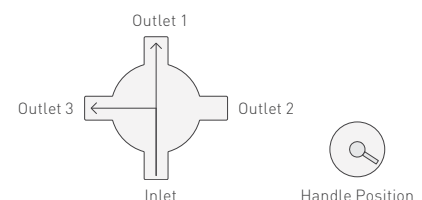
Function 4: Shared



Function 5: Independent



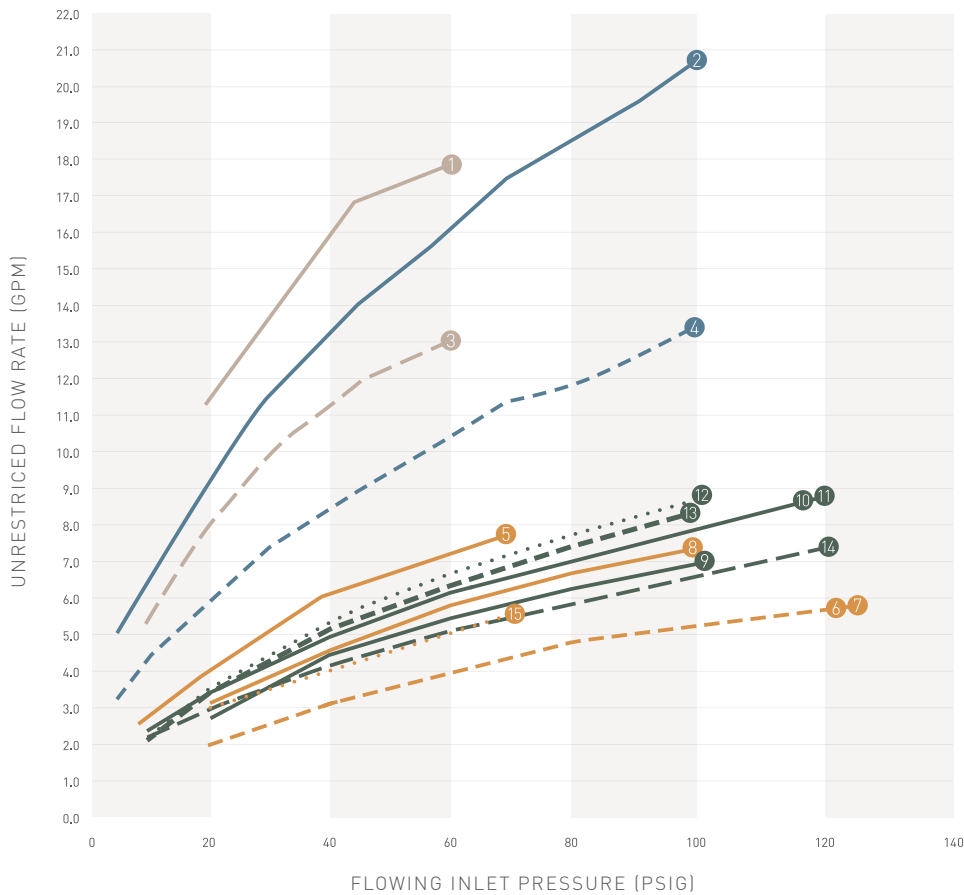
Function 6: Shared



Note: Outlet 1 plumbed into primary showering device | Outlet 2 plumbed into secondary showering device | Outlet 3 plumbed into third showering device

SHOWER VALVE FLOW RATES

FLOW RATE VS. FLOWING INLET PRESSURE OF MOEN® SHOWERING VALVES (UNRESTRICTED)



- ExactTemp® ¾" Thermostatic Showering**
S3371 ¾" ExactTemp: 18.0 GPM
- Smart Shower—4-Outlet**
S3104 4-Outlet: 16.0 GPM
- Volume Control**
S3600 Volume Control: 13+ GPM
- Smart Shower—2-Outlet**
S3102 2-Outlet: 10.0 GPM
- Posi-Temp® Tub Port**
4-Port Valve
Flow at Tub: 6.3 GPM
- Posi-Temp Shower Port**
4-Port Valve
Flow at Shower: 4.0 GPM
- Posi-Temp 3 Port**
3-Port Valve
Flow at Outlet: 6.3 GPM
- M-CORE® 4-Series Tub Port**
Flow at Tub: 5.8 GPM
- M-CORE 4-Series Shower Port**
Flow at Shower: 5.5 GPM
- M-CORE 3-Series Tub Port**
Flow at Tub: 6.2 GPM
- M-CORE 3-Series Shower Port**
Flow at Shower: 6.0 GPM
- M-CORE 2-Series Tub Port**
Flow at Tub: 6.4 GPM
- M-CORE 2-Series Shower Port**
Flow at Shower: 6.1 GPM
- M-CORE with Transfer**
Two Outlets: 5.6 GPM
- Posi-Temp with Integrated Transfer**
Two Outlets: 5.0 GPM

