MOEN®

SHOWER PLANNING GUIDE

Questions about anything in this guide?

COVER: Belfield M-CORE™ 3-Series Shower Only (UT3312EP), Belfield M-CORE™ transfer valve (UT4301), handshower with slidebar (3667EP), drop ell (A725), Chrome

U by Moen™ 2-Outlet Controller (TS3302TB)

Via ExactTemp® shower with handshower/slidebar (3988) and ceiling-mount rainshower (S1004)

A Better Shower Experience

You want a shower that makes water feel therapeutic. One that can wash away tension, invigorate the spirit or simply provide a few moments of indulgent solitude every day.

With a range of valve options, showering devices and product innovations, Moen® helps homeowners, designers and installers create custom showers that deliver a fully personalized experience. It all starts by discovering what an ideal shower means to the people who'll use it.

Flara ExactTemp® shower and free-standing tub filler with matching bath accessories

Design Your Shower

Personalizing your shower experience starts
by thinking through four primary considerations.

CONFIGURATION
**Consider how many walls
you'll use.**

How many of the walls surrounding
your shower will be glass? Want all
of 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 you need to include a tub spout?

*Find dozens of shower configuration
ideas starting on page 13.*

SHOWERING DEVICES
Select water spray options.

Showerhead. Handshower.
Rainshower. Body sprays. Which
do you prefer? How many of each?

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

VALVE OPTIONS
Take control.

The options can seem complicated,
but it's really just a matter of how
you'd like your shower to function.
Do you want your shower to be
a part of your smart home?
Would you like to control water
volume and temperature
independently? Do you want
to use more than one showering
device at the same time?*

*The overview chart on page 5 is a
great place to start exploring your
Moen valve options.*

TRIM STYLE AND FINISH
Get the perfect look.

The handles, showerhead style and
connections to your wall are called
trim. Is your trim style minimalist
modern? Or are you going for a
more elegant, traditional look?
Do you prefer mirror-like Chrome or
the bold statement of Matte Black?

*Browse trim collections by style
category at moen.com.*

Ceiling-mount Rainshower (S1003)

U by Moen™ Controller (TS3304BL), rainshower (S112WR),
handshower (3558BL), drop ell (A725WR),
multi-function pivoting bodyspray (TS1422BL)

*Where local water use regulations allow.

Terms to Know

Getting familiar with a few commonly used terms will help you navigate the shower planning process.

Annex™ Shower Rail system (TS3661NH) with Eva® shower trim (T2131), handshower (164927), and rainshower (6345)

EXPERT ADVICE
When meeting with a designer about the plan for your bath, it's helpful to have rough measurements of your shower area.

Showering Device

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

Trim

The visible, decorative parts of your shower – examples include handles, escutcheon plates 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 to a secondary valve (a volume control or transfer valve) which, in turn, directs water flow. Moen® offers four mixing valves: U by Moen™, 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 multiple showering devices individually or 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 in order 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 ±3.6°F (±2°C).

Understanding Moen® Valves

Different valves give you a variety of ways to control – and design – your shower.

VALVE	TYPE	HOW IT WORKS
U by Moen™	Digital Thermostatic	• Voice control, remote activation or push button • Set and maintain temperature with precise accuracy • Features include Pause and Preset personalization controls • Choose from a 2-port option that flows 2 showering devices or a 4-port option that can flow up to 4 showering devices
ExactTemp® ¾"	Thermostatic	• Precise temperature control • Temperature override button allows user to exceed 105˚ temperature safety stop with a maximum temperature of 120˚ • High flow capacity supplies up to four showering devices • Must be used with at least one ExactTemp ¾" volume control valve
ExactTemp ¾" Volume Control	Volume Control	• Controls flow to a single showering device • Rotate handle to adjust volume of water • Must be used with ExactTemp ¾" mixing valve
M-CORE™ 2-Series	Pressure Balancing*	• Rotate handle to turn on flow of water and to adjust temperature, does not feature variable volume control • Cartridge for M-CORE valves are included in the M-CORE trim kits
M-CORE™ 3-Series	Pressure Balancing and Volume Control*	• Lift handle up to turn on flow of water. The higher the handle position the more volume of water. • Pivot handle left or right for temperature control • Cartridge for M-CORE valves are included in the M-CORE trim kits
Posi-Temp®	Pressure-Balancing	• Temperature control: rotate handle to turn on flow of water and to adjust temperature, does not feature variable volume control
Transfer Valve	Transfer	• Directs water to different showering devices • Supports 2 or 3 showering devices • Available with independent (1 device in use at a time) or shared (any 2 devices used at once) functions

*Cartridges are included in M-CORE trim kits.

EXPERT ADVICE
Running multiple showering devices at once can quickly drain an undersized conventional hot water tank. Assess the size and type of your current water heater. It might be the right time to include an upgrade as part of your bathroom remodel.

Ů BY MOEN

SMART SHOWER™

**Want the perfect shower? All you have to do is ask.**

With three ways to control your smart shower –
the sound of your voice, a swipe of your smartphone
app or the touch of the sleek wall controller –
U by Moen™ will transform the way you shower.
You can even save personalized settings as preset
experiences you can call up anytime.

WORKS WITH **alexa**

works with **Hey Google**

Works with **Apple HomeKit**

For a complete product demo, visit moen.com
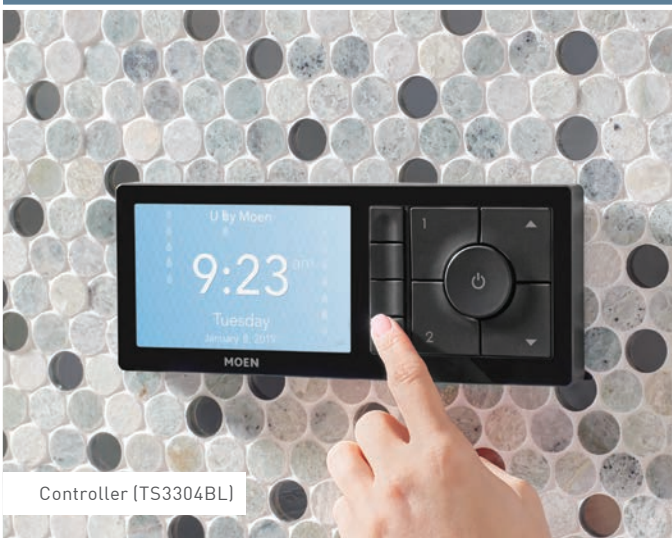
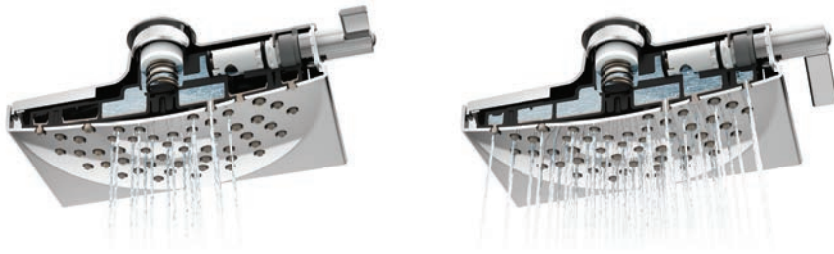Controller (TS3304BL)
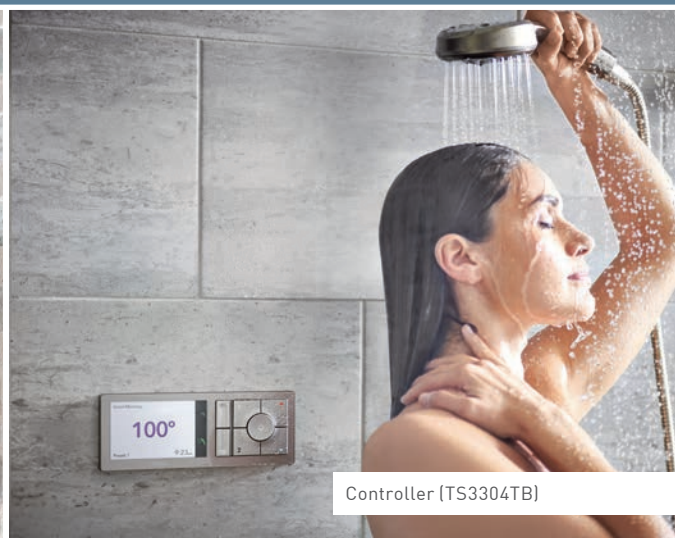
Controller (TS3304TB)

M-CORE™

Adapted to your needs.

Flexibility is at the heart of the M-CORE valve system. For pros, M-CORE includes a straightforward design and built-in features that streamline and speed up installation. For homeowners, it lets them make trim style decisions and functionality updates after the valve has been plumbed. Plus, M-CORE offers more matching trim for mixing valves and transfer valves across a wider array of trim options than ever – including all Moen® showroom collections.

Image to the right: Flara M-CORE™ 3-Series with integrated transfer valve (UTS2411BG), handshower with slide bar (3868EPBG), drop ell (A725BG), rainshower (S6365BG),

IMMERSION® RAINSHOWER TECHNOLOGY

Consistently invigorating.

By sending water through a series of self-pressurized channels, Immersion creates ideal force and distributes it evenly across the entire spray pattern.

FLUSHMOUNT BODY SPRAYS

Ahhh-mazing.

Tilt the spray to cover every inch of your body. Or just that one spot. Multi-function models also let you toggle between soothing rinse to invigorating spray.

Pivoting body spray (TS1320)

SHOWER RAILS

More functionality. Less construction.

Transform your standard shower by adding more showering options without a costly remodel.

Annex™ shower rail (TS3661NH), Align shower trim (T2191), handshower (155891), rainshower (S112) and shower arm (S110)

Before

After

ANNEX™

Add any showerhead and handshower style you wish, then transfer water from one to the other.

NEBIA BY MOEN™

Enjoy the full-coverage, water-saving atomized spray experience from a rainshower and handshower.

Nebia by Moen™ shower rail system (N2070BL)

Magnetix® handshower (3662EPBN)

Magnetix® handshower (3662EPBN)

MAGNETIX® HANDSHOWER

It's a snap to use.™

So easy, you can do it with your eyes closed. Or full of soap. An integrated magnet securely snaps back into place when you place it near the shower arm dock.

BATH SAFETY PRODUCTS

A fresh look at safety.

Slips and falls in the bath are a danger for everyone. The good news? Making your shower safer doesn't have to detract from its beauty. Decorative grab bars, designed to coordinate with Moen® shower trim collections, add style and stability.

Learn more about bathroom safety products at: moen.com

90° grab bar (YG8824)
90° shower trim (TS2711)
Teak shower seat (DH7110)

M•PACT® COMMON VALVE SYSTEM

Change your mind, not your plumbing.

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.
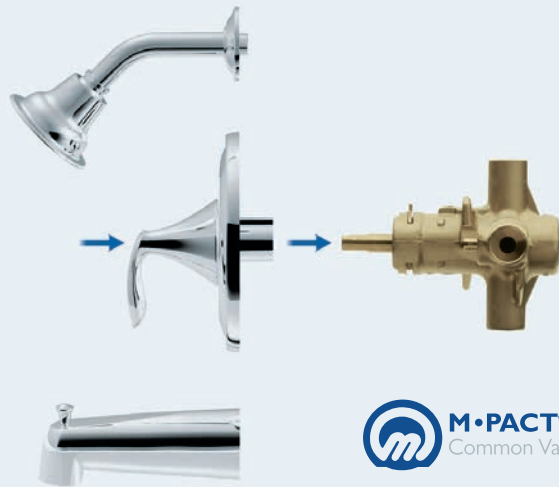
M•PACT®
Common Valve System

U by Moen™ shower, Voss faucets and matching accessories
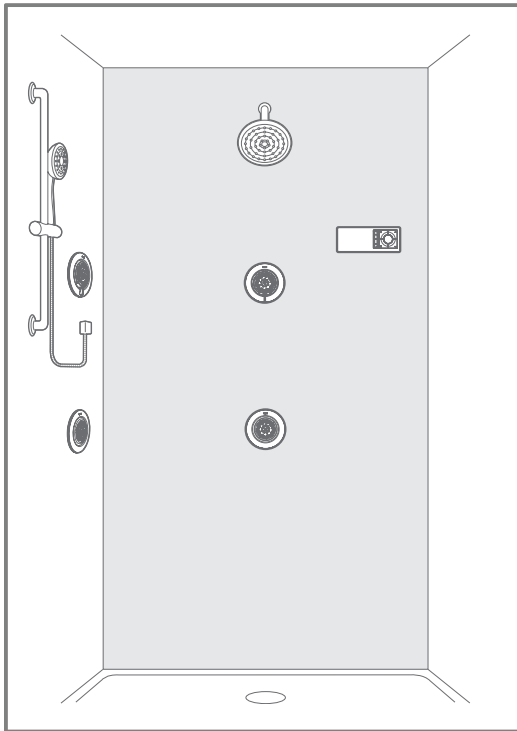
DREAM SPAS

The Ultimate Luxury

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.

Voss ExactTemp® shower system with pivoting body sprays (TS1320BN), slidebar/handshower (3988EPBN) and drop ell (A721BN)
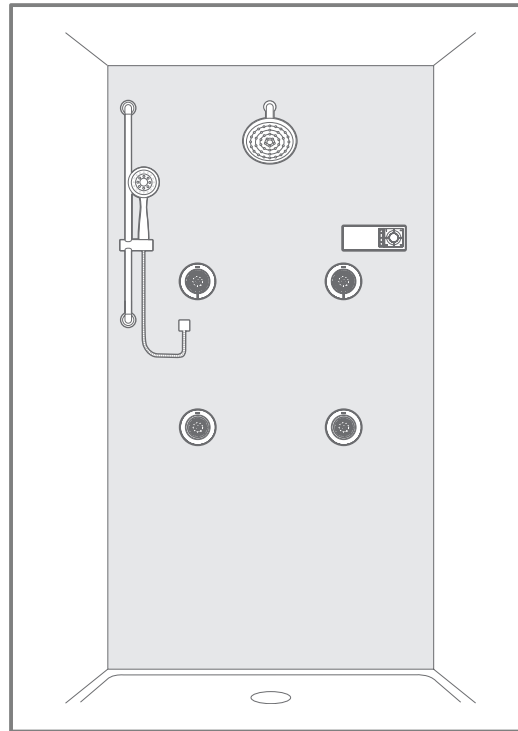
U by Moen™

U by Moen | Dream Spa
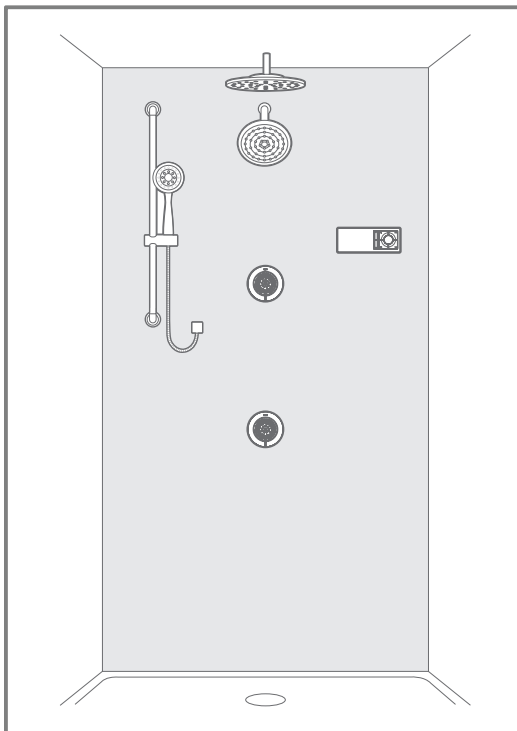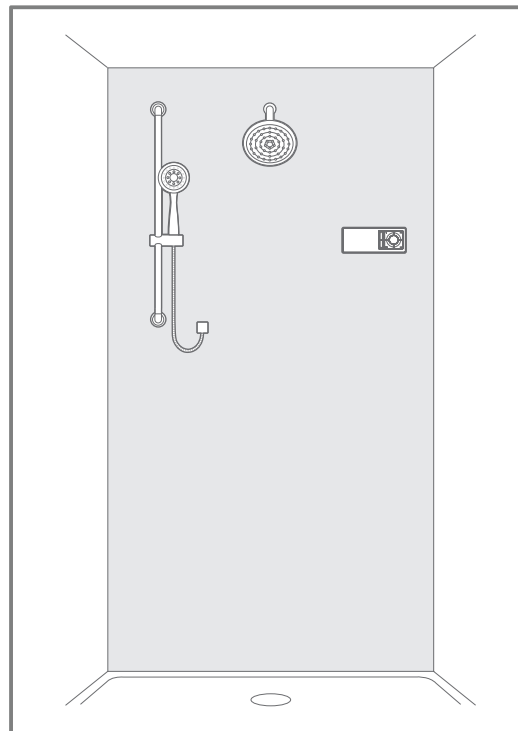
U by Moen | Dream Spa

U by Moen | Dream Spa

U by Moen | Dream Spa

ExactTemp®

ExactTemp | Dream Spa
CONFIGURATION 05

(Installation diagram on page 20.)

ExactTemp | Dream Spa
CONFIGURATION 06

(Installation diagram on page 21.)

ExactTemp | Dream Spa
CONFIGURATION 07

(Installation diagram on page 22.)

ExactTemp | Dream Spa
CONFIGURATION 08

(Installation diagram on page 23.)

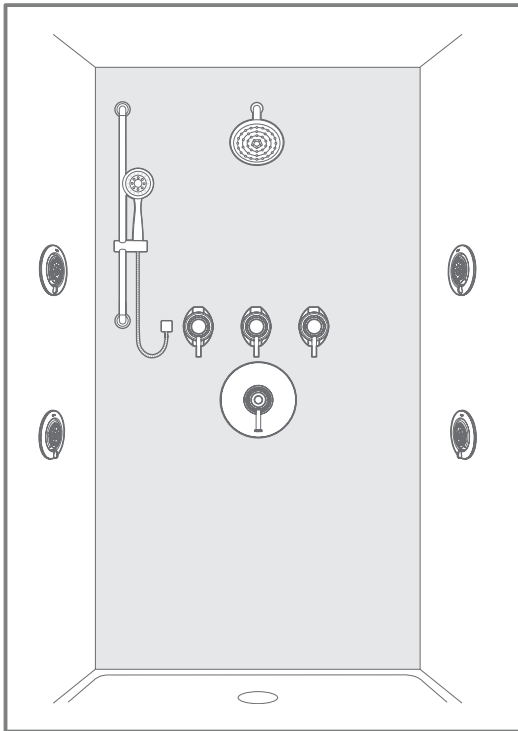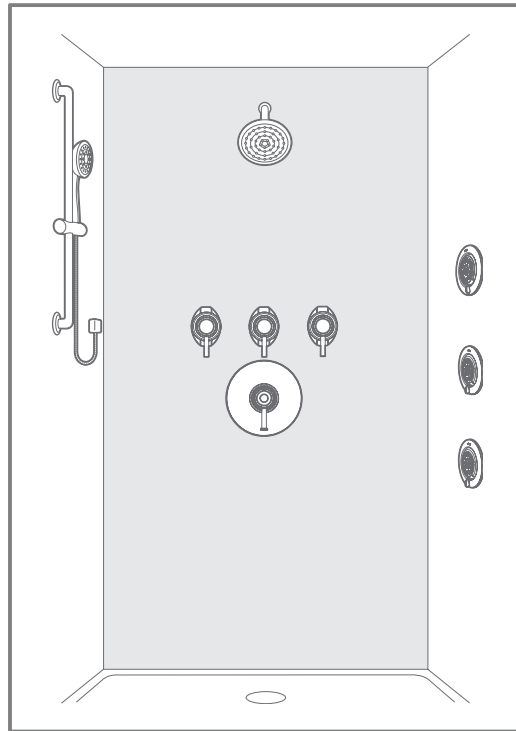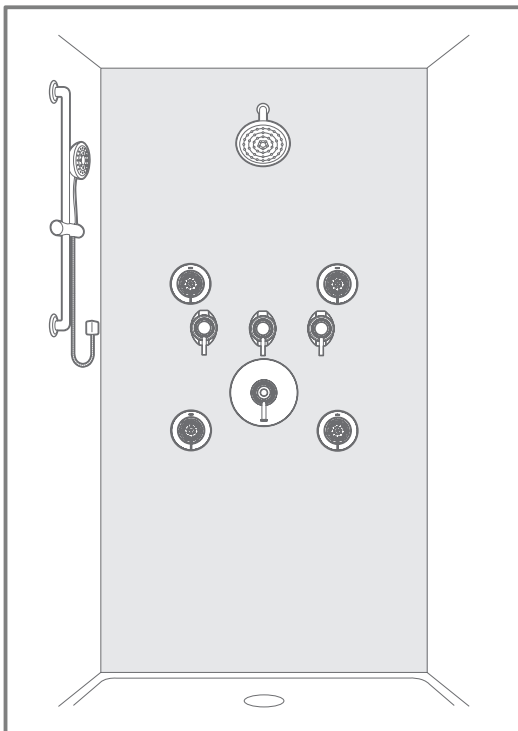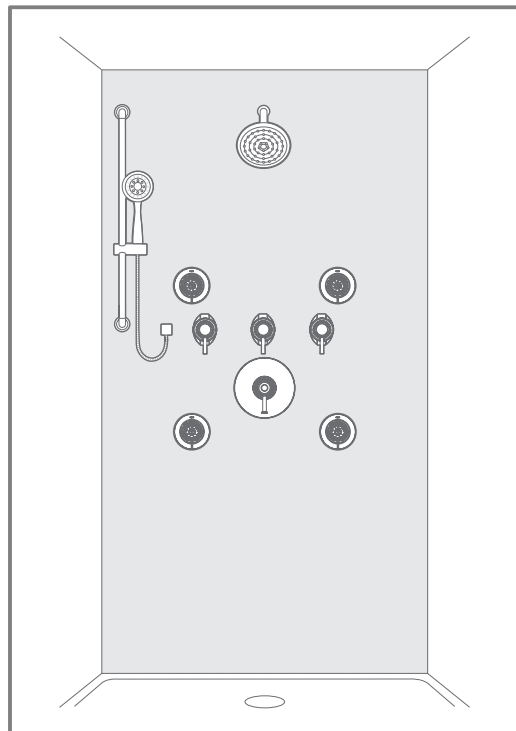# ExactTemp®

ExactTemp | Dream Spa
CONFIGURATION 09

(Installation diagram on page 24.)