SHOWER SPA INSTALLATION RECOMMENDATIONS

Graph Line	Valves	Flow Rate through Shower Port (GPM) at 20 PSI	Flow Rate through Shower Port (GPM) at 40 PSI	Flow Rate through Shower Port (GPM) at 60 PSI	Use with a Transfer Valve	Maximum Components
1	ExactTemp ¾" Thermostatic S3371	11.4	15.7	18.0	No	4 Components: Any Combination of Showerheads, Handshowers and Body Sprays (4 max)
2	Smart Shower—4-Outlet S3104	9.0	13.0	16.0	No	4 Components: Any Combination of Showerheads, Handshowers and Body Sprays (4 max)
4	Smart Shower—2-Outlet S3102	6.0	8.5	10.0	No	Showerhead, Handshower or Showerhead, 2 Body Sprays
6	Posi-Temp 3-Port	3.6	5.1	6.3	Yes	Showerhead, Handshower or Showerhead, 2 Body Sprays*
7	M-CORE 4-Series Shower Port	3.0	4.4	5.5	Yes	Showerhead, Handshower or Showerhead, 2 Body Sprays*
9	M-CORE 3-Series Shower Port	3.2	4.7	6.0	Yes	Showerhead, Handshower or Showerhead, 2 Body Sprays*
11	M-CORE 2-Series Shower Port	3.1	4.9	6.1	Yes	Showerhead, Handshower or Showerhead, 2 Body Sprays*
13	M-CORE with Transfer	3.2	4.7	6.0	No	Showerhead, Handshower or Showerhead, 2 Body Sprays*
14	Posi-Temp Shower Port 4-Port	2.1	3.2	4.0	Yes	Showerhead, Handshower*
15	Posi-Temp with Integrated Transfer	3.0	4.0	5.0	No	Showerhead, Handshower

*Minimum 50 PSI recommended when plumbing a showerhead and 2 body sprays for shared flow.

A VALVE FIT FOR YOU



Smart Shower
2-Outlet Valve**



Smart Shower
4-Outlet Valve**



ExactTemp® ¾" Thermostatic Valve***



M-CORE®
Thermostatic Cartridge
(4-Series)

Thermostatic Valves & Cartridges

COMFORT FEATURES

Personalization

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



Temperature Consistency

Water temperature won't fluctuate even as the hot water in your tank gets low.



Maximum-Flow Shower Spa Experience

Provides the greatest balance of force, flow and coverage in a Moen shower spa.



Shower Spa Compatible

Add an extra showerhead or handshower or design a complete shower spa experience.



CONVENIENCE FEATURES

Remote Activation

Sync your shower to your smartphone to start, stop and pause remotely.



Precision Thermostatic Control

Dial up the same water temperature every day, just like a thermostat.



Voice Activation

Activate your shower with the sound of your voice.



Volume Control

Adjust the amount of water that flows through your tub/shower from a gentle stream to full force.



Temperature Memory

Dial stays in the same temperature position you last used and returns to that temperature within a few seconds.



Warm Up and Pause

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



SAFETY FEATURES

Maximum Temperature Setting

You can set the hottest temperature setting.



Meets Applicable Pressure-Balancing or Thermostatic Safety Codes



DEPENDABILITY FEATURES

Limited Lifetime Warranty



Easy-to-Replace Cartridge

N/A

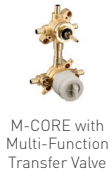
N/A



*Must be used with M-CORE transfer valve U231 or U361 series to obtain shower spa compatibility.