ExactTemp | Dream Spa
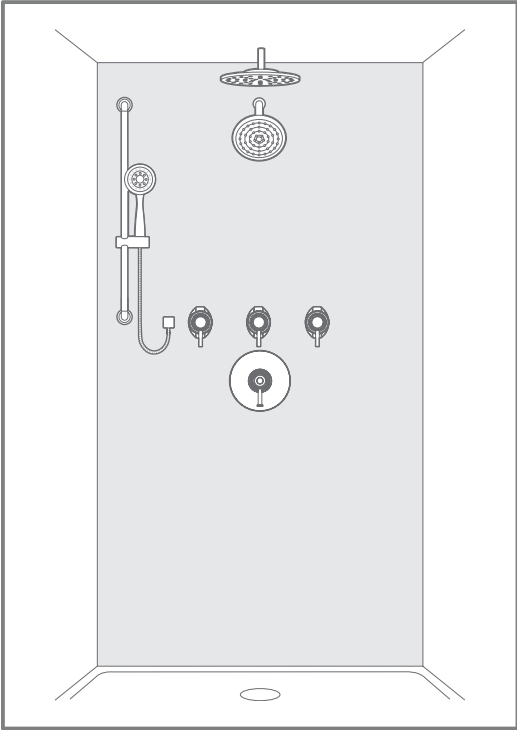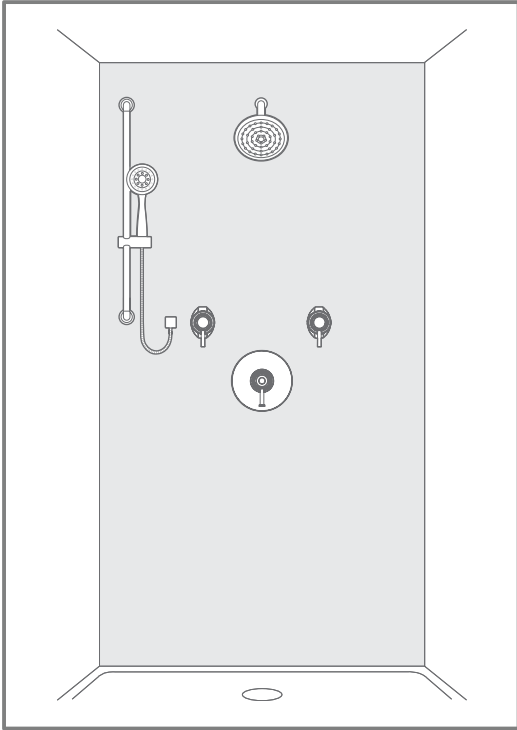CONFIGURATION 10

(Installation diagram on page 25.)
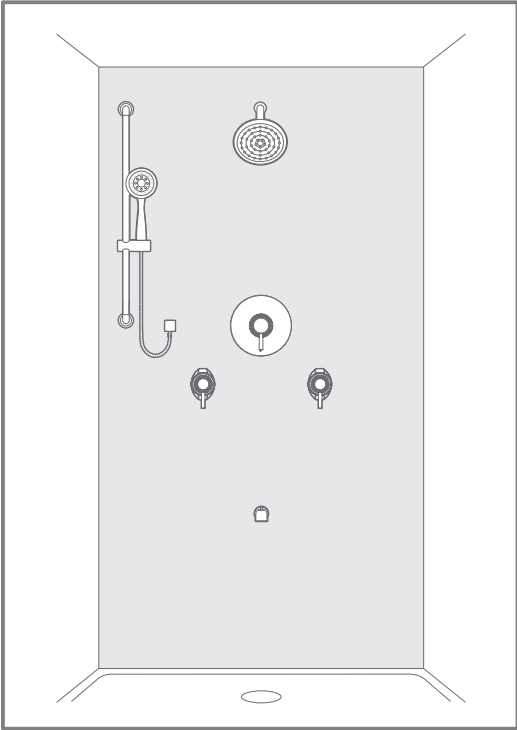
ExactTemp | Dream Spa
CONFIGURATION 11

(Installation diagram on page 26.)

U by Moen™ | Dream Spa

U by Moen 4-Outlet Valve
4 Showering Devices Two Walls

✳ 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 $8\frac{11}{16}$" × $3\frac{3}{8}$" 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 equal supply of water to each body spray. Maximum of 3 body sprays on 1 outlet.

✳ 2 body sprays may be operated as 1 function

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

78"

60"

54"

4" minimum

34"

4" minimum

Battery Box (optional)

1/2" WATER OUTLETS

D C   B A

Back of valve faces into shower

Water inlets are opposite of how typical plumbing is installed

GFCI with AC power adapter

Data Cable

Plumb outlet 'A' to primary showerhead

Ensure access to shutoffs in hatch

Ⓒ 3/4" COLD WATER INLET   3/4" HOT WATER INLET Ⓗ

Recommended Access Panel 14" x 29" minimum

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Multi-Function Body Spray (x2)

Single-Function Body Spray (x2)

U by Moen Shower 4-Outlet Controller

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

U by Moen™ | Dream Spa

U by Moen 4-Outlet Valve
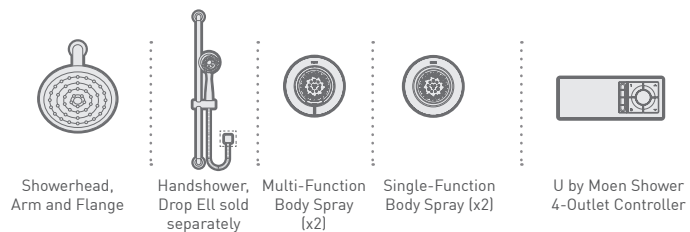4 Showering Devices One Wall

✳ 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 $8\frac{11}{16}$" × $3\frac{3}{8}$" 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 equal supply of water to each body spray. Maximum of 3 Body sprays on 1 outlet.

✳ 2 body sprays may be operated as 1 function

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

Distance should be 12"minimum, 16"recommended 20"maximum.

78"
60"
4" minimum
54"
34"

Battery Box (optional)

GFCI with AC power adapter

Data Cable

1/2" WATER OUTLETS

D C B A

Plumb outlet 'A' to primary showerhead

Back of valve faces into shower

Water inlets are opposite of how typical plumbing is installed

Ensure access to shutoffs in hatch

Ⓒ 3/4" COLD WATER INLET   3/4" HOT WATER INLET Ⓗ

Recommended Access Panel 14" x 29" minimum

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Multi-Function Body Spray (x2)

Single-Function Body Spray (x2)

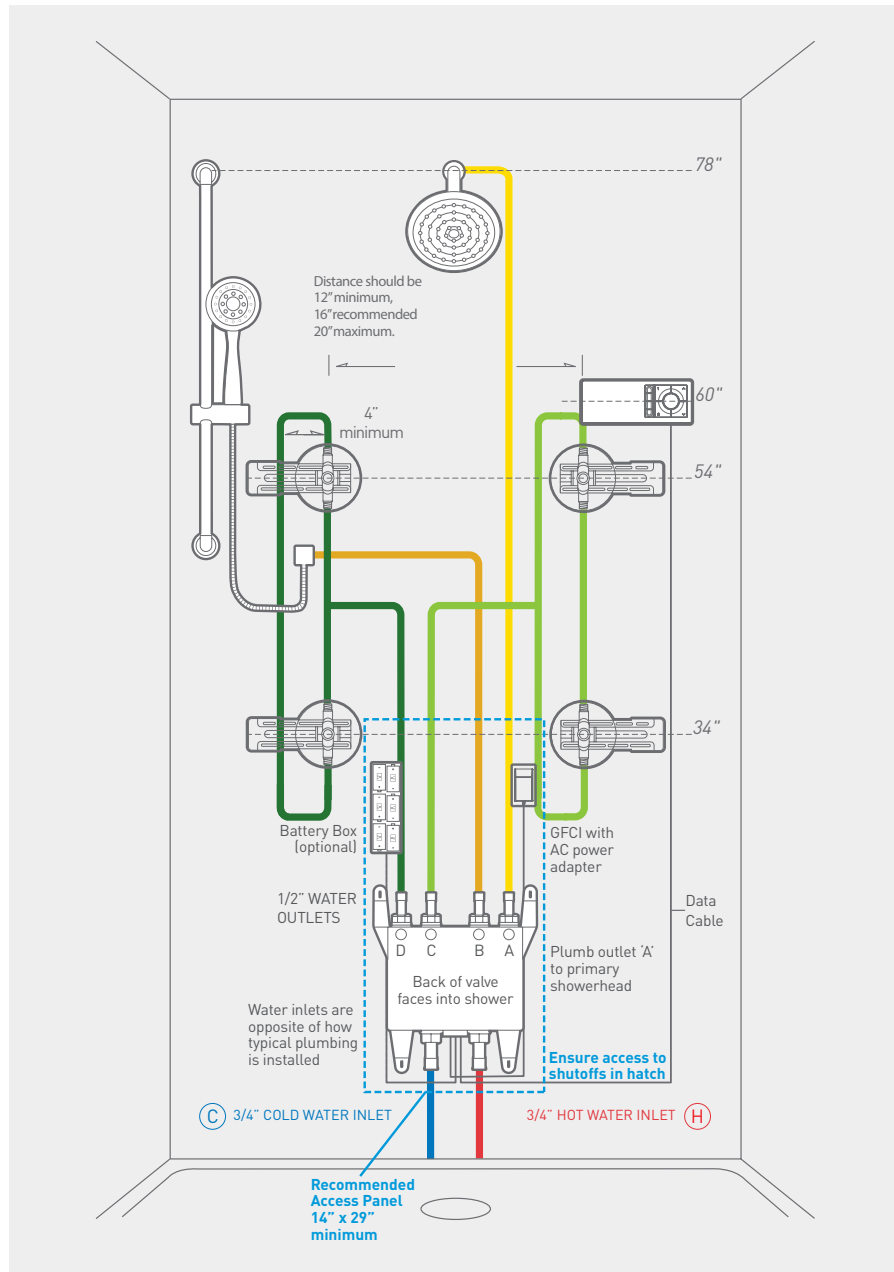U by Moen Shower 4-Outlet Controller

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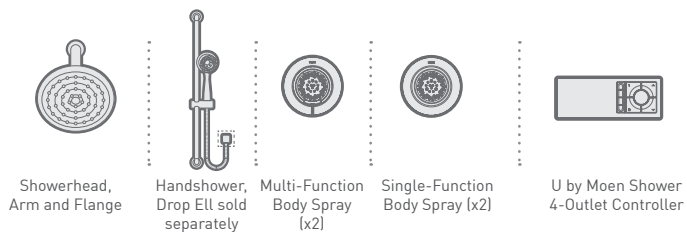
U by Moen™ | Dream Spa

U by Moen 4-Outlet Valve
4 Showering Devices One Wall and Ceiling

✳ 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 $8\frac{11}{16}$" × $3\frac{3}{8}$" 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 equal supply of water to each body spray. Maximum of 3 body sprays on 1 outlet.

✳ 2 body sprays may be operated as 1 function

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

78"

60"

54"

4" minimum

Recommended Access Panel 14" x 29" minimum

Battery Box (optional)

GFCI with AC power adapter

Data Cable

1/2" WATER OUTLETS

D C B A

Plumb outlet 'A' to primary showerhead

Back of valve faces into shower

Water inlets are opposite of how typical plumbing is installed

Ensure access to shutoffs in hatch

34"

Ⓒ 3/4" COLD WATER INLET   3/4" HOT WATER INLET Ⓗ

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Rainshower and Arm

Single-Function Body Spray (x2)
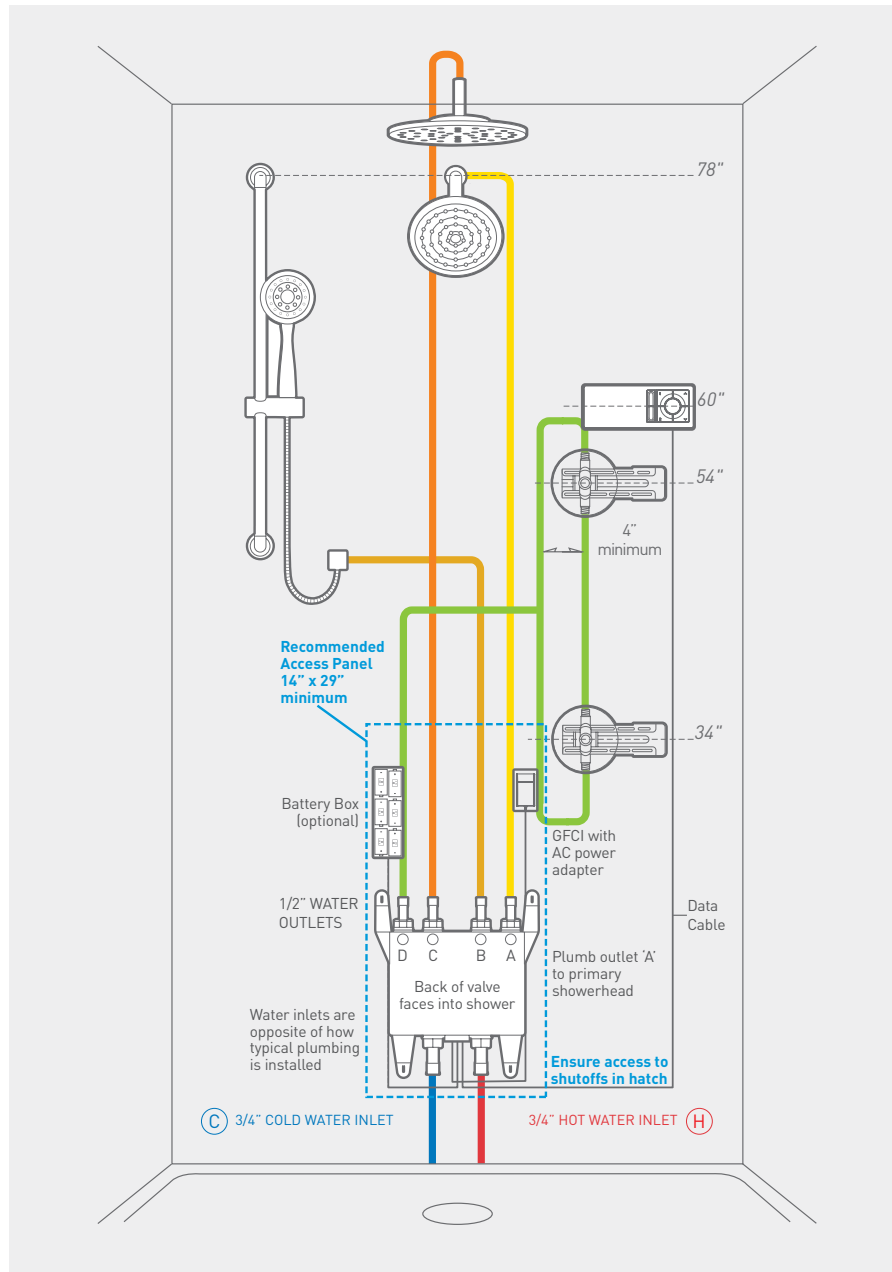
U by Moen Shower 4-Outlet Controller

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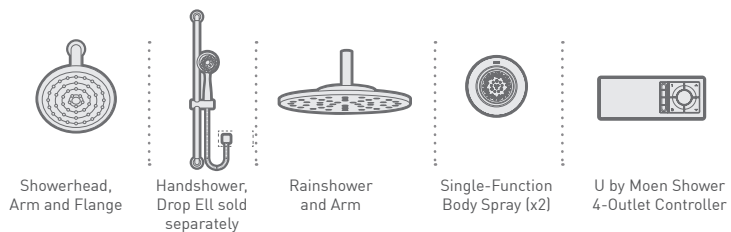
U by Moen™ | Dream Spa

U by Moen 2-Outlet Valve
2 Showering Devices One Wall

✳ 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" × 3⅜" space within the shower

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

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

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

78"

60"

Recommended Access Panel 14" x 29" minimum

Battery Box (optional)

GFCI with AC power adapter

1/2" WATER OUTLETS

B   A

Data Cable

Plumb outlet 'A' to primary showerhead

Back of valve faces into shower

Water inlets are opposite of how typical plumbing is installed

Ensure access to shutoffs in hatch

C 1/2" COLD WATER INLET   1/2" HOT WATER INLET H

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

Showerhead, Arm and Flange

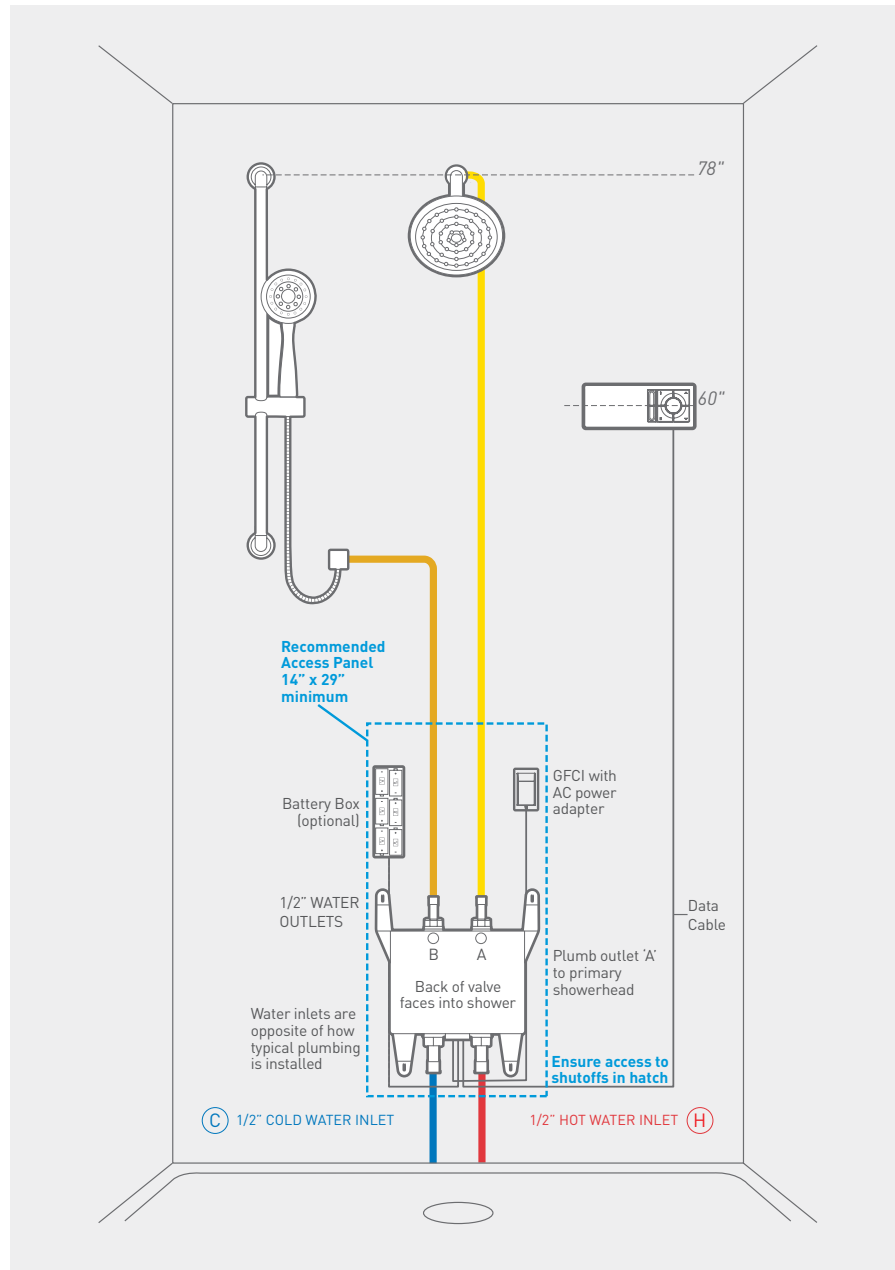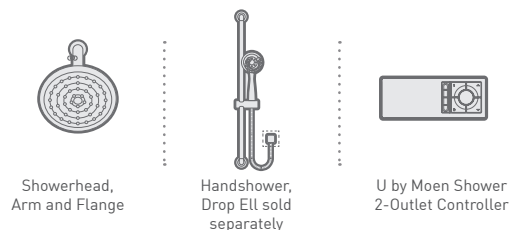Handshower, Drop Ell sold separately

U by Moen Shower 2-Outlet Controller

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

ExactTemp® | Dream Spa

ExactTemp 3/4" Mixing and Volume Control Valves
3 Showering Devices Three Walls

✳ Always use included plug for tub port when using ExactTemp ¾" valve (S3371) in a shower spa configuration

✳ Arrow on ¾" volume control valve (S3600) should always point in direction of flow

✳ Primary showerhead

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

✳ Body sprays require a pressure-balancing loop to allow for equal supply of water to each body spray. Maximum of 4 body sprays on 1 volume control valve.

78"
54"
8"   8"
48"
44"
40"
Cap
34"

3/4" HOT WATER INLET (H)   (C) 3/4" COLD WATER INLET

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

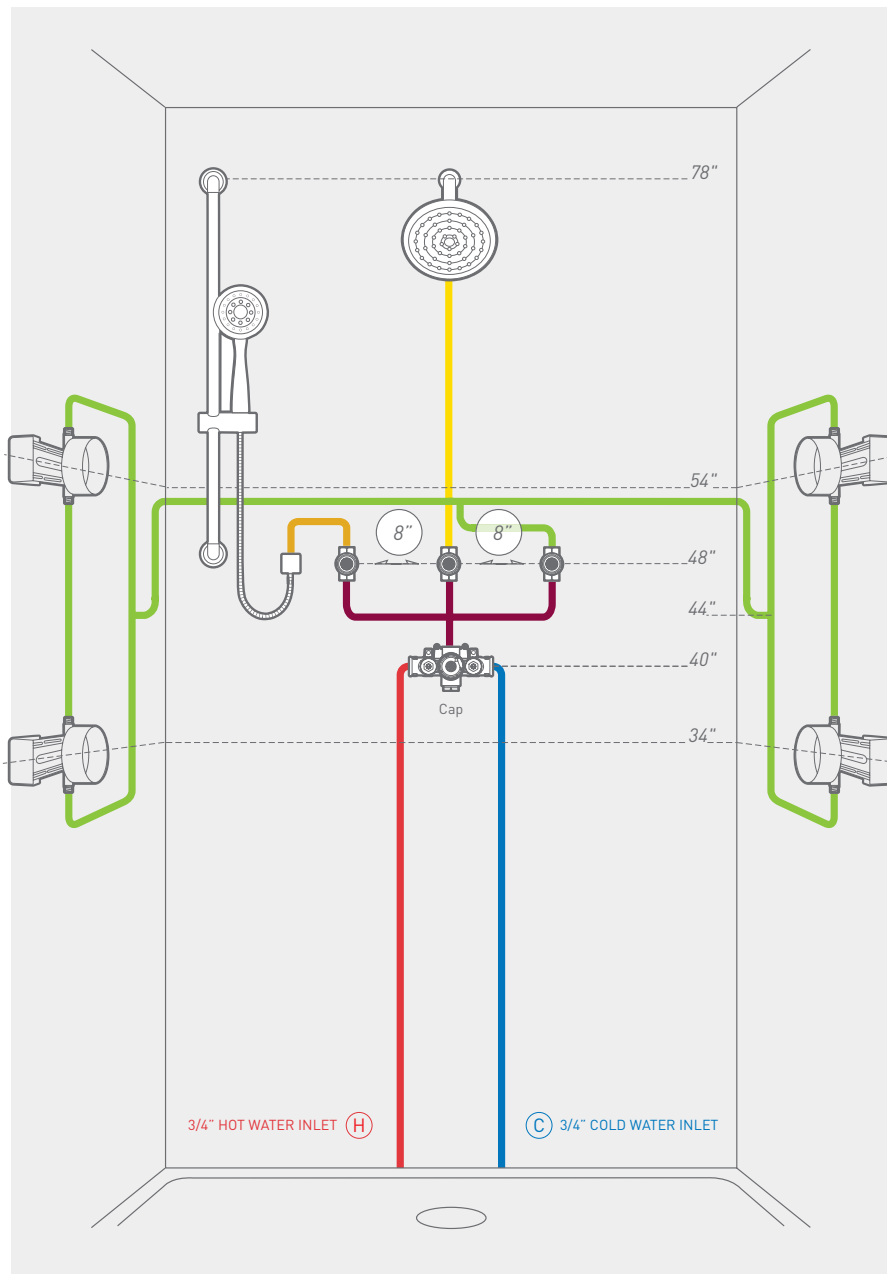| Showerhead, Arm and Flange | Handshower, Drop Ell sold separately | Multi-Function Body Spray (x4) | Volume Control Trim (x3) | ExactTemp Valve |

All vertical dimensions measured from the floor. Dimensions listed are suggested.
Refer to specification sheet for critical dimensions for installation.
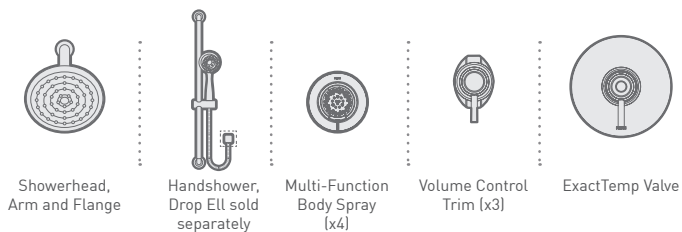
ExactTemp® | Dream Spa

ExactTemp 3/4" Mixing and Volume Control Valves
3 Showering Devices Three Walls

✳ Always use included plug for tub port when using ExactTemp ¾" valve (S3371) in a shower spa configuration

✳ Arrow on ¾" volume control valve (S3600) should always point in direction of flow

✳ Primary showerhead

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

✳ Body sprays require a pressure-balancing loop to allow for equal supply of water to each body spray. Maximum of 4 body sprays on 1 volume control valve.

78"
54"
48"
42"
40"
30"
8"
8"
Cap

3/4" HOT WATER INLET (H)   (C) 3/4" COLD WATER INLET

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Multi-Function Body Spray (x3)
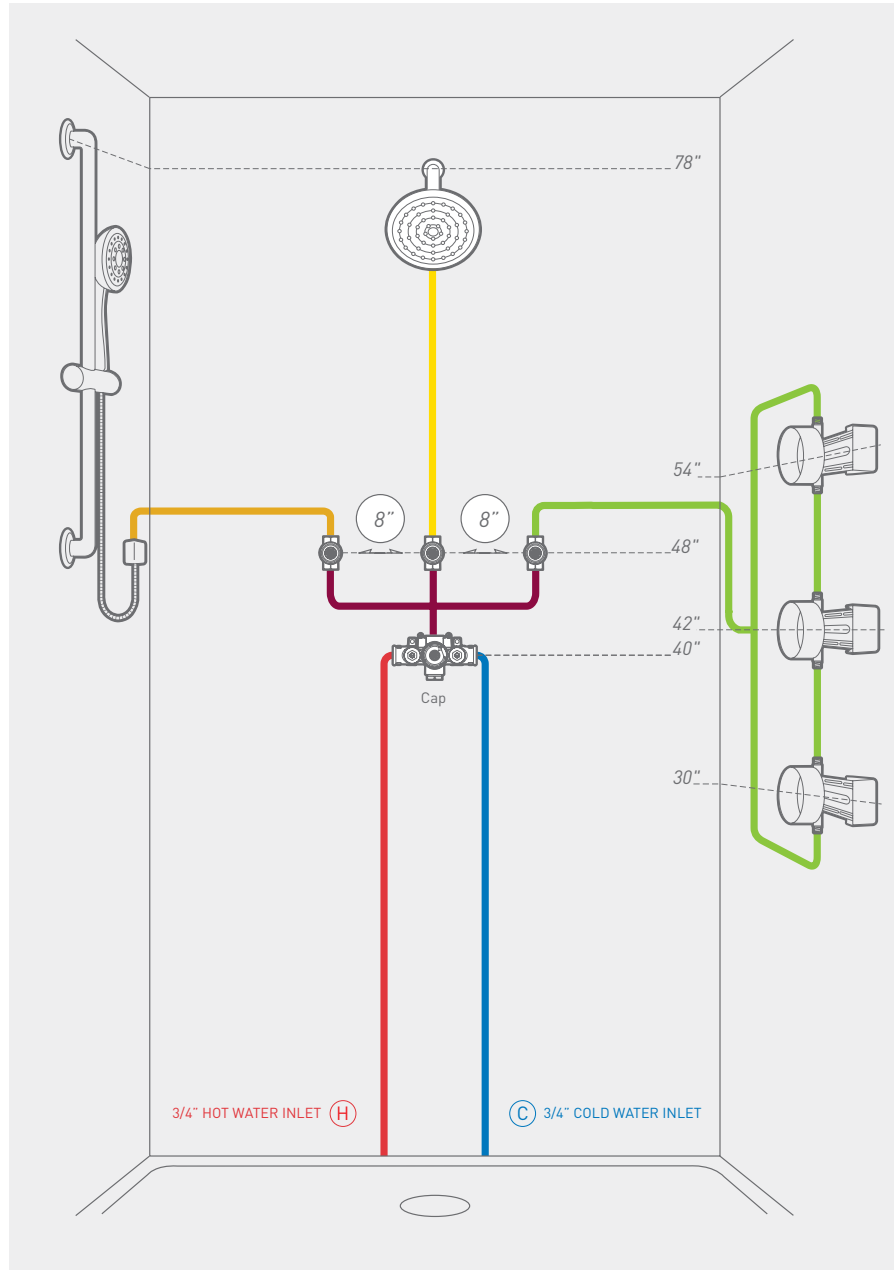
Volume Control Trim (x3)

ExactTemp Valve

All vertical dimensions measured from the floor. Dimensions listed are suggested.
Refer to specification sheet for critical dimensions for installation.
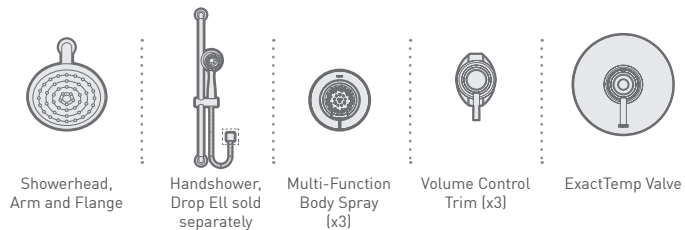
ExactTemp® | Dream Spa

ExactTemp 3/4" Mixing and Volume Control Valves
3 Showering Devices Two Walls

✳ Always use included plug for tub port when using ExactTemp ¾" valve (S3371) in a shower spa configuration

✳ Arrow on ¾" volume control valve (S3600) should always point in direction of flow

✳ Primary showerhead

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

✳ Body sprays require a pressure-balancing loop to allow for equal supply of water to each body spray. Maximum of 4 body sprays on 1 volume control valve.

78"

Distance should be 12" minimum, 16" recommended 20" maximum.

54"

8"   8"

48"

44"

40"

Cap

34"

3/4" HOT WATER INLET (H)   (C) 3/4" COLD WATER INLET

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Multi-Function Body Spray (x4)
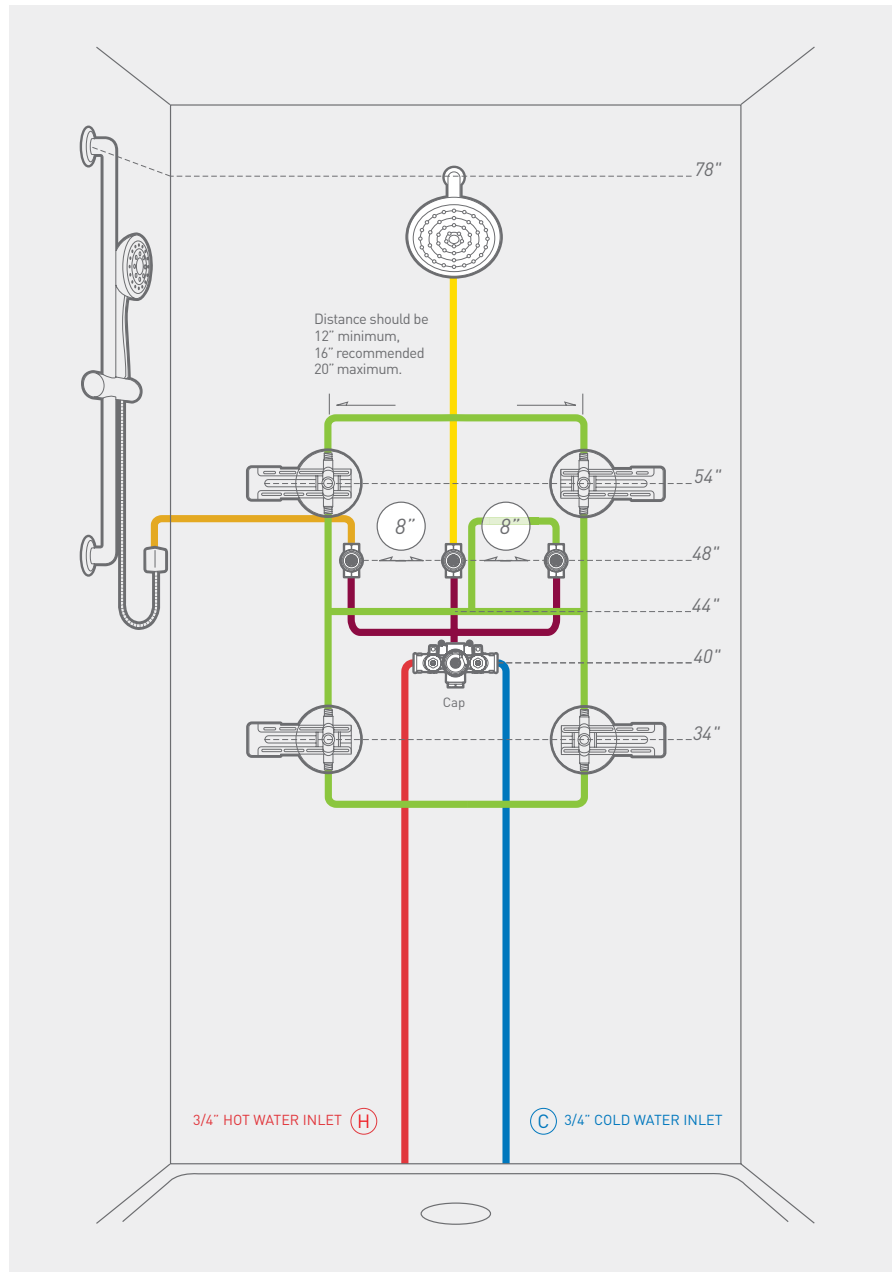
Volume Control Trim (x3)

ExactTemp Valve

All vertical dimensions measured from the floor. Dimensions listed are suggested.
Refer to specification sheet for critical dimensions for installation.
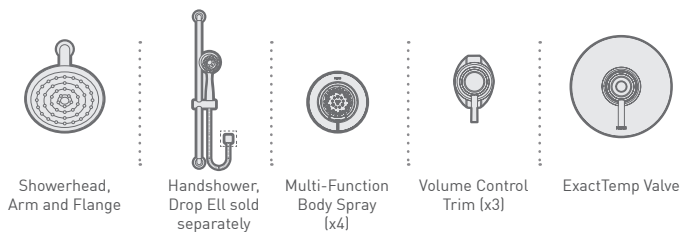
ExactTemp® | Dream Spa

ExactTemp 3/4" Mixing and Volume Control Valves
3 Showering Devices One Wall

✳ Always use included plug for tub port when using ExactTemp ¾" valve (S3371) in a shower spa configuration

✳ Arrow on ¾" volume control valve (S3600) should always point in direction of flow

✳ Primary showerhead

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

✳ Body sprays require a pressure-balancing loop to allow for equal supply of water to each body spray. Maximum of 4 body sprays on 1 volume control valve.

Distance should be 12" minimum, 16" recommended 20" maximum.

78"

54"

8"   8"

48"

44"

40"

Cap

34"

3/4" HOT WATER INLET (H)   (C) 3/4" COLD WATER INLET

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Multi-Function Body Spray (x4)
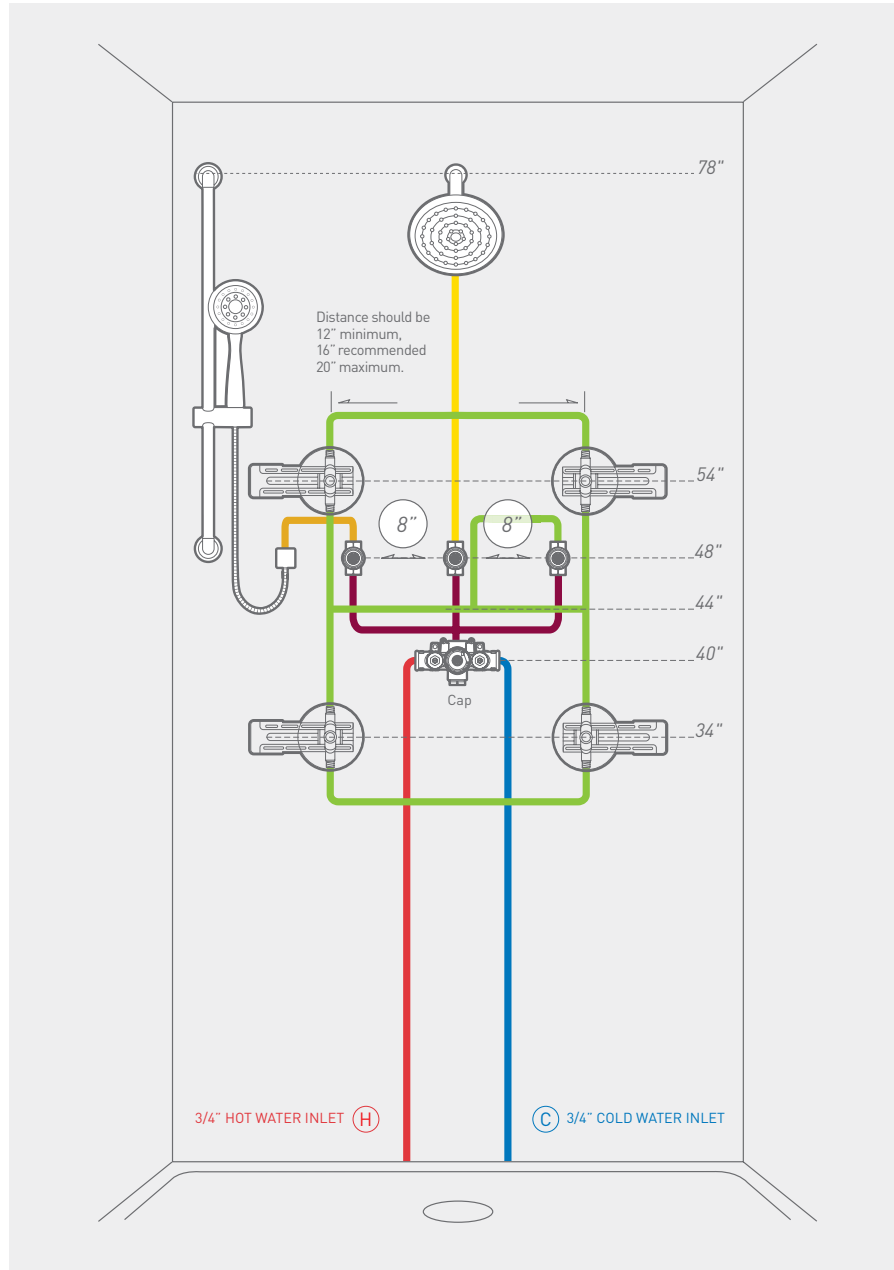
Volume Control Trim (x3)

ExactTemp Valve

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
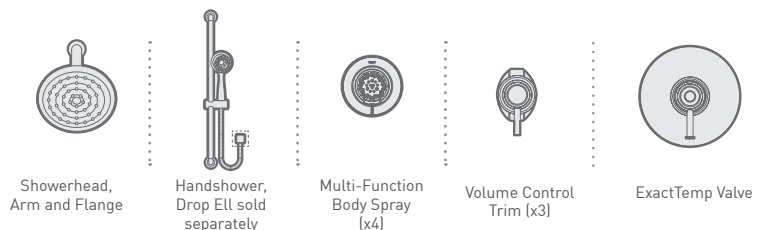
ExactTemp® | Dream Spa

ExactTemp 3/4" Mixing and Volume Control Valves
3 Showering Devices One Wall and Ceiling

❋ Always use included plug for tub port when using ExactTemp ¾" valve (S3371) in a shower spa configuration

❋ Arrow on ¾" volume control valve (S3600) should always point in direction of flow

❋ Primary showerhead

❋ Ceiling-mounted rainshower

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

78"

8"   8"

48"

40"

Cap

3/4" HOT WATER INLET (H)   (C) 3/4" COLD WATER INLET

| Showerhead, Arm and Flange | Handshower, Drop Ell sold separately | Rainshower, Arm and Flange | Volume Control Trim (x3) | ExactTemp Valve |

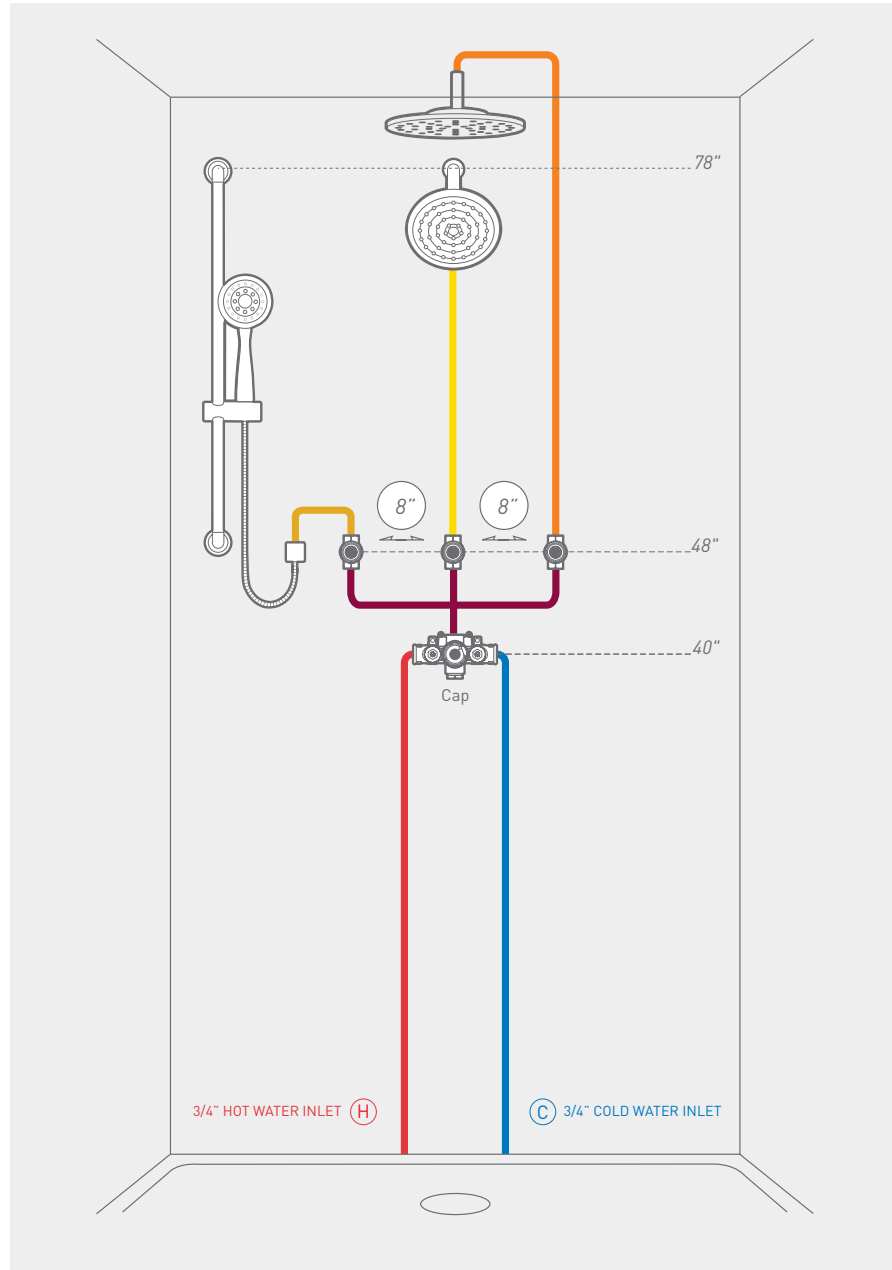Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested.
Refer to specification sheet for critical dimensions for installation.
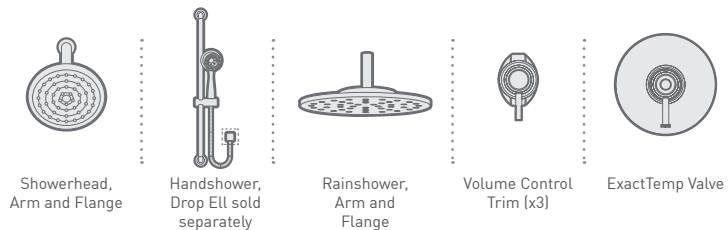
ExactTemp® | Dream Spa

ExactTemp 3/4" Mixing and Volume Control Valves
2 Showering Devices One Wall

✳ Always use included plug for tub port when using ExactTemp ¾" valve (S3371) in a shower spa configuration

✳ Arrow on ¾" volume control valve (S3600) should always point in direction of flow

✳ Primary showerhead

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

78"

16"

48"

40"

Cap

3/4" HOT WATER INLET Ⓗ   Ⓒ 3/4" COLD WATER INLET

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Volume Control Trim (x2)

ExactTemp Valve

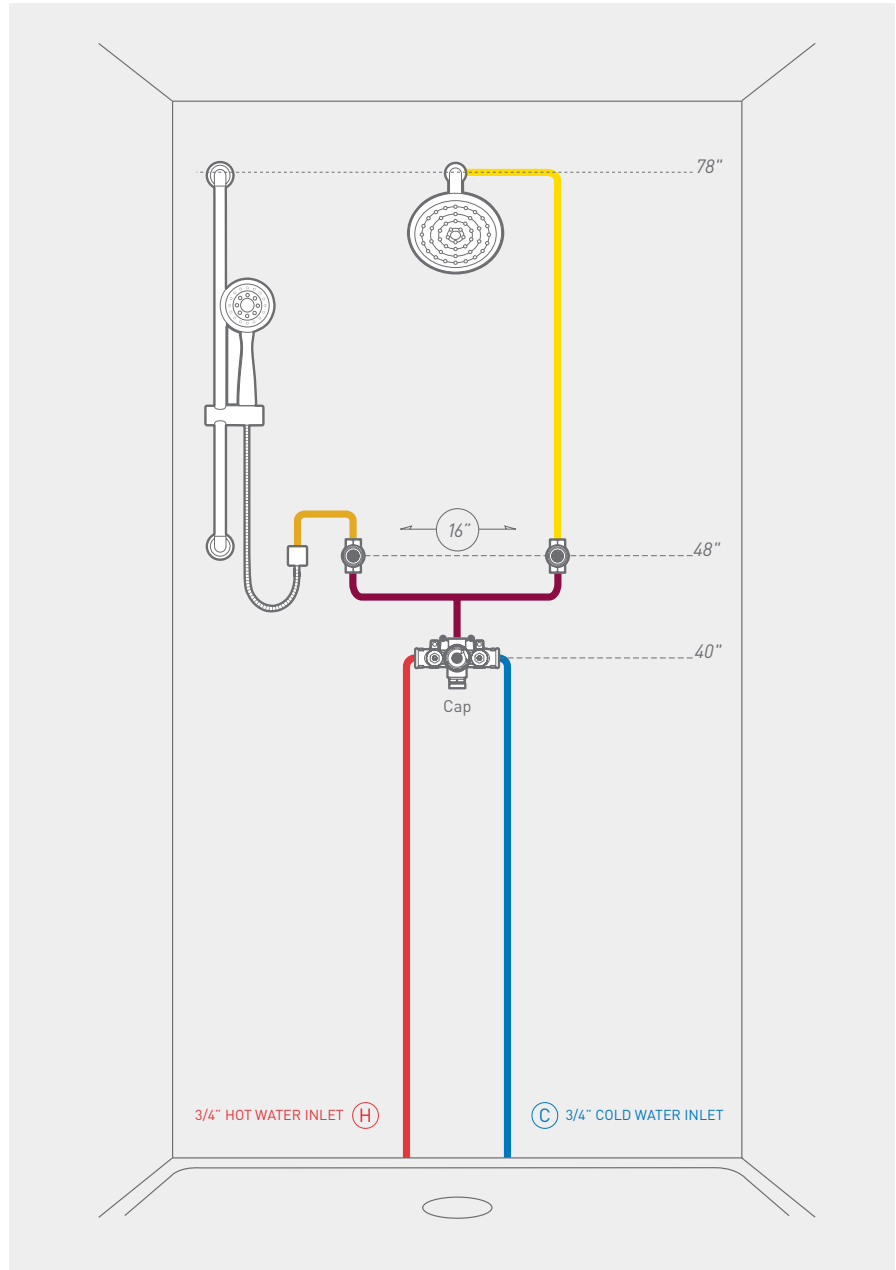Shower spa trim is compatible with the M•PACT® Common Valve System.