**Smart Shower 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.



M-CORE with Multi-Function Transfer Valve



M-CORE Mixing Valve Body*



M-CORE Pressure-Balancing Volume and Temperature Control Cartridge (3-Series)



M-CORE Pressure-Balancing Temperature Control Cartridge (2-Series)



Posi-Temp Pressure-Balancing Cycling Valve



ExactTemp Volume Control



M-CORE Transfer Valve



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

Pressure-Balancing Valves & Cartridge

Volume Control & Transfer Valves



N/A

N/A

N/A



N/A

N/A

N/A



N/A

VALVES – OPTIONS FOR SYSTEM NEEDS

Model Number	Description	Category	Stops/ Check Stops	Ports
SMART SHOWER				
S3104	4-Outlet Moen Smart Shower Valve	Thermostatic Digital	N/A	6
S3102	2-Outlet Moen Smart Shower Valve	Thermostatic Digital	N/A	4
EXACTTEMP®				
S3371	ExactTemp ¾" IPS Connection Includes Check Stops	ExactTemp	Check Stops	4
S3600	Volume Control ¾" IPS Connection	ExactTemp	N/A	2
M-CORE®				
U130CI	M-CORE ½" CC/IPS with Flush Plug	M-CORE	N/A	3
U130X	M-CORE ½" PEX with Flush Plug	M-CORE	N/A	3
U130CX	M-CORE ½" Cold PEX with Flush Plug	M-CORE	N/A	3
U130CIS	M-CORE ½" CC/IPS with Flush Plug	M-CORE	Stops	3
U130XS	M-CORE ½" PEX with Stops and Flush Plug	M-CORE	Stops	3
U130CXS	M-CORE ½" Cold PEX with Stops and Flush Plug	M-CORE	Stops	3
U140CI	M-CORE ½" CC/IPS with Flush Plug	M-CORE	N/A	4
U140X	M-CORE ½" PEX with Flush Plug	M-CORE	N/A	4
U140CX	M-CORE ½" Cold PEX with Flush Plug	M-CORE	N/A	4
U140V	M-CORE ½" CPVC with Flush Plug	M-CORE	N/A	4
U140CIS	M-CORE ½" CC/IPS with Stops and Flush Plug	M-CORE	Stops	4
U140XS	M-CORE ½" PEX with Stops and Flush Plug	M-CORE	Stops	4
U140CXS	M-CORE ½" Cold PEX with Stops and Flush Plug	M-CORE	Stops	4
U140VS	M-CORE ½" CPVC with Stops and Flush Plug	M-CORE	Stops	4
U232CIS	M-CORE ½" CC/IPS with Stops and Transfer	2F/3F Stacked M-CORE	Stops	5
U232CXS	M-CORE ½" Cold PEX with Stops and Transfer	2F/3F Stacked M-CORE	Stops	5
U232XS	M-CORE ½" PEX with Stops and Transfer	2F/3F Stacked M-CORE	Stops	5
U362CIS	M-CORE ½" CC/IPS with Stops and Transfer	3F/6F Stacked M-CORE	Stops	5
U362CXS	M-CORE ½" Cold PEX with Stops and Transfer	3F/6F Stacked M-CORE	Stops	5
U362XS	M-CORE ½" PEX with Stops and Transfer	3F/6F Stacked M-CORE	Stops	5
U231CI	M-CORE ½" CC/IPS	2F/3F Stacked M-CORE	N/A	4
U231CX	M-CORE ½" Cold PEX	2F/3F Stacked M-CORE	N/A	4
U231X	M-CORE ½" PEX	2F/3F Stacked M-CORE	N/A	4

CC Inlets/ CC Outlets	CC/IPS Inlets and Outlet(s)	IPS Inlets/ IPS Outlets	PEX Inlets and Outlet(s)	PEX Inlets/ CC Outlets	PEX Inlets and Shower Outlet/ CC IPS Tub Outlet	PEX Inlets and Shower Outlet/ CC Tub Outlet	Cold Expansion PEX Inlets and Outlet(s)	Cold Expansion PEX Inlets/ CC Outlets	Cold Expansion PEX Inlets and Shower Outlet/ CC/IPS Tub Outlet	CPVC Inlets/ CC Outlets
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VALVES – OPTIONS FOR SYSTEM NEEDS