All vertical dimensions measured from the floor. Dimensions listed are suggested.
Refer to specification sheet for critical dimensions for installation.
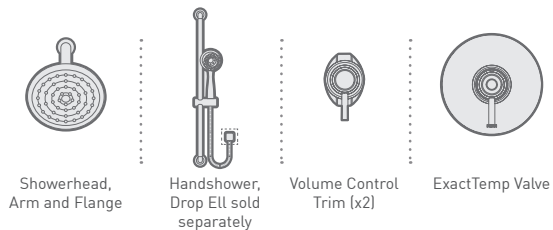
ExactTemp® | Dream Spa

ExactTemp 3/4" Mixing and Volume Control Valves
2 Showering Devices and Diverting Tub Spout One Wall

✳ Always use included plug for tub port when using ExactTemp ¾" valve (S3371) in a shower spa configuration

✳ Arrow on ¾" volume control valve (S3600) should always point in direction of flow

✱ Primary showerhead

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

✱ Diverter tub spout

- When using a diverter tub spout with a ¾" 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

Cap

78"

48"

40"

16"

From Flow Valve   1/2"

To Shower Head   1/2"

3/4"

3/4" HOT WATER INLET (H)

(C) 3/4" COLD WATER INLET

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Diverter Tub Spout

Volume Control Trim (x2)

ExactTemp Valve

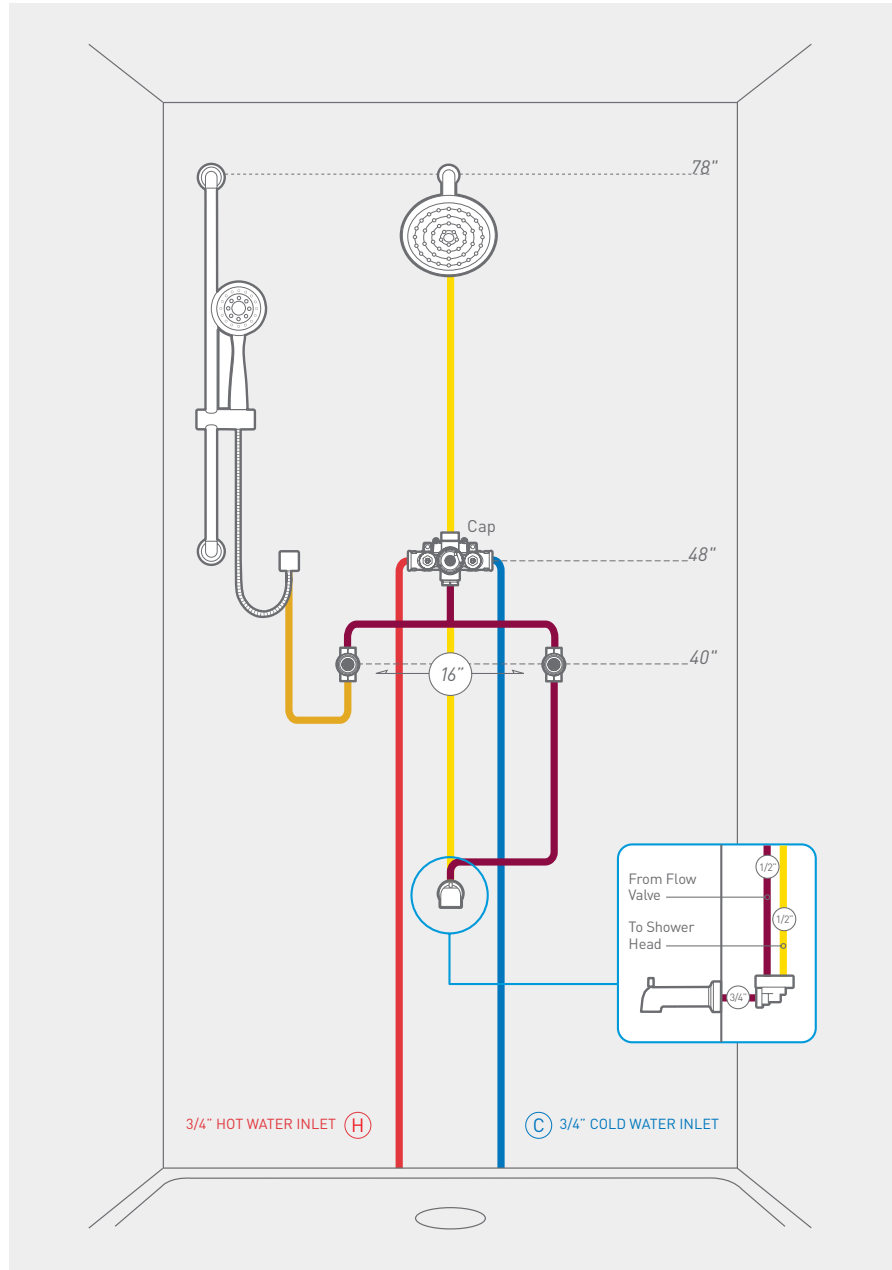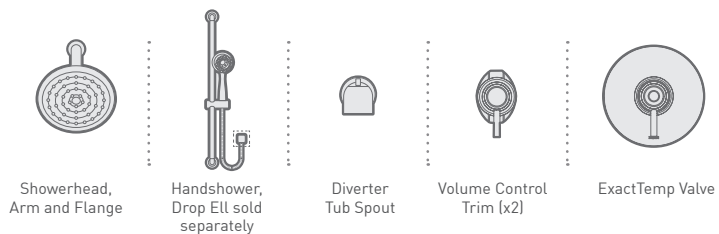**NOTE:** This configuration is intended for use with a diverter tub spout.

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

U by Moen™ Controller (TS3304BL), rainshower (S112WR), handshower (3558BL), drop ell (A725WR), multi-function pivoting body spray (TS1422BL)

Align® M-CORE™ shower integrated transfer valve (UT3290BL),
showerhead (S176BL), handshower/slidebar (3887EPBL) and drop ell (A725WR)

SHOWER SPAS

Water, Your Way

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

Genta Posi-Temp® shower only (T2472EPBN), M-CORE™ transfer valve (UT2401BN) slidebar/handshower (3558EPBN) and drop ell (A725BN)

Flara M-CORE™ 3-Series with transfer valve (UTS2411BG), handshower
with slide bar (3868EPBG), drop ell (A725BG), rainshower (S6365BG), Brushed Gold

M-CORE™
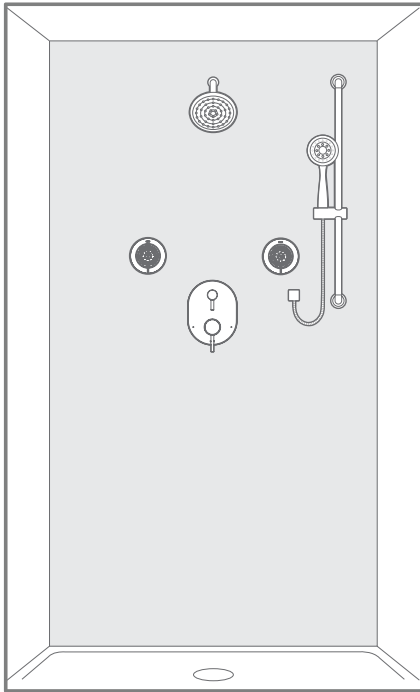
M-CORE | Shower Spa
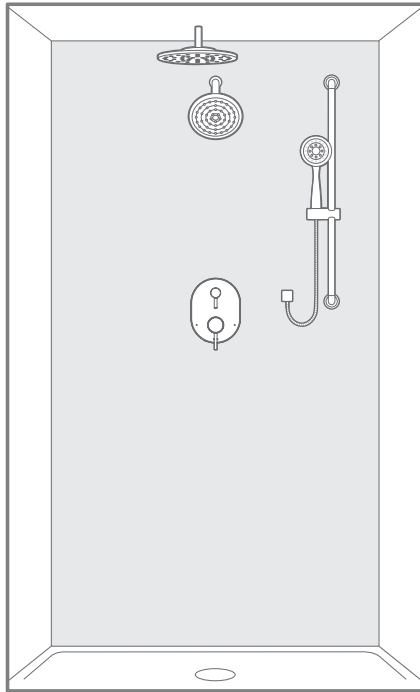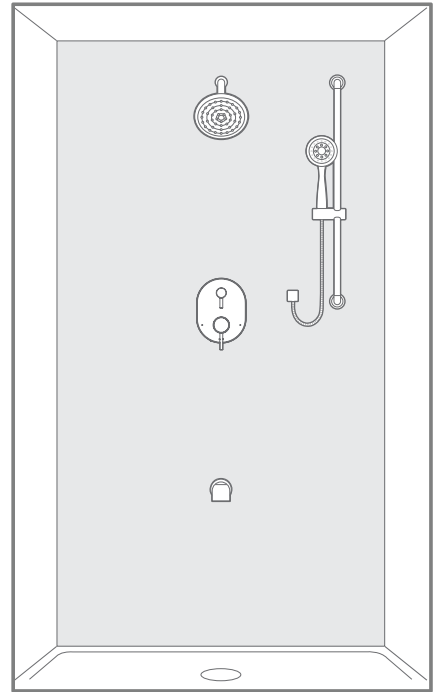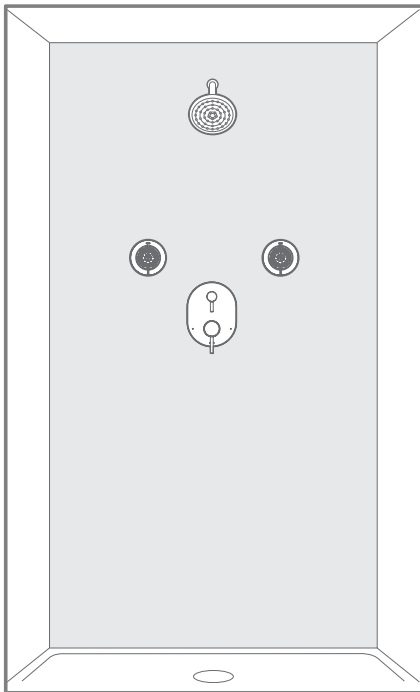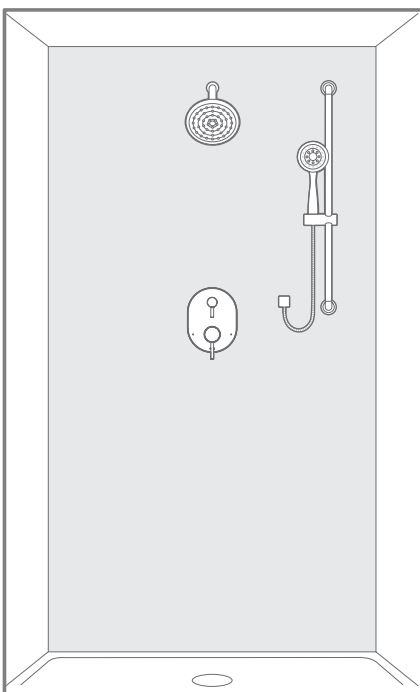
M-CORE | Shower Spa

M-CORE | Shower Spa

M-CORE | Shower Spa

M-CORE | Shower Spa

M-CORE | Shower Spa

M-CORE™

M-CORE | Shower Spa

CONFIGURATION 06

(Installation diagram on page 39.)

M-CORE | Shower Spa

CONFIGURATION 07

(Installation diagram on page 40.)

M-CORE | Shower Spa

CONFIGURATION 08

(Installation diagram on page 41.)
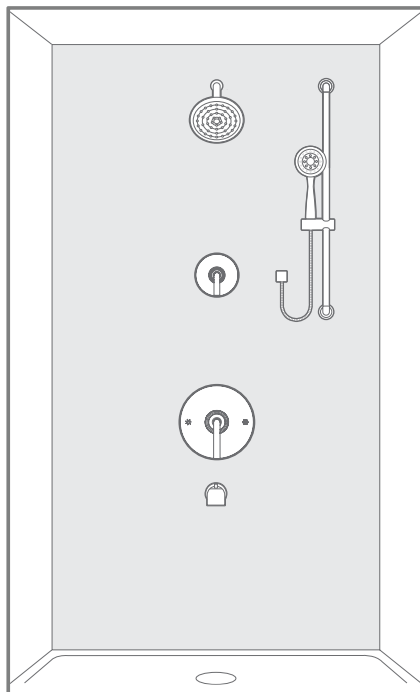
M-CORE | Shower Spa

CONFIGURATION 09 & 09A

(Installation diagram on page 42 and 42A.)

Posi-Temp® + M-CORE™
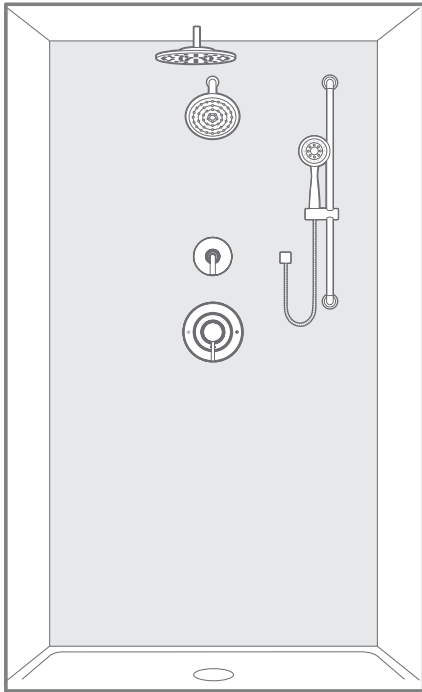
Posi-Temp + M-CORE | Shower Spa
CONFIGURATION 10

(Installation diagram on page 43.)
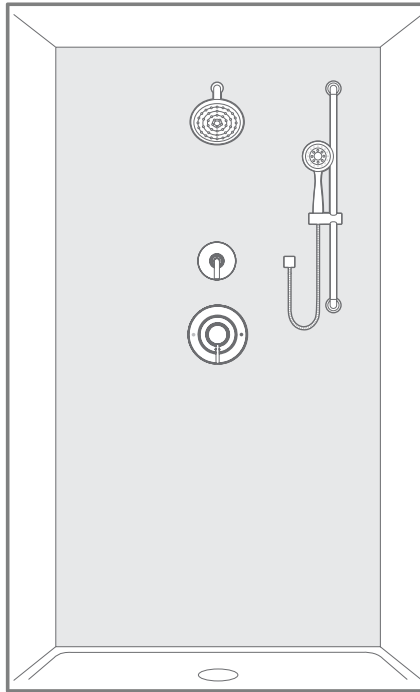
Posi-Temp + M-CORE | Shower Spa
CONFIGURATION 11

(Installation diagram on page 44.)
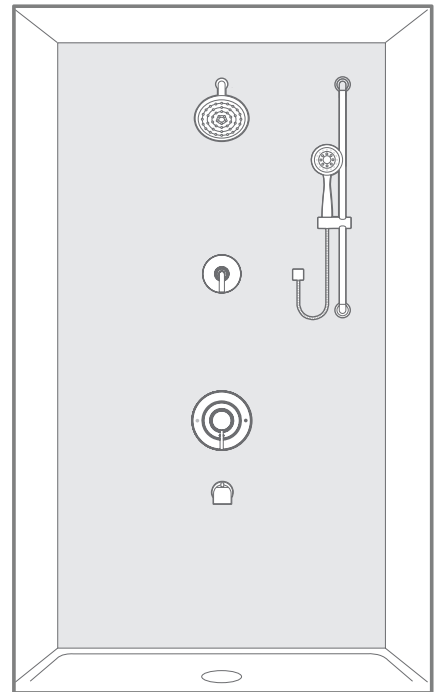
Posi-Temp + M-CORE | Shower Spa
CONFIGURATION 12

(Installation diagram on page 45.)

Posi-Temp®
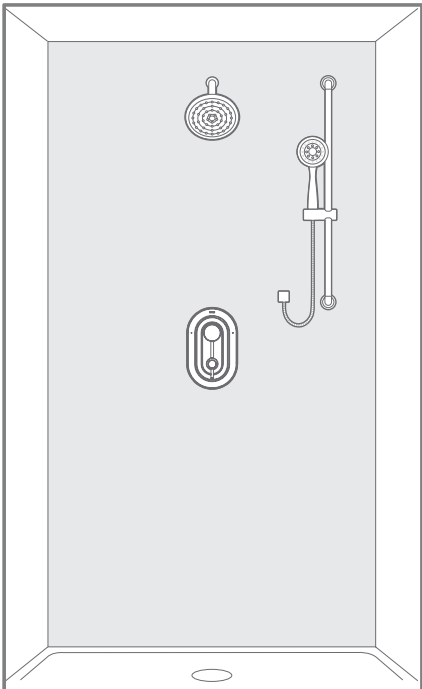
Posi-Temp | Shower Spa
CONFIGURATION 13

(Installation diagram on page 46.)
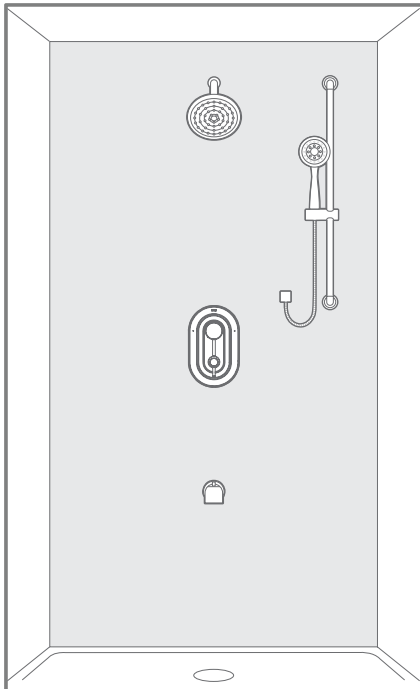
Posi-Temp | Shower Spa
CONFIGURATION 14
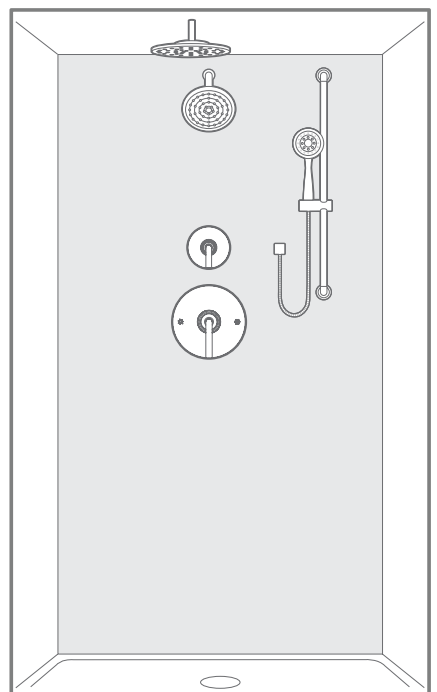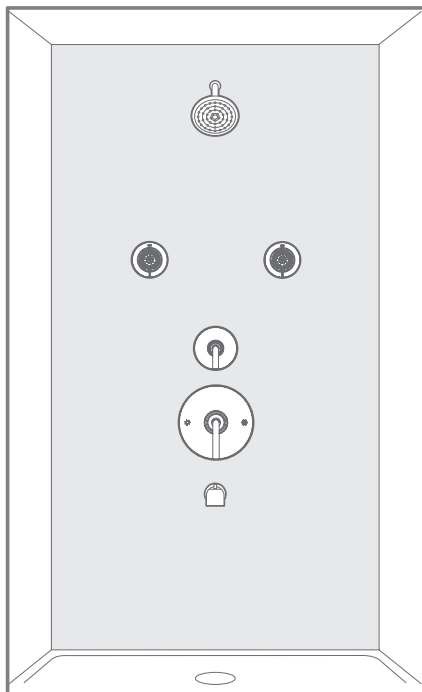
(Installation diagram on page 47.)

M-CORE™ | Shower Spa

CONFIGURATION 01

M-CORE with Integrated Transfer Valve
3 Showering Devices One Wall

❋ Use M-CORE U232 integrated transfer valve for 3 independent functions

❋ Use M-CORE U362 integrated transfer valve for 3 independent/ 3 shared functions

❋ When plumbing the U362 valve to flow 3 shared showering devices, 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 equal supply of water to each body spray. Maximum of 2 plumbed to 1 transfer valve outlet.

Distance should be 12" minimum, 16" recommended 20" maximum.

78"

54"

44"

1/2" HOT WATER INLET Ⓗ   Ⓒ 1/2" COLD WATER INLET

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Plumb outlet 3 to third showering device

Plumb outlet 2 to second showering device

Outlet of main mixing valve plumbed to transfer valve inlet

MIXING VALVE

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

Showerhead, Arm and Flange

Multi-Function Body Spray (x2)

Handshower, Drop Ell sold separately

Integrated Valve Trim

Diverter Lever Diverts water to various showering devices

Mixing Lever Controls the temperature and on/off

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

M-CORE™ | Shower Spa

M-CORE with Integrated Transfer Valve
3 Showering Devices One Wall and Ceiling

* Use M-CORE U232 integrated transfer valve for 3 independent functions

* Use M-CORE U362 integrated transfer valve for 3 independent/ 3 shared functions

* Primary showerhead

* Ceiling-mounted rainshower

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

78"

44"

1/2" HOT WATER INLET (H)   (C) 1/2" COLD WATER INLET

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Plumb outlet 3 to third showering device

Plumb outlet 2 to second showering device

Outlet of main mixing valve plumbed to transfer valve inlet

MIXING VALVE

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Rainshower, Arm, and Flange

Integrated Valve Trim

Diverter Lever
Diverts water to various showering devices

Mixing Lever
Controls the temperature and on/off

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

M-CORE™ | Shower Spa

M-CORE with Integrated Transfer Valve
2 Showering Devices and Non-Diverting Tub Spout One Wall

✳ Use M-CORE U232 integrated transfer valve for 3 independent functions

✳ Primary showerhead

✳ Non-diverting tub spout

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

78"

44"

1/2" HOT WATER INLET **H**   **C** 1/2" COLD WATER INLET

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Plumb outlet 3 to third showering device

Plumb outlet 2 to second showering device

Outlet of main mixing valve plumbed to transfer valve inlet

MIXING VALVE

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Non-Diverter Tub Spout

Integrated Valve Trim

Diverter Lever
Diverts water to various showering devices

Mixing Lever
Controls the temperature and on/off

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

M-CORE™ | Shower Spa

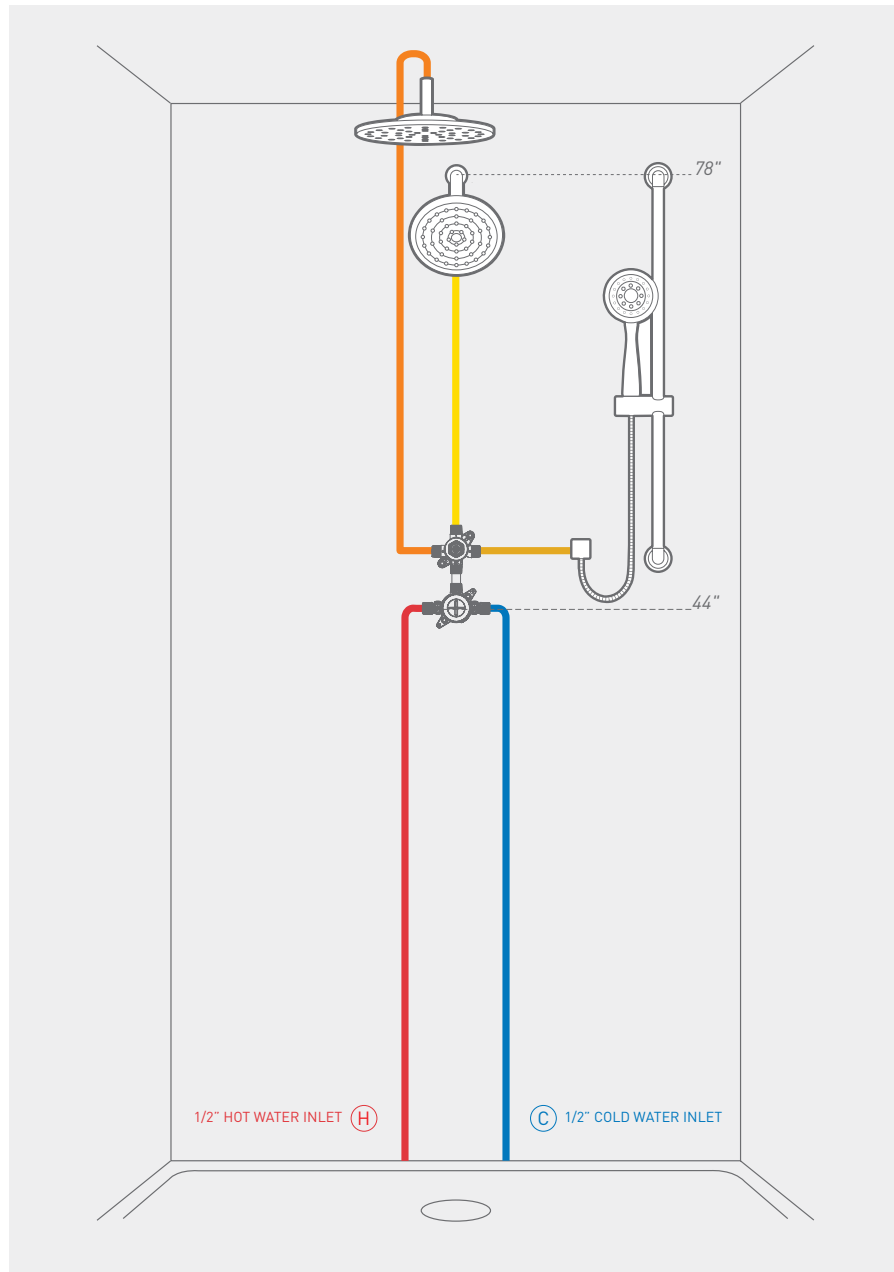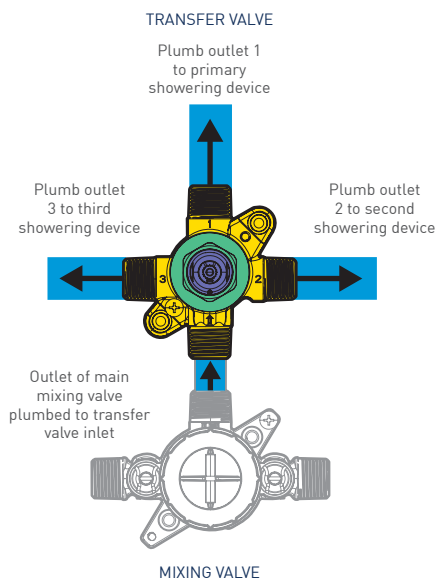**M-CORE with Integrated Transfer Valve**
2 Showering Devices One Wall

* Use M-CORE U232 integrated transfer valve for 2 independent functions. Cap off third outlet.

* Use M-CORE U362 integrated transfer valve for 2 independent and 1 shared function. Cap off third outlet.

* When plumbing the U362 valve to flow 3 shared showering devices, 50 PSI is recommended for optimum performance

* Primary showerhead

* Body sprays require a pressure-balancing loop to allow for equal supply of water to each body spray. Maximum of 2 plumbed to 1 transfer valve outlet.

Distance should be 12" minimum, 16" recommended 20" maximum.

78"

54"

Cap

44"

1/2" HOT WATER INLET (H)   (C) 1/2" COLD WATER INLET

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Cap off third outlet

Plumb outlet 2 to second showering device

Outlet of main mixing valve plumbed to transfer valve inlet

MIXING VALVE

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

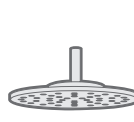Shower spa trim is compatible with the M•PACT® Common Valve System.

Showerhead, Arm and Flange

Multi-Function Body Spray (x2)

Integrated Valve Trim

Diverter Lever
Diverts water to various showering devices

Mixing Lever
Controls the temperature and on/off

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

M-CORE™ | Shower Spa

M-CORE with Integrated Transfer Valve
2 Showering Devices One Wall

✳ Use M-CORE U232 integrated transfer valve for 2 independent functions. Cap off third outlet.

✳ Use M-CORE U362 integrated transfer valve for 2 independent and 1 shared function. Cap off third outlet.

✳ Primary showerhead

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

78"

Cap

44"

1/2" HOT WATER INLET Ⓗ   Ⓒ 1/2" COLD WATER INLET

TRANSFER VALVE

Plumb outlet 1
to primary
showering device

Cap off
third outlet

Plumb outlet
2 to second
showering device

Outlet of main
mixing valve
plumbed to transfer
valve inlet

MIXING VALVE

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

Shower spa trim is compatible with the M•PACT® Common Valve System.
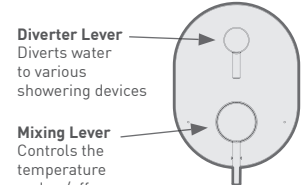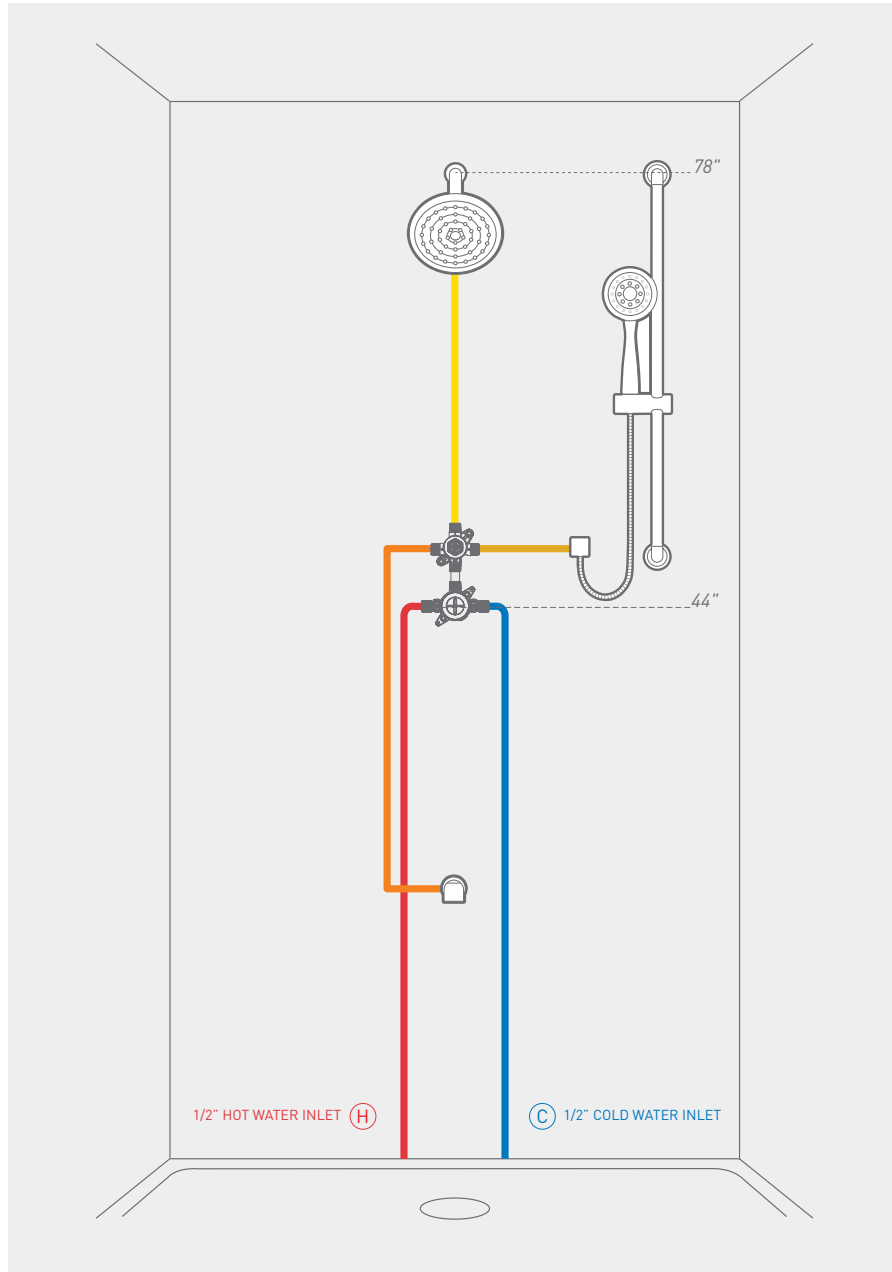
Showerhead,
Arm and Flange

Handshower,
Drop Ell sold
separately

Integrated
Valve Trim

Diverter Lever
Diverts water
to various
showering devices

Mixing Lever
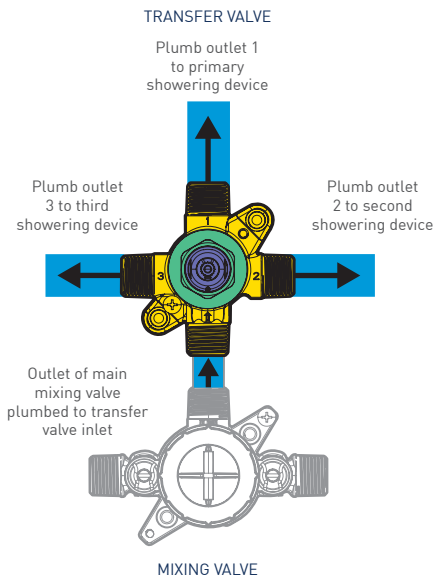Controls the
temperature
and on/off

All vertical dimensions measured from the floor. Dimensions listed are suggested.
Refer to specification sheet for critical dimensions for installation.
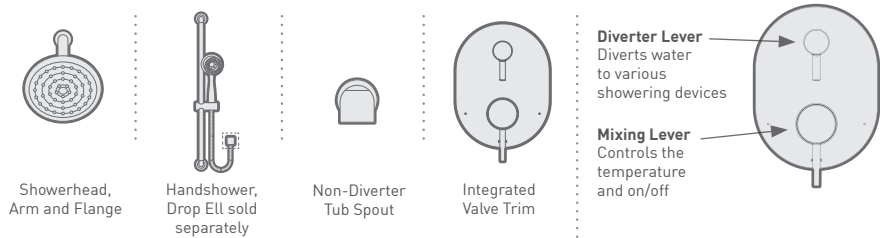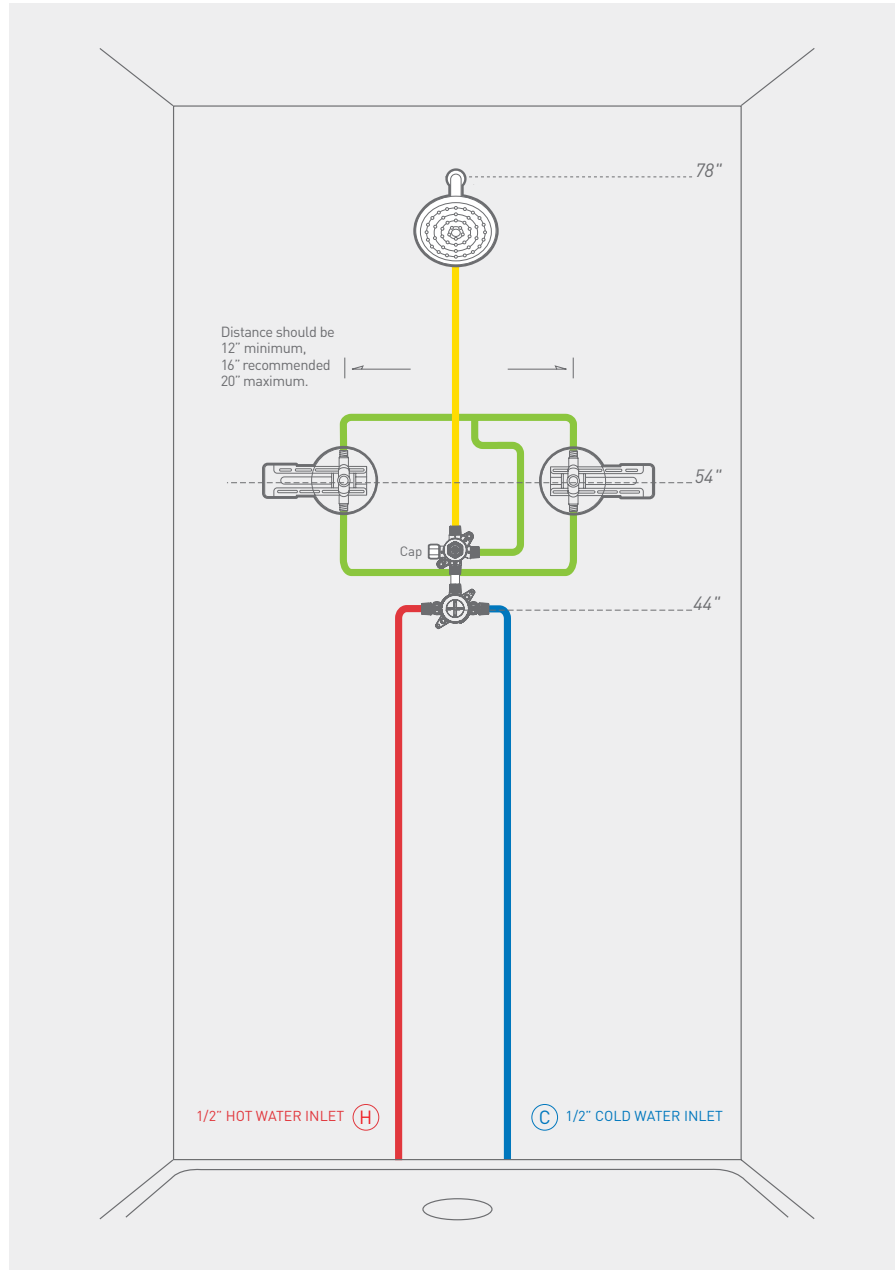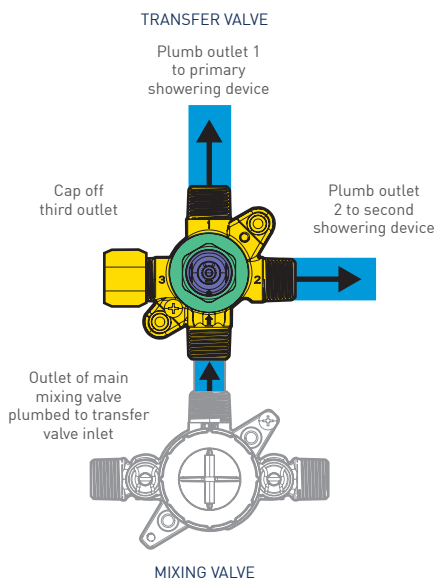
M-CORE™ | Shower Spa

M-CORE Mixing Valve with M-CORE Transfer Valve
3 Showering Devices One Wall and Ceiling

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, the tub port must be capped.

TRANSFER VALVE

✳ Use M-CORE U231 transfer valve for 3 independent functions

✳ Use M-CORE U361 transfer valve for 3 independent and 3 shared functions

✳ Primary showerhead

✳ Ceiling-mounted rainshower

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

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Plumb outlet 3 to third showering device

Plumb outlet 2 to second showering device

Outlet of main mixing valve plumbed to transfer valve inlet

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

78"

54"

44"

1/2" HOT WATER INLET (H)

(C) 1/2" COLD WATER INLET

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Rainshower, Arm, and Flange

Transfer Valve Trim

Valve Trim

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

M-CORE™ | Shower Spa

M-CORE Mixing Valve with M-CORE Transfer Valve
2 Showering Devices One Wall

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, the tub port must be capped.
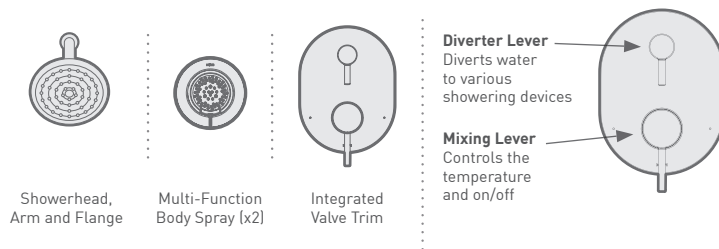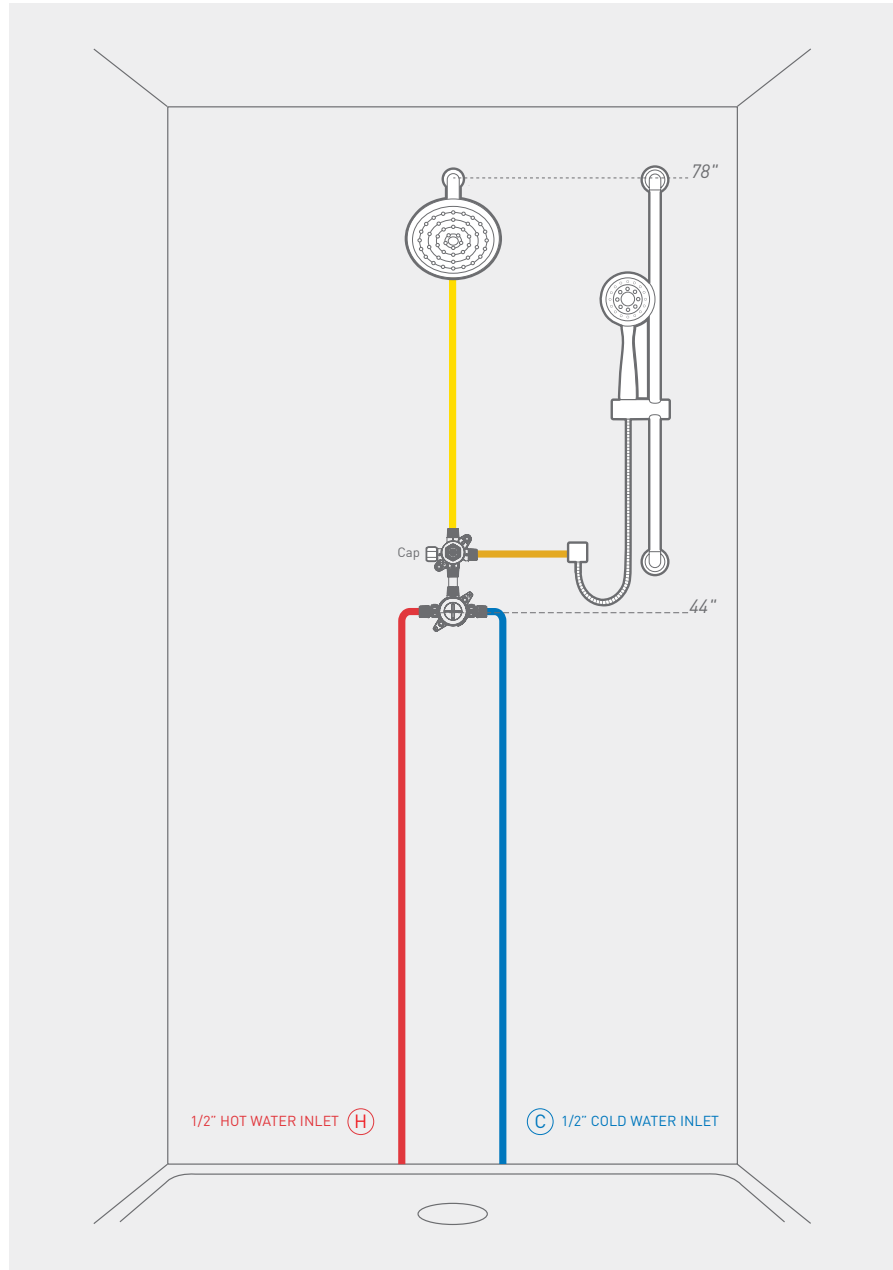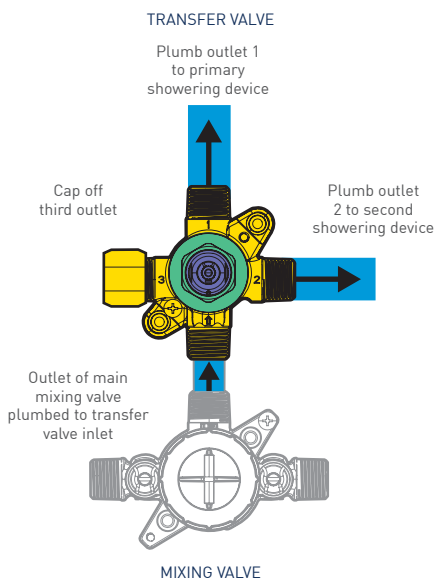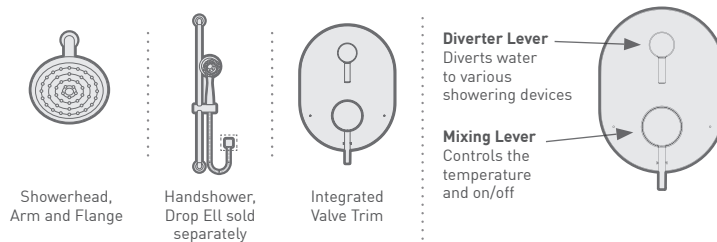
TRANSFER VALVE

✳ Use M-CORE U231 transfer valve for 2 independent functions. Cap off third outlet.

✳ Use M-CORE U361 transfer valve for 2 independent and one shared functions. Cap off third outlet.

✳ When plumbing the U361 valve to flow 3 shared devices, 50 psi is recommended for optimum performance.