Model Number	Description	Category	Stops/ Check Stops	Ports
M-CORE*				
U361CI	M-CORE ½" CC/IPS	3F/6F Stacked M-CORE	Stops	6
U361CX	M-CORE ½" Cold PEX	3F/6F Stacked M-CORE	N/A	4
U361X	M-CORE ½" PEX	3F/6F Stacked M-CORE	N/A	4
POSI-TEMP*				
2520	Posi-Temp ½" CC Connection	Posi-Temp	N/A	5
62320	Bulk Pack Posi-Temp ½" CC Connection	Posi-Temp	N/A	4
2570	Posi-Temp ½" CC Connection with Stops	Posi-Temp	Stops	4
62370	Bulk Pack Posi-Temp ½" CC Connection with Stops	Posi-Temp	Stops	4
2510	Posi-Temp ½" IPS Connection	Posi-Temp	N/A	4
62300	Bulk Pack Posi-Temp ½" IPS Connection	Posi-Temp	N/A	4
FP62300	Bulk Pack Posi-Temp ½" IPS Connection with Flush Plug	Posi-Temp	N/A	4
2590	Posi-Temp ½" IPS Connection with Stops	Posi-Temp	Stops	4
62390	Bulk Pack Posi-Temp ½" IPS Connection with Stops	Posi-Temp	Stops	4
2580	Posi-Temp ½" PEX Connection	Posi-Temp	Stops	4
62380	Bulk Pack Posi-Temp ½" PEX Connection	Posi-Temp	N/A	4
FP62380	Bulk Pack Posi-Temp ½" PEX Connection with Flush Plug	Posi-Temp	N/A	4
62380PF	Bulk Pack Posi-Temp ½" PEX Connection and Drop	Posi-Temp	N/A	4
62360	Bulk Pack Posi-Temp ½" PEX Connection with Stops	Posi-Temp	Stops	4
62360PF	Bulk Pack Posi-Temp ½" PEX Connection with Stops and Drop	Posi-Temp	Stops	4
62365	Bulk Pack Posi-Temp ½" Cold Expansion PEX Connection	Posi-Temp	N/A	4
FP62365	Bulk Pack Posi-Temp ½" Cold Expansion PEX Connection and Flush Plug	Posi-Temp	N/A	4
62365PF	Bulk Pack Posi-Temp ½" Cold Expansion PEX Connection and Drop	Posi-Temp	N/A	4
62385	Bulk Pack Posi-Temp ½" Cold Expansion PEX Connection with Stops	Posi-Temp	Stops	4
FP62385	Bulk Pack Posi-Temp ½" Cold Expansion PEX Connection with Stops and Flush Plug	Posi-Temp	Stops	4
62385PF	Bulk Pack Posi-Temp ½" Cold Expansion PEX Connection with Stops and Drop	Posi-Temp	Stops	4
62340	Bulk Pack Posi-Temp ½" CPVC Connection	Posi-Temp	N/A	4
FP62340	Bulk Pack Posi-Temp ½" CPVC Connection with Flush Plug	Posi-Temp	N/A	4
62330	Bulk Pack Posi-Temp ½" CPVC Connection with Stops	Posi-Temp	Stops	4

VALVES – OPTIONS FOR SYSTEM NEEDS

Model Number	Description	Category	Stops/ Check Stops	Ports
POSI-TEMP*				
62345	Posi-Temp 1/2" CC/IPS Connection	Posi-Temp	Stops	4
FP62325PF	Bulk Pack Posi-Temp 1/2" PEX Connection	Posi-Temp	N/A	3
FP62326PF	Bulk Pack Posi-Temp 1/2" PEX Connection with Stops and Flush Plug	Posi-Temp	N/A	3
2326PF	Posi-Temp 1/2" PEX Connection with Stops	Posi-Temp	Stops	3
FP62327PF	Bulk Pack Posi-Temp 1/2" Cold Expansion PEX Connection with Flush Plug	Posi-Temp	Stops	3
FP62328PF	Bulk Pack Posi-Temp 1/2" Cold Expansion PEX Connection with Stops and Flush Plug	Posi-Temp	N/A	3
2328PF	Posi-Temp 1/2" Cold Expansion PEX Connection with Stops	Posi-Temp	Stops	3
FP62380PF*	Bulk Pack Posi-Temp 1/2" PEX Connection with Flush Plug and Drop	Posi-Temp	Stops	3
FP62360PF*	Bulk Pack Posi-Temp 1/2" PEX Connection with Stops, Flush Plug and Drop	Posi-Temp	N/A	4
2360PF	Posi-Temp 1/2" PEX Connection with Stops and Drop	Posi-Temp	Stops	4
FP62365PF*	Bulk Pack Posi-Temp 1/2" Cold Expansion PEX Connection with Flush Plug and Drop	Posi-Temp	Stops	4
FP62385PF*	Bulk Pack Posi-Temp 1/2" Cold Expansion PEX Connection with Stops, Flush Plug and Drop	Posi-Temp	N/A	4
2521	Posi-Temp 1/2" CC/IPS with Diverter	2F Stacked Posi-Temp	N/A	4
2551	Posi-Temp 1/2" CC/IPS with Diverter	3F Stacked Posi-Temp	N/A	4
2571	Posi-Temp 1/2" CC/IPS with Diverter and Stops	2F Stacked Posi-Temp	Stops	4
2581	Posi-Temp 1/2" CC/IPS with Diverter and Stops	3F Stacked Posi-Temp	Stops	4