✳ Primary showerhead

✳ Body sprays require a pressure-balancing loop to allow for equal supply of water to each body spray. Maximum of 2 plumbed to 1 transfer valve outlet.

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Cap off third outlet

Plumb outlet 2 to second showering device

Outlet of main mixing valve plumbed to transfer valve inlet

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

Distance should be 12" minimum, 16" recommended 20" maximum.

78"

Cap

54"

44"

1/2" HOT WATER INLET (H)   (C) 1/2" COLD WATER INLET

Showerhead, Arm and Flange

Multi-Function Body Spray (x2)

Transfer Valve Trim

Valve Trim

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
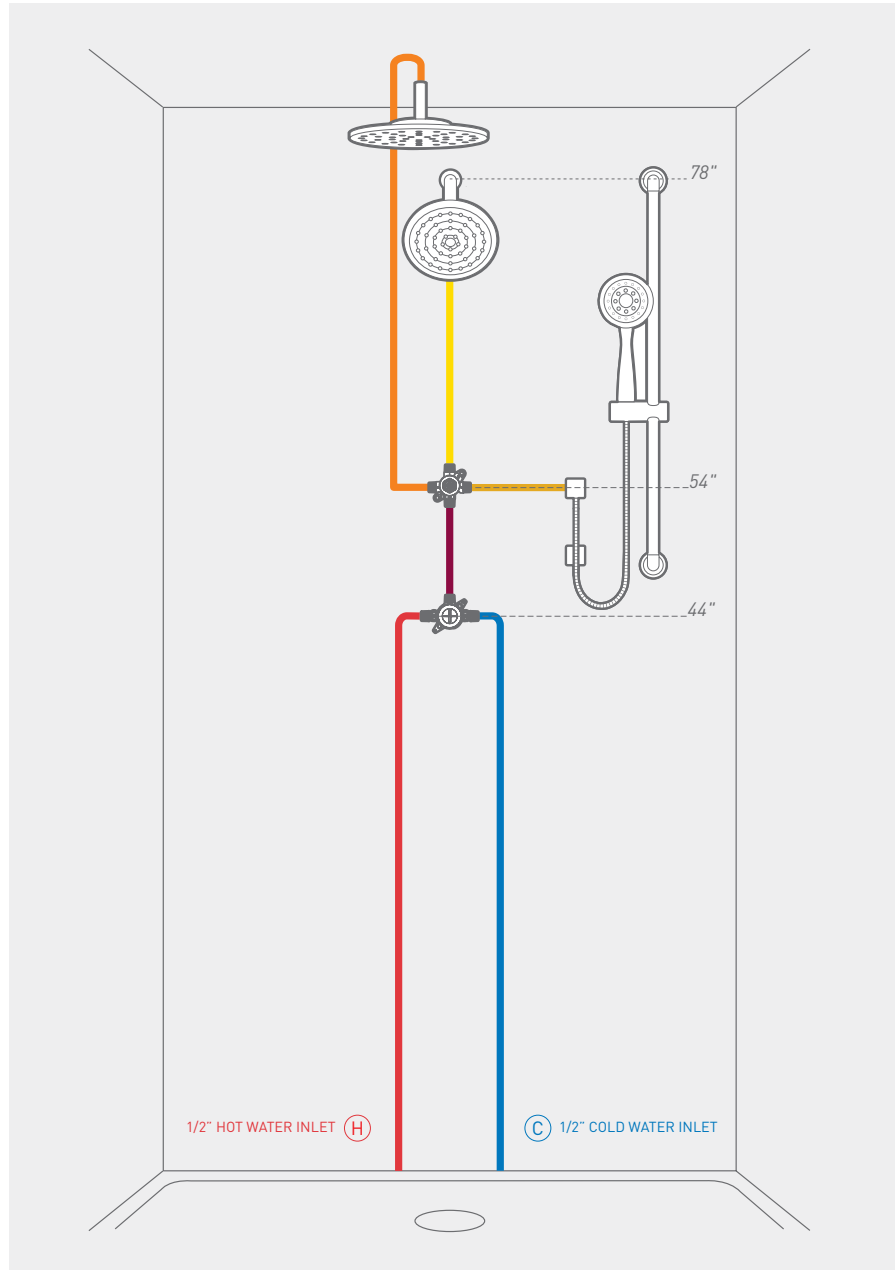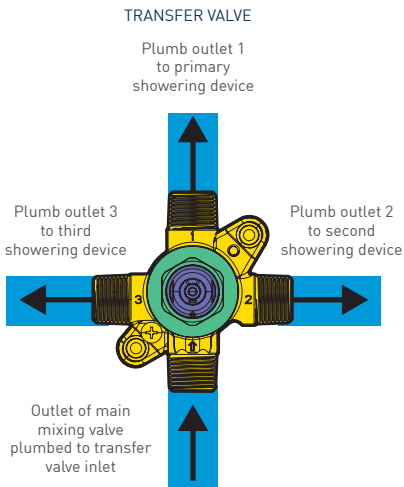
M-CORE™ | Shower Spa

M-CORE Mixing Valve with M-CORE Transfer Valve
2 Showering Devices One Wall

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, the tub port must be capped.
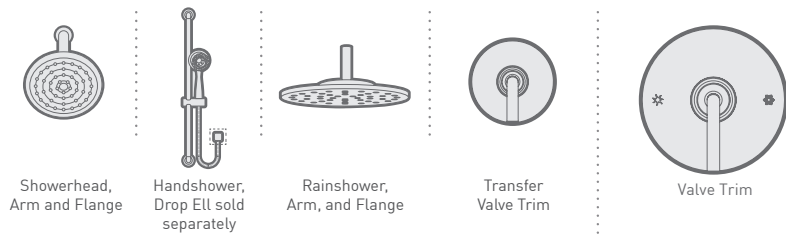
TRANSFER VALVE

✳ Use M-CORE U231 transfer valve for 2 independent functions. Cap off third outlet.

✳ Use M-CORE U361 transfer valve for 2 independent and 1 shared functions. Cap off third outlet.

✳ Primary showerhead

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

78"

Cap

54"

44"

1/2" HOT WATER INLET (H)

(C) 1/2" COLD WATER INLET

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Cap off third outlet

Plumb outlet 2 to second showering device

Outlet of main mixing valve plumbed to transfer valve inlet

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Transfer Valve Trim

Valve Trim

All vertical dimensions measured from the floor. Dimensions listed are suggested. Refer to specification sheet for critical dimensions for installation.
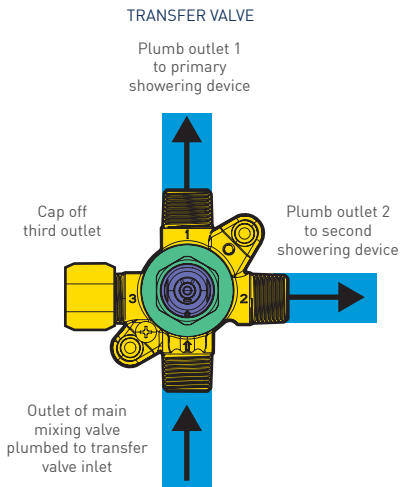
M-CORE™ | Shower Spa

M-CORE Mixing Valve with M-CORE Transfer Valve
2 Showering Devices and Diverting Tub Spout One Wall

MIXING VALVE

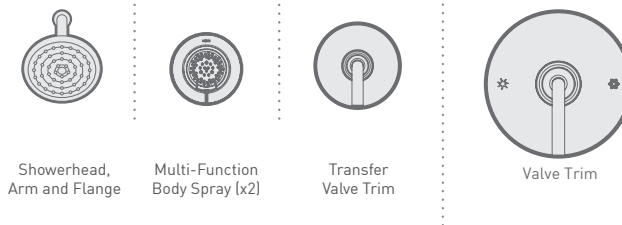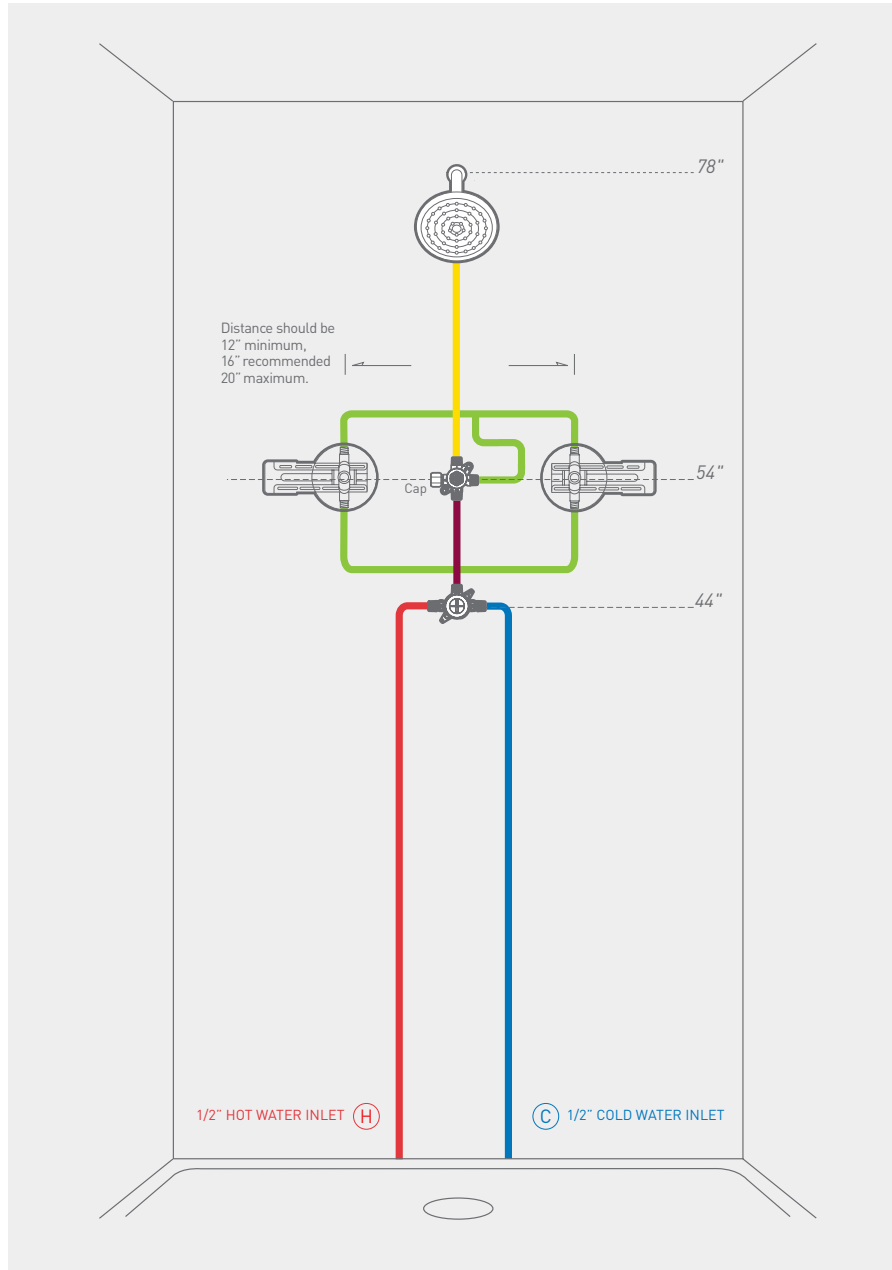* M-CORE U140 (4-port) valves are used in tub/shower applications
* Shower port must be capped

TRANSFER VALVE

* Use M-CORE U231 transfer valve for 2 independent functions
* Use M-CORE U361 transfer valve for 2 independent and 1 shared functions
* When plumbing the U361 valve to flow 3 shared devices, 50 psi is recommended for optimum performance.
* Primary showerhead
* Body sprays require a pressure-balancing loop to allow for equal supply of water to each body spray. Maximum of 2 plumbed to 1 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

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Cap off third outlet

Plumb outlet 2 to second showering device

Twin ell rear vertical outlet plumbed to transfer valve inlet

Distance should be 12" minimum, 16" recommended 20" maximum.

78"

54"

42"

32"

Cap

Cap

From Valve

To Transfer Valve

1/2"
1/2"
3/4"

1/2" HOT WATER INLET (H)

(C) 1/2" COLD WATER INLET

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

Showerhead, Arm and Flange

Multi-Function Body Spray (x2)

Diverter Tub Spout

Transfer Valve Trim

Valve Trim

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

M-CORE™ | Shower Spa

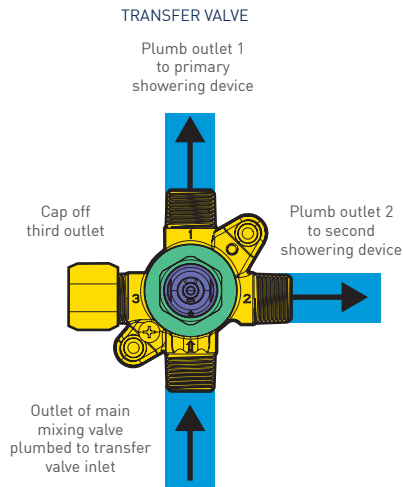**M-CORE Mixing Valve with M-CORE Transfer Valve**
2 Showering Devices and Diverting Tub Spout One Wall

MIXING VALVE

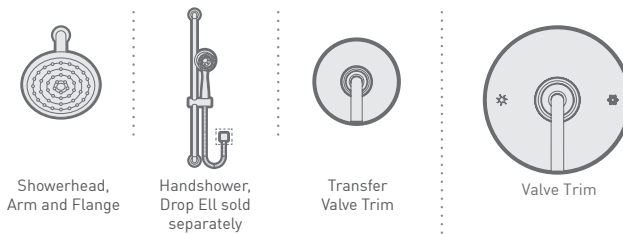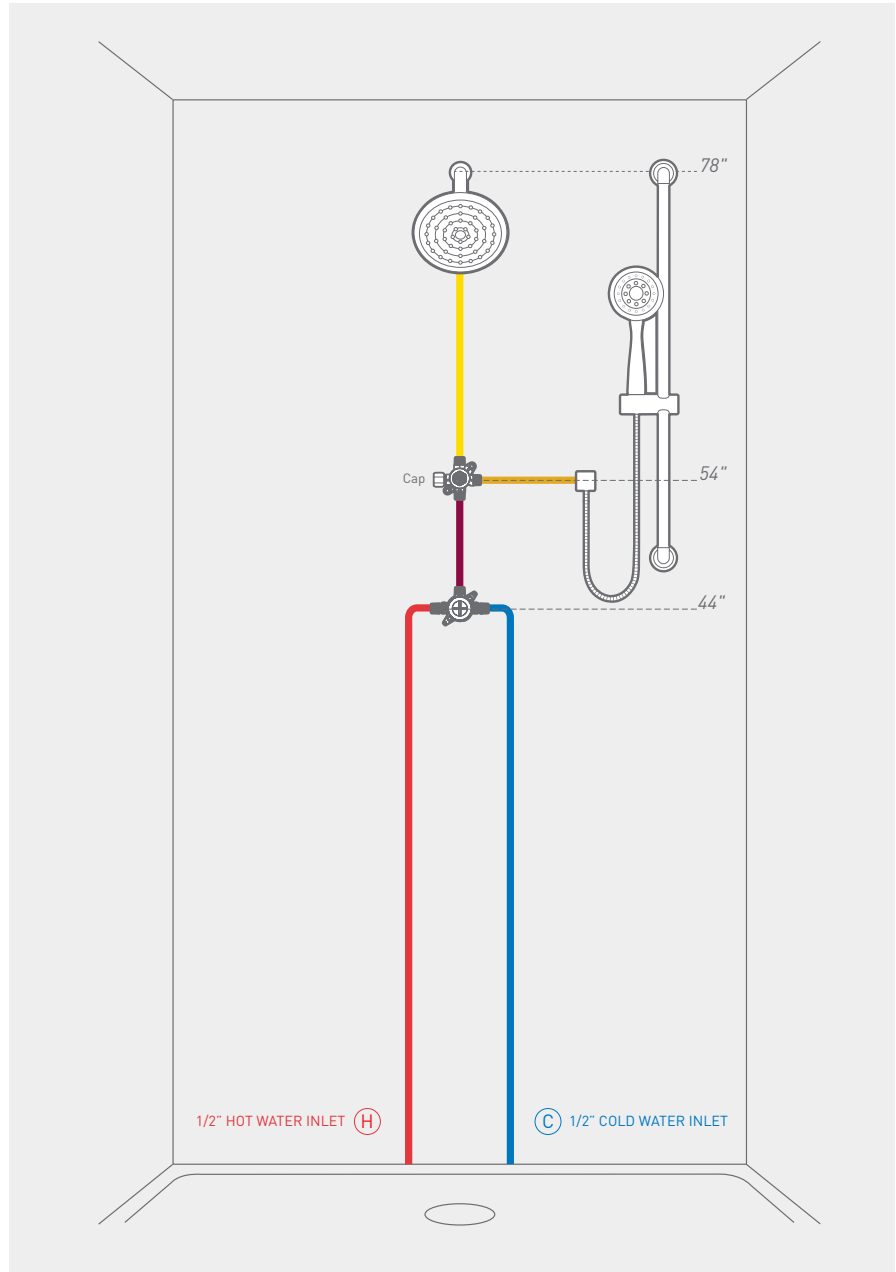✳ M-CORE U140 (4-port) valves are used in tub/shower applications

✳ Shower port must be capped

TRANSFER VALVE

✳ Use M-CORE U231 transfer valve for 2 independent functions

✳ Use M-CORE U361 transfer valve for 2 independent and 1 shared functions

✳ 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 to the transfer valve inlet

✳ Plumb the twin ell, front-horizontal outlet to the diverting tub spout

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Cap off third outlet

Plumb outlet 2 to second showering device

Twin ell rear vertical outlet plumbed to transfer valve inlet

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

78"

54"

Cap

Cap

32"

From Valve

To Transfer Valve

1/2"
1/2"
3/4"

1/2" HOT WATER INLET (H)   (C) 1/2" COLD WATER INLET

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Diverter Tub Spout

Transfer Valve Trim

Valve Trim

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

M-CORE™ | Shower Spa

M-CORE Mixing Valve with M-CORE Transfer Valve
2 Showering Devices and Diverting Tub Spout One Wall

MIXING VALVE

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

TRANSFER VALVE

✳ Use M-CORE U231 transfer valve for 2 independent functions

✳ Use M-CORE U361 transfer valve for 2 independent and 1 shared functions

✳ 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

78"

54"
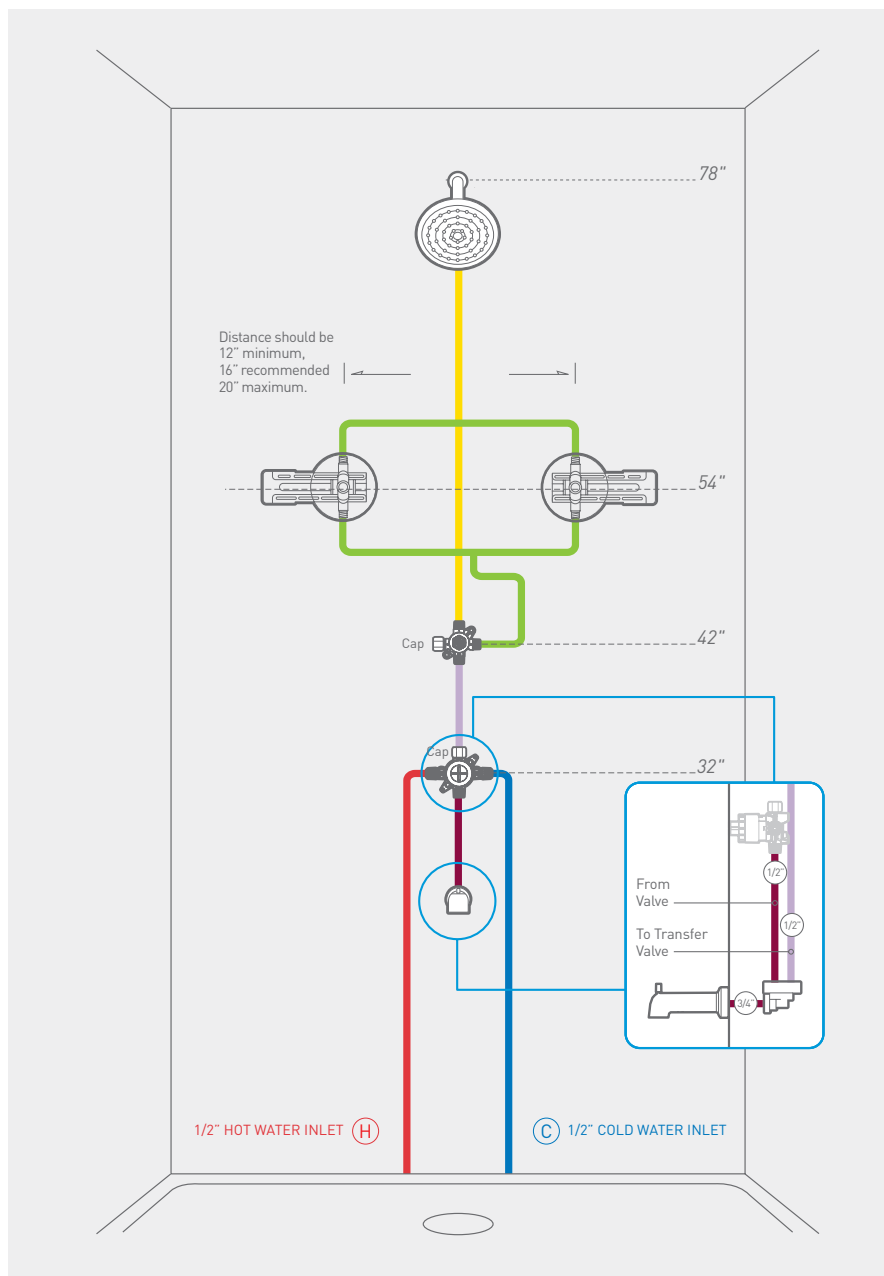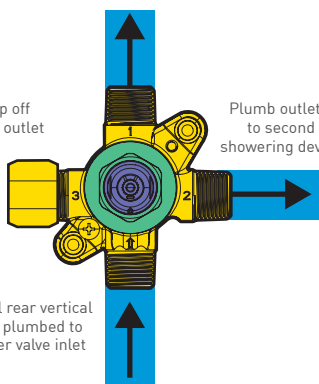
Cap

32"

1/2" HOT WATER INLET (H)   (C) 1/2" COLD WATER INLET

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Cap off third outlet

Plumb outlet 2 to second showering device

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

Shower spa trim is compatible with the M•PACT® Common Valve System.
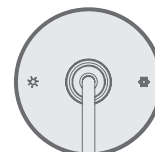
Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Diverter Tub Spout

Transfer Valve Trim

Valve Trim

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

Posi-Temp® + M-CORE™ | Shower Spa

Posi-Temp Mixing Valve with M-CORE™ Transfer Valve
3 Showering Devices One Wall and Ceiling

MIXING VALVE

✳ Posi-Temp 3-port valves for shower-only applications

✳ If using a Posi-Temp 4-port valve for shower-only application, the shower port must be capped. Tub port will supply water to transfer valve.

TRANSFER VALVE

✳ Use M-CORE U231 transfer valve for 3 independent functions

✳ Use M-CORE U361 transfer valve for 3 independent and 3 shared functions

✳ Primary showerhead

✳ Ceiling-mounted rainshower

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

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Plumb outlet 3 to third showering device

Plumb outlet 2 to second showering device

Tub outlet of main mixing valve plumbed to transfer valve inlet

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

78"

54"

Cap

44"

Cap

To Transfer Valve

1/2" HOT WATER INLET (H)   (C) 1/2" COLD WATER INLET

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Rainshower, Arm, and Flange

Transfer Valve Trim

Valve Trim

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

Posi-Temp® + M-CORE™ | Shower Spa

Posi-Temp Mixing Valve with M-CORE™ Transfer Valve
2 Showering Devices One Wall

MIXING VALVE

❋ Posi-Temp 3-port valves for shower-only applications

❋ If using a Posi-Temp 4-port valve for shower-only application, the shower port must be capped. Tub port will supply water to transfer valve.
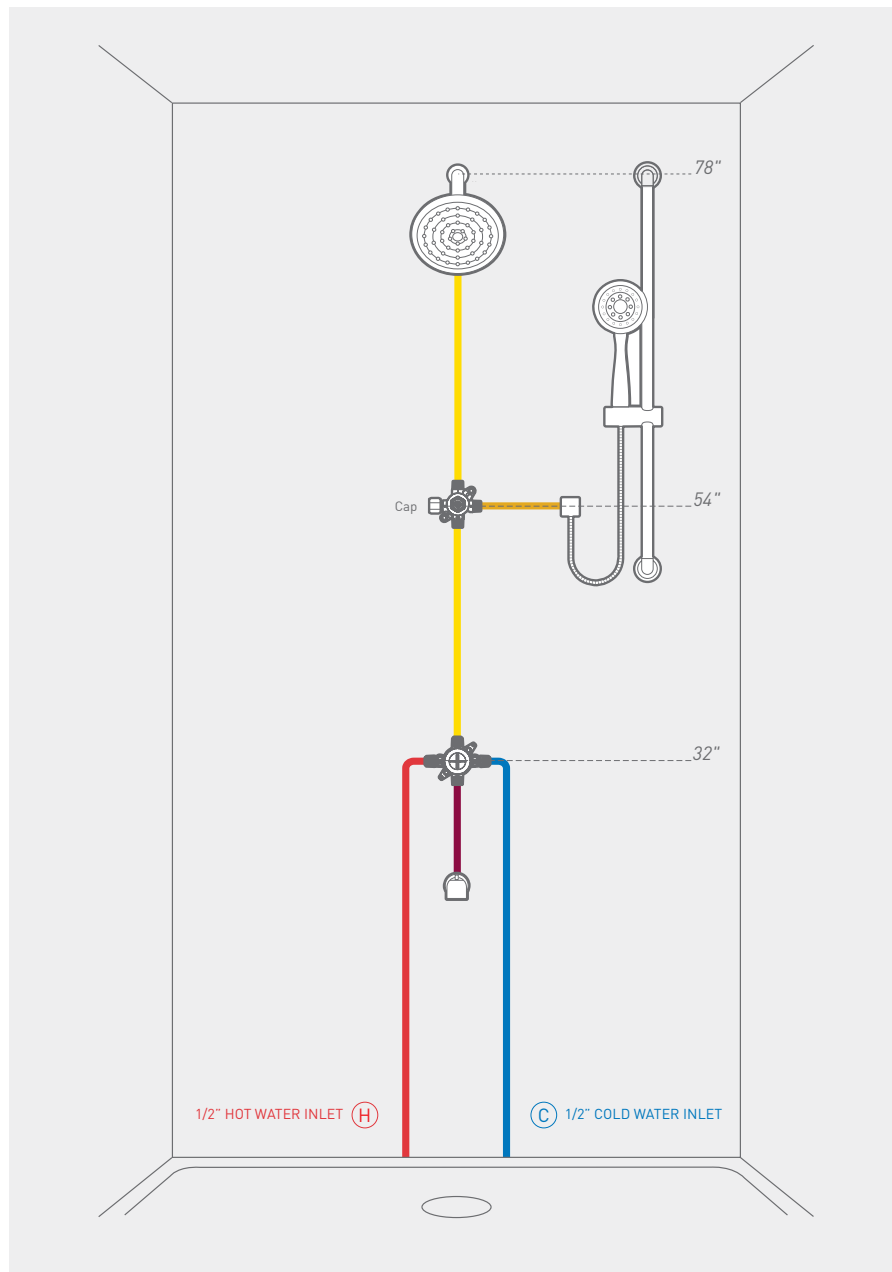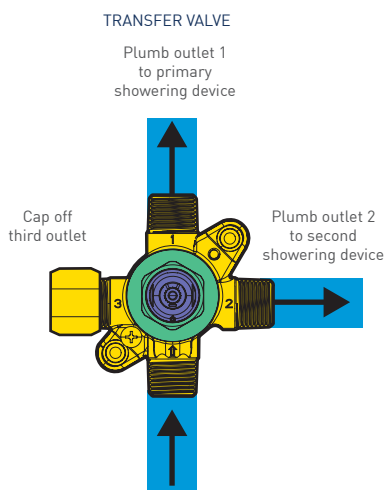
TRANSFER VALVE

❋ Use M-CORE U231 transfer valve for 2 independent functions

❋ Use M-CORE U361 transfer valve for 2 independent and 1 shared functions

❋ Primary showerhead

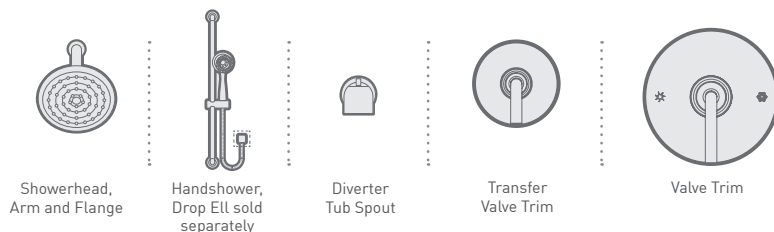❋ Moen® handshowers come with an integrated double check valve to prevent back-siphon

78"

54"

44"

Cap

Cap

Cap

To Transfer Valve

1/2" HOT WATER INLET Ⓗ

Ⓒ 1/2" COLD WATER INLET

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Cap off third outlet

Plumb outlet 2 to second showering device

Tub outlet of main mixing valve plumbed to transfer valve inlet

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Transfer Valve Trim

Valve Trim

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

Posi-Temp® + M-CORE™ | Shower Spa

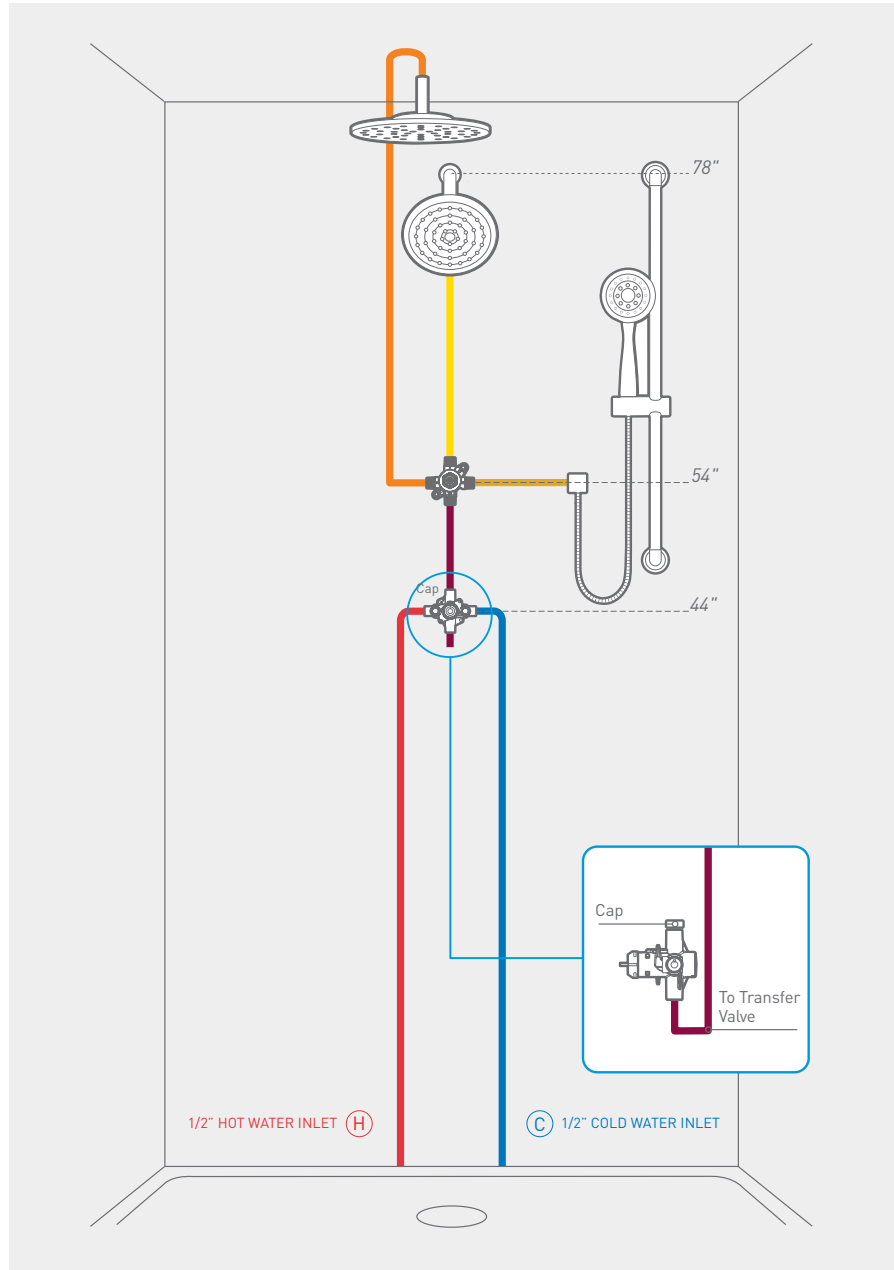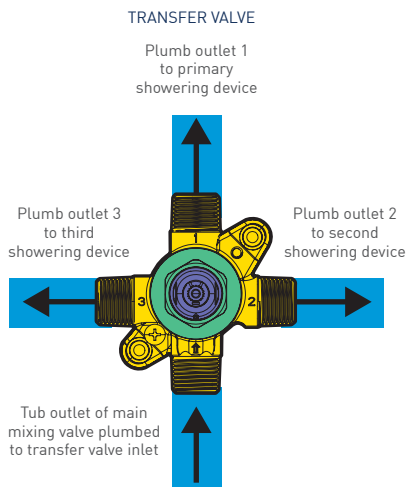**Posi-Temp Mixing Valve with M-CORE™ Transfer Valve**
2 Showering Devices and Diverting Tub Spout One Wall

MIXING VALVE

❋ Use Posi-Temp 4-port valve for tub/shower-only application

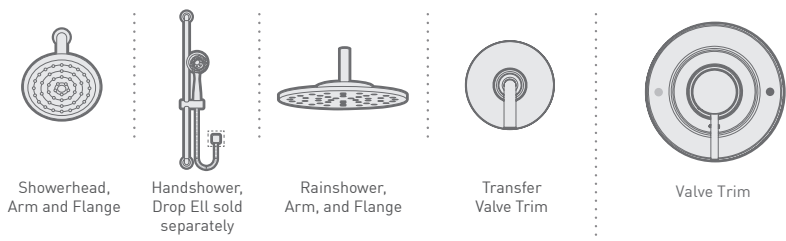❋ The shower port must be capped. Tub port will supply water to transfer valve.

TRANSFER VALVE

❋ Use M-CORE U231 transfer valve for 2 independent functions

❋ Use M-CORE U361 transfer valve for 2 independent and 1 shared functions

❋ 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 to the transfer valve inlet

❋ Plumb the twin ell, front-horizontal outlet to the diverting tub spout

TRANSFER VALVE

Plumb outlet 1 to primary showering device

Cap off third outlet

Plumb outlet 2 to second showering device

Twin ell rear vertical outlet plumbed to transfer valve inlet

IMPORTANT - plumb showering outlets as valve diagram recommends. Plumbing 2 outlets will require capping port number 3.

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

78"

54"

Cap

Cap

32"

From Valve

To Transfer Valve

1/2"

1/2"

3/4"

1/2" HOT WATER INLET Ⓗ

Ⓒ 1/2" COLD WATER INLET

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Diverter Tub Spout

Transfer Valve Trim

Valve Trim

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

Posi-Temp® | Shower Spa

Posi-Temp with Integrated Transfer Valve
2 Showering Devices One Wall

✳ Use Posi-Temp 2521 or 2571 integrated transfer valve for 2 independent functions

✳ Use Posi-Temp 2551 or 2581 integrated transfer valves for 2 independent and 1 shared function

✳ Primary showerhead

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

78"

44"

1/2" HOT WATER INLET (H)

(C) 1/2" COLD WATER INLET

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Integrated Valve Trim

Mixing Lever
Controls the temperature and on/off

Diverter Lever
Diverts water to various showering devices

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.
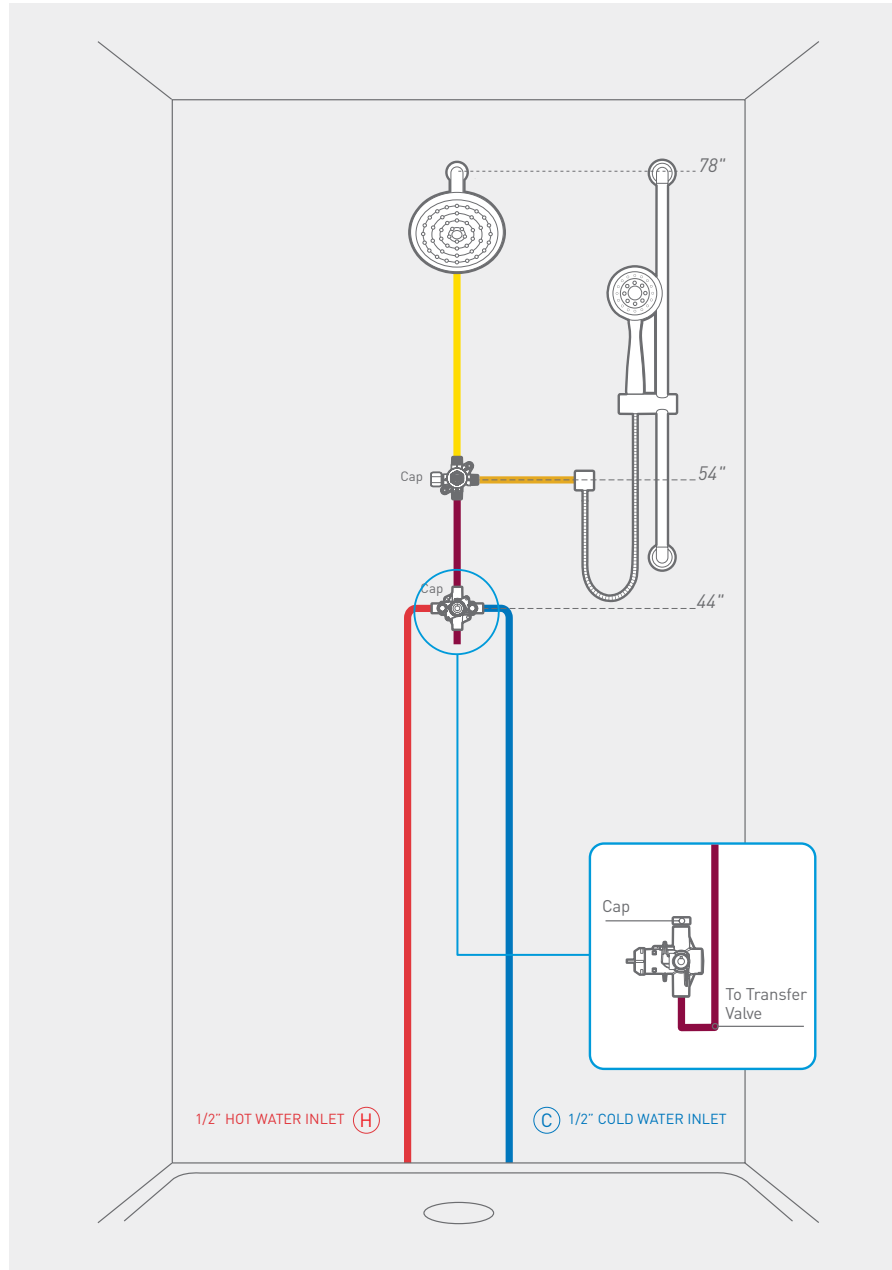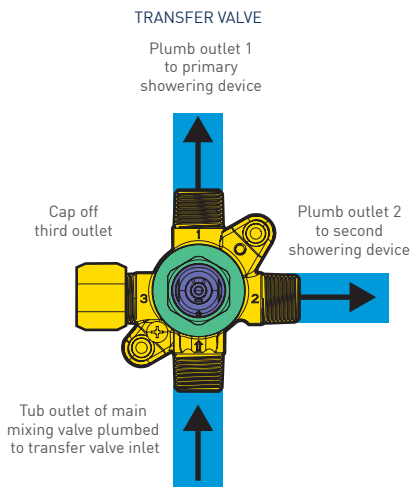
Posi-Temp® | Shower Spa

Posi-Temp with Integrated Transfer Valve
2 Showering Devices and Diverting Tub Spout One Wall

✱ Use Posi-Temp 2521 or 2571 integrated transfer valve for 2 independent functions

✱ Use Posi-Temp 2551 or 2581 integrated transfer valves for 2 independent and 1 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 integrated transfer valve outlet to the twin ell, front-vertical outlet

✱ Plumb the twin ell, rear-vertical outlet to the drop ell

✱ Plumb the twin ell, front-horizontal outlet to the diverting tub spout
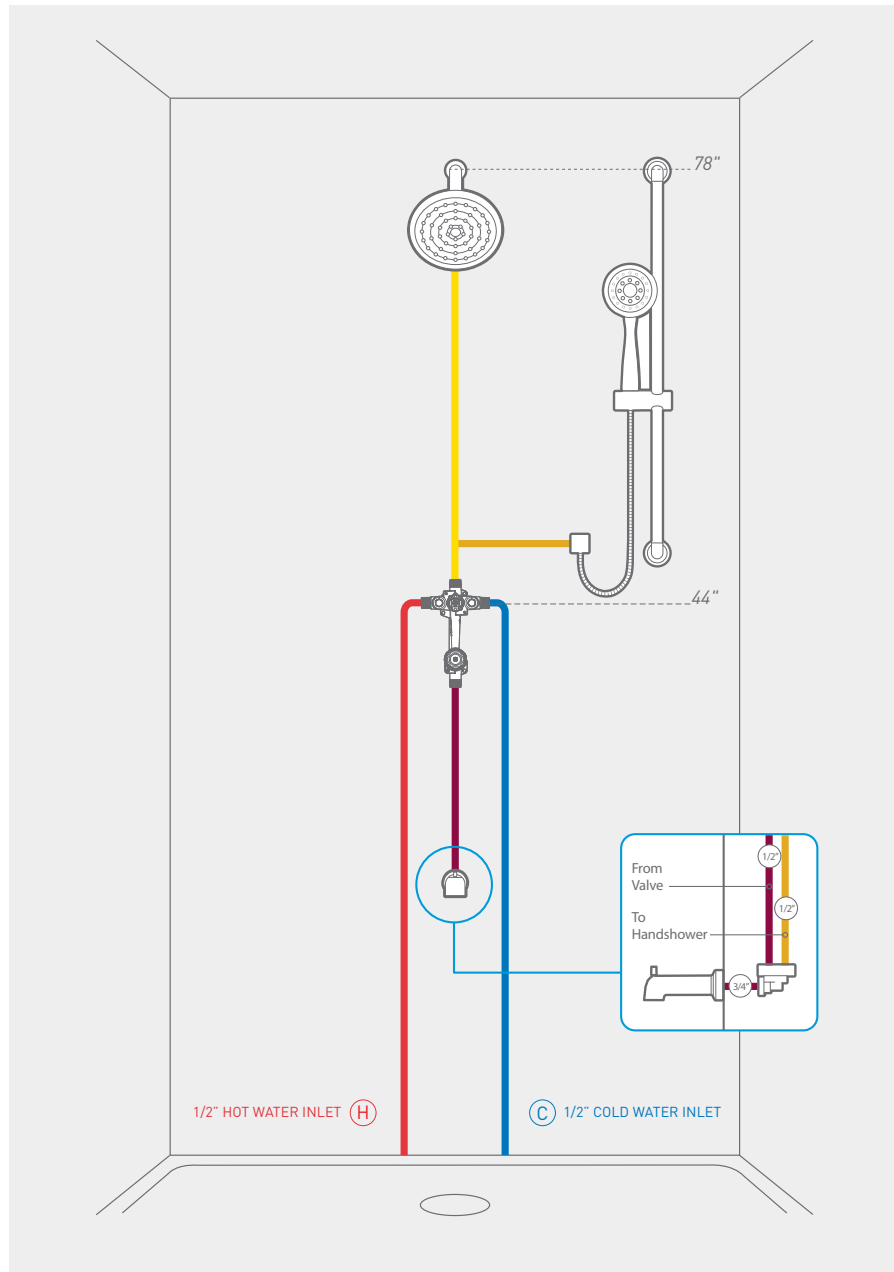
78"

44"

From Valve
To Handshower

1/2"
1/2"
3/4"

1/2" HOT WATER INLET (H)

(C) 1/2" COLD WATER INLET

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

Showerhead, Arm and Flange

Handshower, Drop Ell sold separately

Diverter Tub Spout

Integrated Valve Trim
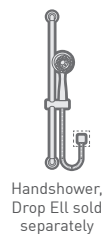
Mixing Lever
Controls the temperature and on/off

Diverter Lever
Diverts water to various showering devices
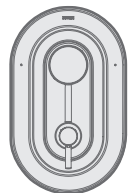
All vertical dimensions measured from the floor. Dimensions listed are suggested.
Refer to specification sheet for critical dimensions for installation.

Annex™ shower rail system (TS3661NH), Gibson shower trim (T2901), rainshower (S176) and handshower (189315)

SHOWER RAILS

Keep Your Bathroom, Elevate Your Experience

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.