FREQUENTLY ASKED QUESTIONS

MOEN® SMART SHOWER

Learn more about the system by visiting moen.com or contact 1-800-BUY-MOEN.

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" on the 2-Outlet Smart Shower Valve [S3102] and 3/4" on the 4-Outlet Vertical Spa [S3104]). For the 2-outlet valve, the inlets and outlets are 1/2"; the 4-outlet valve has 3/4" inlets and 1/2" outlets.

Is the Moen Smart Shower Valve compatible with PEX, copper and CPVC Connections?

Yes, the CC Connections on Moen Smart Shower Valve outlets and inlets can be connected to PEX, copper or CPVC with standard plumbing adapters.

Is an access panel required for the Moen Smart Shower Valve?

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

Do I have to plug in the Moen Smart 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 Moen Smart 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 of 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 Moen Smart Shower Digital Vertical Spa?

The Moen 4-Outlet Smart Shower Valve [S3104] features four outlets and has a maximum flow rate of 16 gpm at 60 PSI. The 2-Outlet Smart Shower Valve [S3102] features two outlets and has a maximum flow rate of 10 gpm at 60 PSI.

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

M•PACT® COMMON VALVE SYSTEM

How does the M•PACT work?

Update your bath without changing the shower valve behind the wall. Valves built on the M•PACT Common Valve System accept any trim style made for that valve. Whenever you're ready for a new look, you can upgrade in minutes—simply by swapping out a new style or finish.

EXACTTEMP®

How does the ExactTemp valve work?

The ExactTemp requires 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/off and adjust the volume of the water. The thermostatic valve has a safety stop preset at 105°. The temperature override button will allow the user to exceed this temperature and reach temperatures of up to 120°. In addition to being shower spa compatible, it also provides thermostatic control, temperature consistency and temperature memory. For more information, view Moen's product literature in our Literature Center.

POSI-TEMP®/M-CORE®

What is 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 temperature constant and comfortable, within ±3.6°F (±2°C) of the original temperature, despite other demands such as flushing the toilet or starting the dishwasher. Moen's Posi-Temp and M-CORE tub and shower valves all feature pressure balancing. Both valves require pressure on the hot and cold sides to operate.

What is the difference between a Posi-Temp tub and shower valve and an M-CORE tub and shower valve?

Posi-Temp and M-CORE mixing valve have the following similarities:

- A pressure-balanced system that maintains water temperature within ±3.6°F (±2°C)
- Built-in temperature limit stops that allow you to control how far the handle rotates, therefore, controlling the range of water temperature
- Provide ideal water flow for shower spa or tub/shower systems
- Available in a variety of connections from common 1/2" CC/sweat, 1/2" IPS-threaded, combination 1/2" CC/IPS, 1/2" Crimp PEX, 1/2" cold expansion PEX and CPVC
- Meet pressure-balancing safety codes

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

Feature	4-Series	3-Series	2-Series	Posi-Temp
Handle Operation —How the faucet is turned on and off	Rotation	Lift/Rotate	Rotation	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, the water temperature reaches your last temperature setting.	Yes	Yes	No	No
Volume Control —Controls the water flow rate so you get the amount of water you want at the temperature you want	Yes	Yes	No	No
Thermostatic —Maintains precise temperature by continually adjusting the incoming mix of hot and cold water	Yes	No	No	No
M-CORE Cartridge —Ships with Shower Trim Kit	Yes	Yes	Yes	N/A



Although descriptions are believed correct at publication approval, accuracy cannot be guaranteed. Moen® reserves the right to make product specification changes from time to time, without notice or obligation, and to change or discontinue models.

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