Nebia by Moen™ shower rail system (N207C0BL)

Nebia by Moen™ shower rail system (N207C0CH) and Flara free-standing tub filler (S931)

M-CORE™ and Posi-Temp®

M-CORE | Nebia by Moen™ Shower Rail

Posi-Temp | Nebia by Moen™ Shower Rail

M-CORE | Annex™ Shower Rail

Posi-Temp | Annex™ Shower Rail

M-CORE™ | Nebia by Moen™ Shower Rail

M-CORE Mixing Valve with Nebia by Moen™ Shower Rail
2 Showering Devices One Wall

✳ M-CORE U130 (3-port) valves are recommended for shower-only applications

✳ If M-CORE U140 (4-port) valve is used in a shower-only application, the tub port must be capped off

✳ Nebia by Moen shower rail

✳ Showerhead comes with integrated double check valve to prevent back-siphon

✳ Flow shared between showerhead and handshower
   • Handshower has toggle switch to control on/off
   • Handshower is unable to flow by itself

✳ Easily attaches to existing shower arm connection

78"

Shower riser connects to Nebia (see inset)

58.5"

44"

1/2" HOT WATER INLET Ⓗ   Ⓒ 1/2" COLD WATER INLET

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

Showerhead and Sliding Bracket

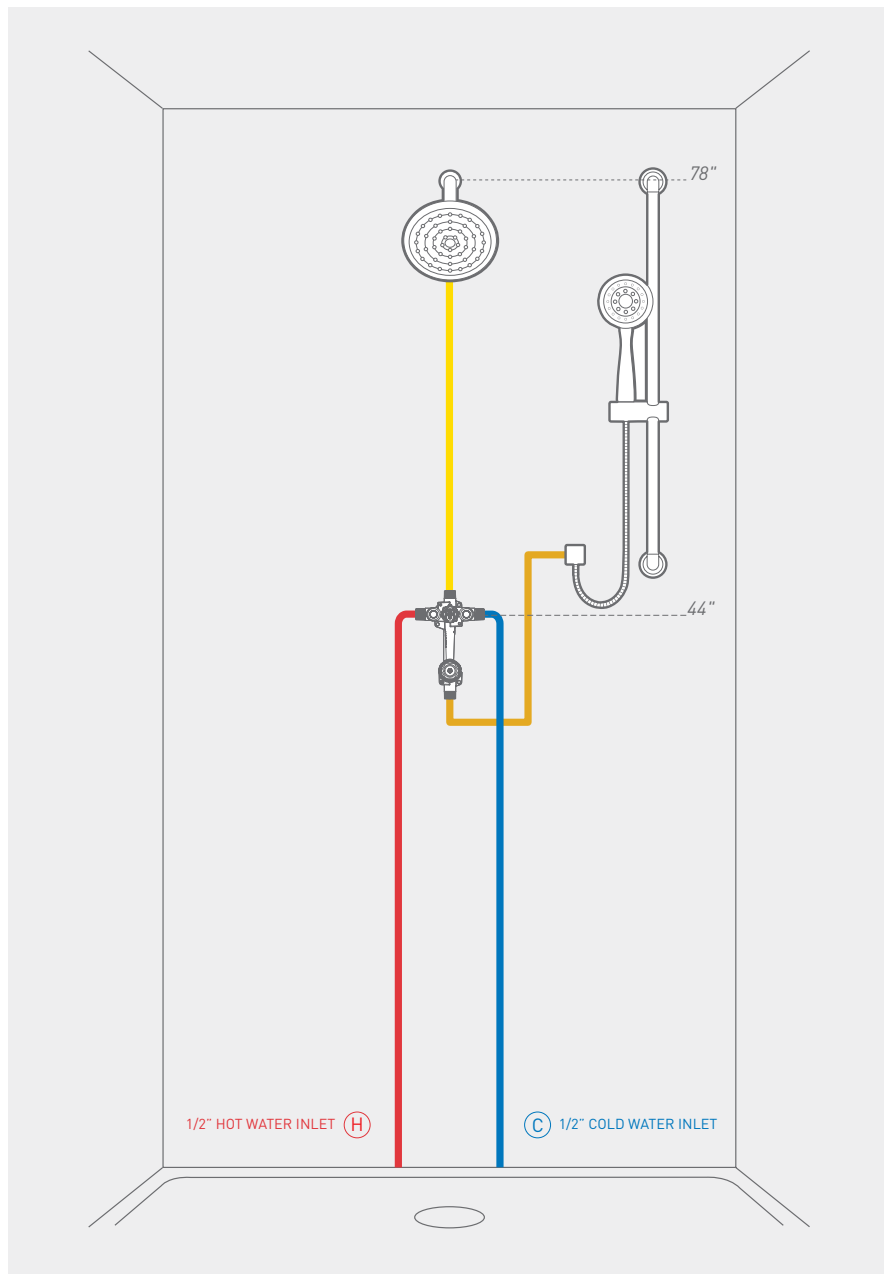Handshower and Magnetic Dock

Valve Trim

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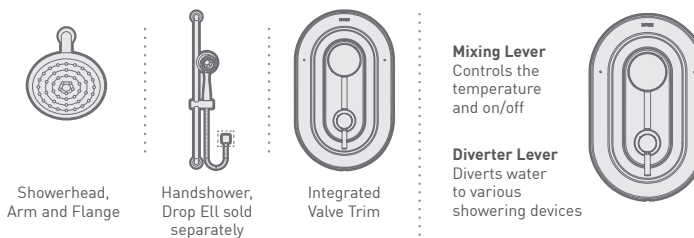Refer to specification sheet for critical dimensions for installation.

Posi-Temp® | Nebia by Moen™ Shower Rail

Posi-Temp Mixing Valve with Nebia by Moen™ Shower Rail
2 Showering Devices One Wall

* Posi-Temp 3-port valves are recommended for shower-only applications

* If Posi-Temp 4-port valve is used in a shower-only application, the tub port must be capped off

* Nebia by Moen shower rail

* Showerhead comes with integrated double check valve to prevent back-siphon

* Flow shared between showerhead and handshower
  • Handshower has toggle switch to control on/off
  • Handshower is unable to flow by itself

* Easily attaches to existing shower arm connection

78"

Shower riser connects to Nebia (see inset)

58.5"

44"

Cap

To Showerhead

Cap

1/2" HOT WATER INLET (H)

(C) 1/2" COLD WATER INLET

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

Showerhead and Sliding Bracket

Handshower and Magnetic Dock

Valve Trim

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

M-CORE™ | Annex™ Shower Rail

M-CORE Mixing Valve with Annex Shower Rail
2 Showering Devices One Wall

* M-CORE U130 (3-port) valves are recommended for shower-only applications

* If M-CORE U140 (4-port) valve is used in a shower-only application, the tub port must be capped off.

* Annex shower rail

* Showerhead and handshower sold separately

* Integrated diverter: 2 independent functions

* Easily attaches to existing shower arm connection without altering height

78"

Shower riser connects to Annex (see inset)

58.5"

44"

Cap

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

1/2" HOT WATER INLET (H)

(C) 1/2" COLD WATER INLET

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

Annex   Showerhead   Handshower   Valve Trim

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

Posi-Temp Mixing Valve with Annex Shower Rail
2 Showering Devices One Wall

* Posi-Temp 3-port valves are recommended for shower-only applications

* If Posi-Temp 4-port valve is used in a shower-only application, the shower port must be capped off

* Annex shower rail

* Showerhead and handshower sold separately

* Integrated diverter: 2 independent functions

* Easily attaches to existing shower arm connection without altering height

78"
Shower riser connects to Annex (see inset)

58.5"

Cap

44"

Cap

To Showerhead

1/2" HOT WATER INLET (H)

(C) 1/2" COLD WATER INLET

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

Annex   Showerhead   Handshower   Valve Trim

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

Colinet M-CORE™ tub/shower (UTS344303BN)

TUB/SHOWER

A Higher Standard

Sometimes a free-standing 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.

Glyde tub/shower (T2743)

Align® Posi-Temp® with integrated transfer valve trim (T2190), showerhead (S6320) and non-diverting tub spout (3892)

Posi-Temp®
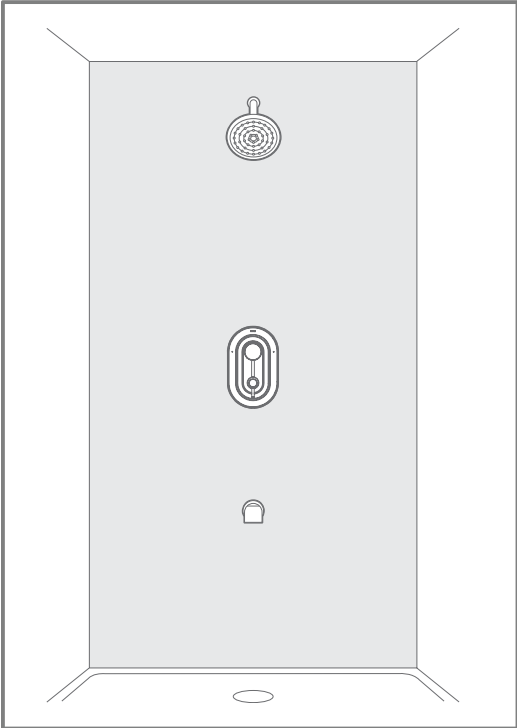
Posi-Temp | Tub/Shower
CONFIGURATION 01

(Installation diagram on page 60.)

M-CORE™
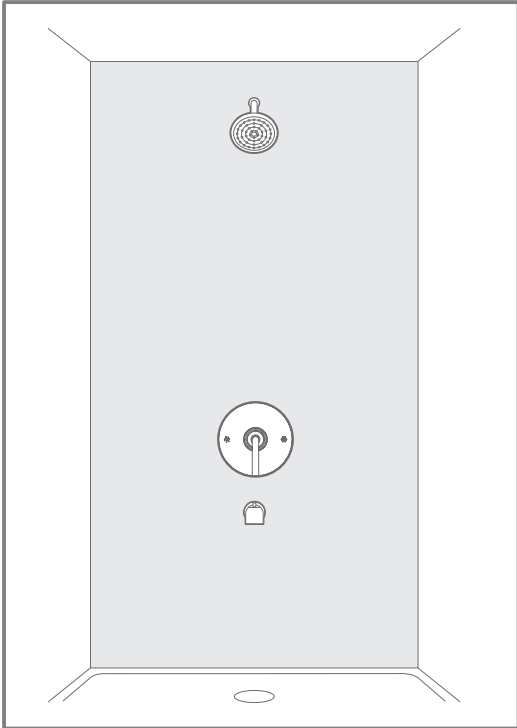
M-CORE | Tub/Shower
CONFIGURATION 02

(Installation diagram on page 61.)
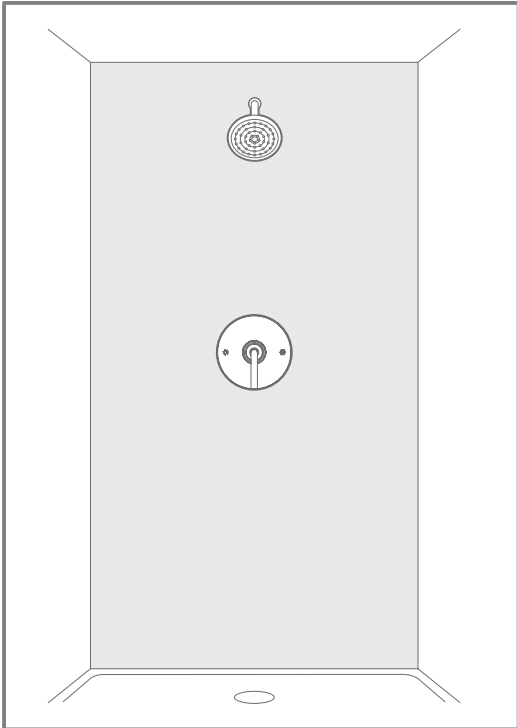
M-CORE | Tub/Shower
CONFIGURATION 03

(Installation diagram on page 62.)

Posi-Temp® | Tub/Shower

Posi-Temp Mixing Valve with Integrated Transfer Valve
1 Showering Device with Non-Diverting Tub Spout One Wall

✳ Use Posi-Temp 2521 or 2571 integrated
transfer valve for 2 independent functions

✳ Primary showerhead

✳ Non-diverting tub spout

78"

44"

1/2" HOT WATER INLET Ⓗ   Ⓒ 1/2" COLD WATER INLET

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

Showerhead,
Arm and Flange

Non-Diverter
Tub Spout

Integrated
Valve Trim

Mixing Lever
Controls the
temperature
and on/off

Diverter Lever
Diverts water
to various
showering devices
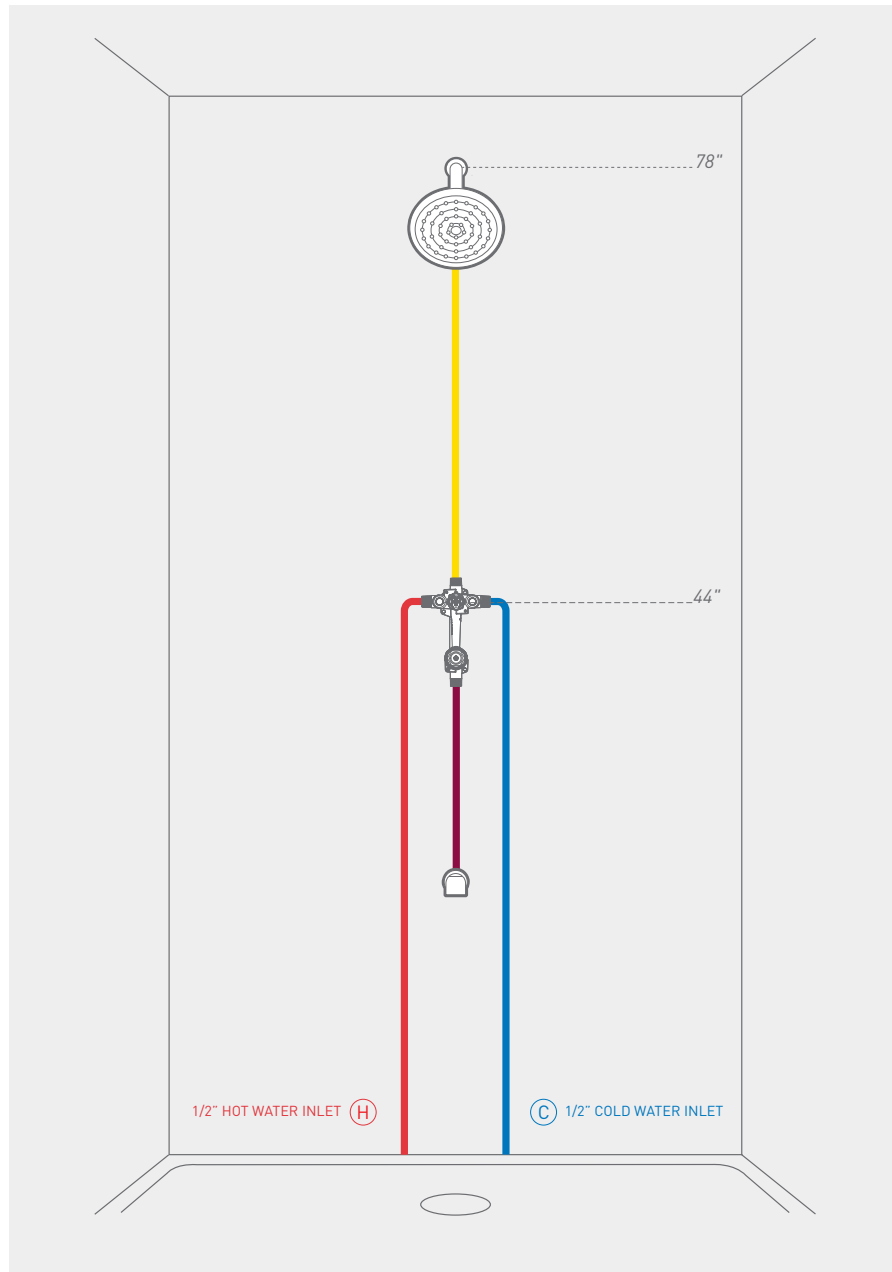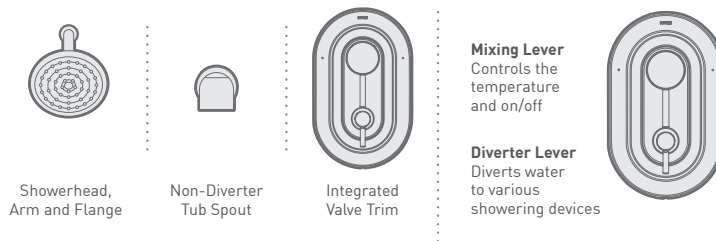
All vertical dimensions measured from the floor. Dimensions listed are suggested.
Refer to specification sheet for critical dimensions for installation.

M-CORE™ | Tub/Shower

M-CORE Mixing Valve
1 Showering Device with Diverting Tub Spout One Wall

✳ Use M-CORE U140 (4-port) mixing valves for tub/shower applications

✳ Primary showerhead
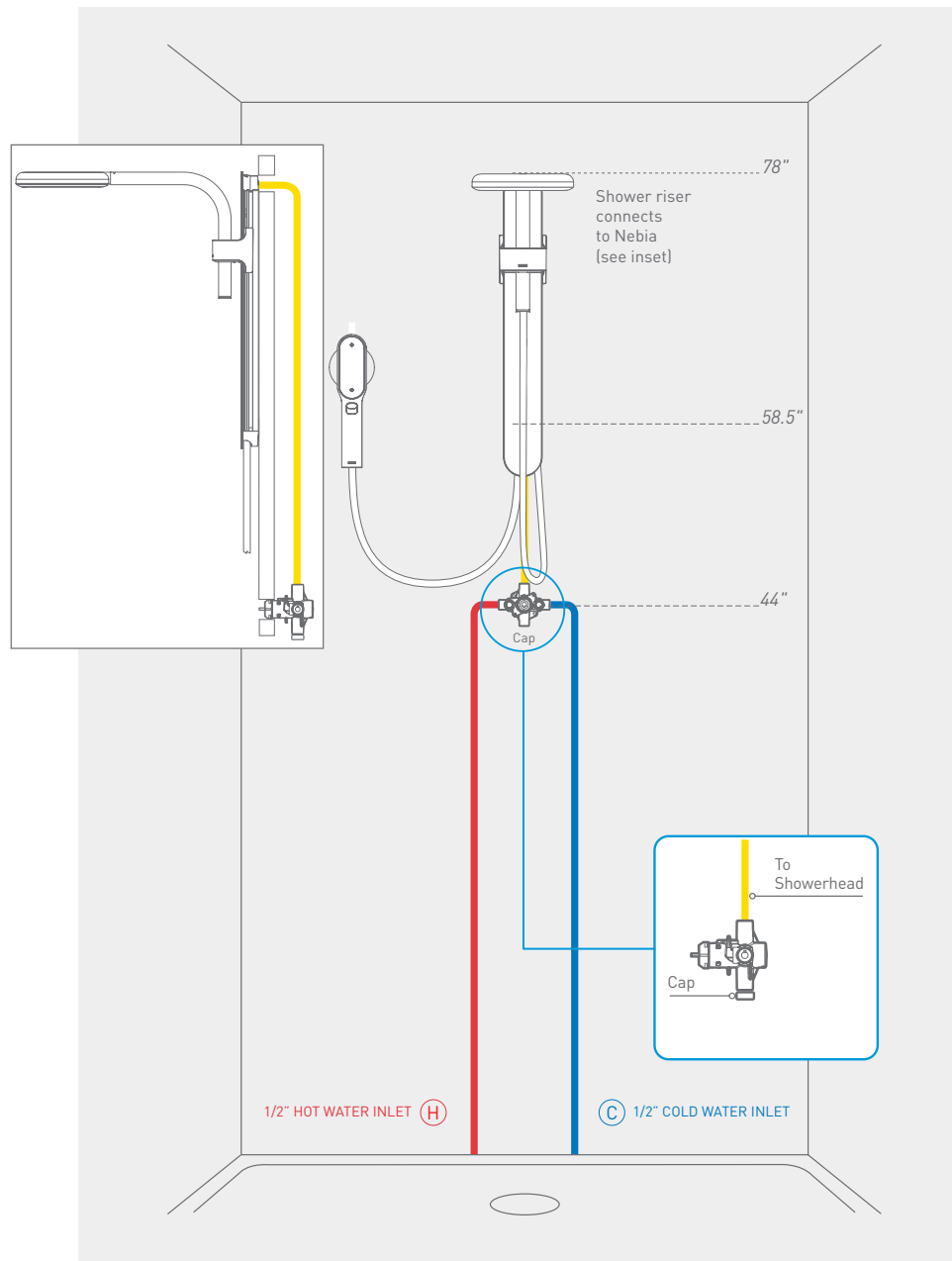
✳ Diverting tub spout
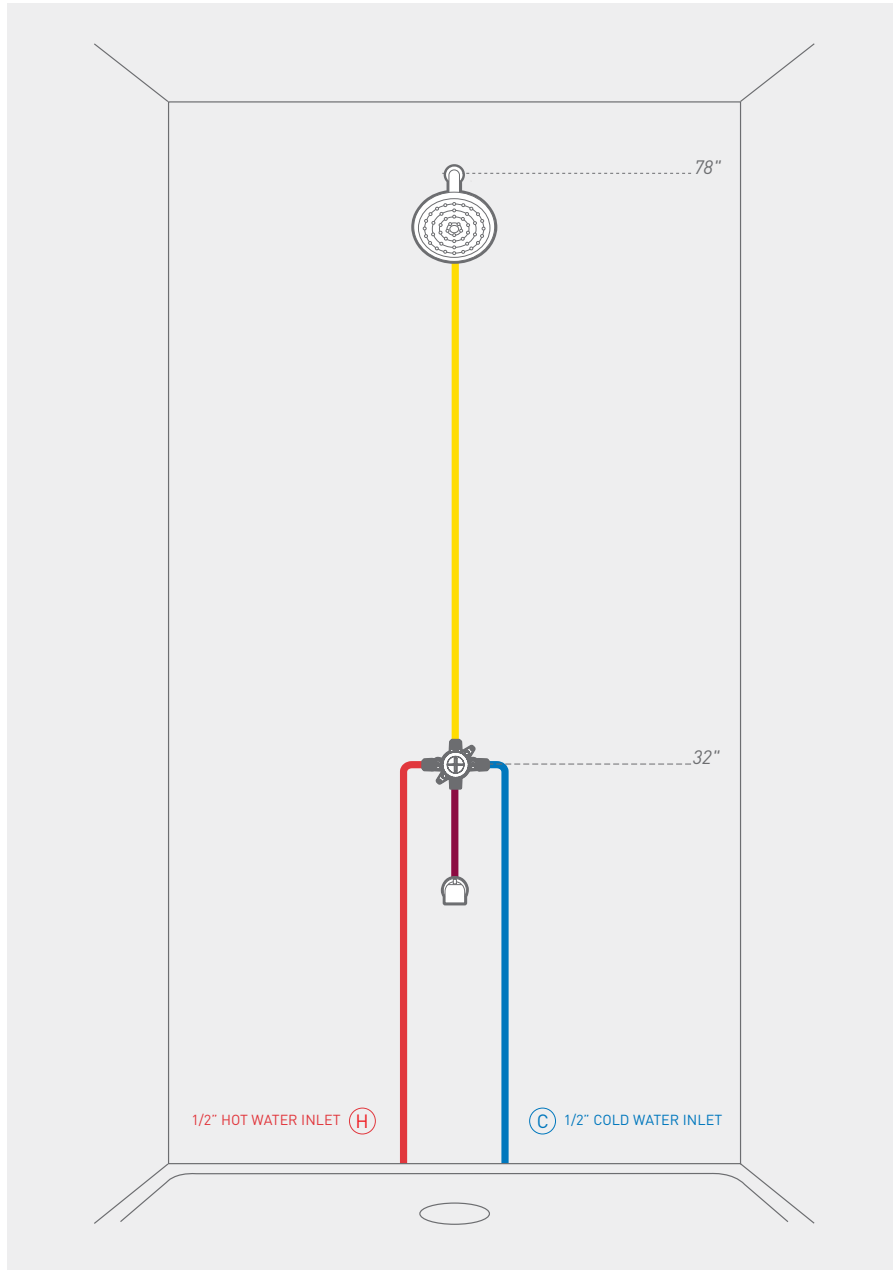
78"

32"

1/2" HOT WATER INLET (H)

(C) 1/2" COLD WATER INLET

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

Showerhead, Arm and Flange
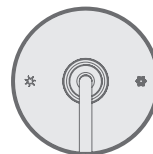
Valve Trim

Diverter Tub Spout

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

M-CORE™ | Shower

M-CORE Mixing Valve
1 Showering Device One Wall

✳ Use M-CORE U130 (3-port) valves for shower-only applications

✳ If M-CORE U140 (4-port) valve is used in a shower-only application, the tub port must be capped off

✳ Primary showerhead
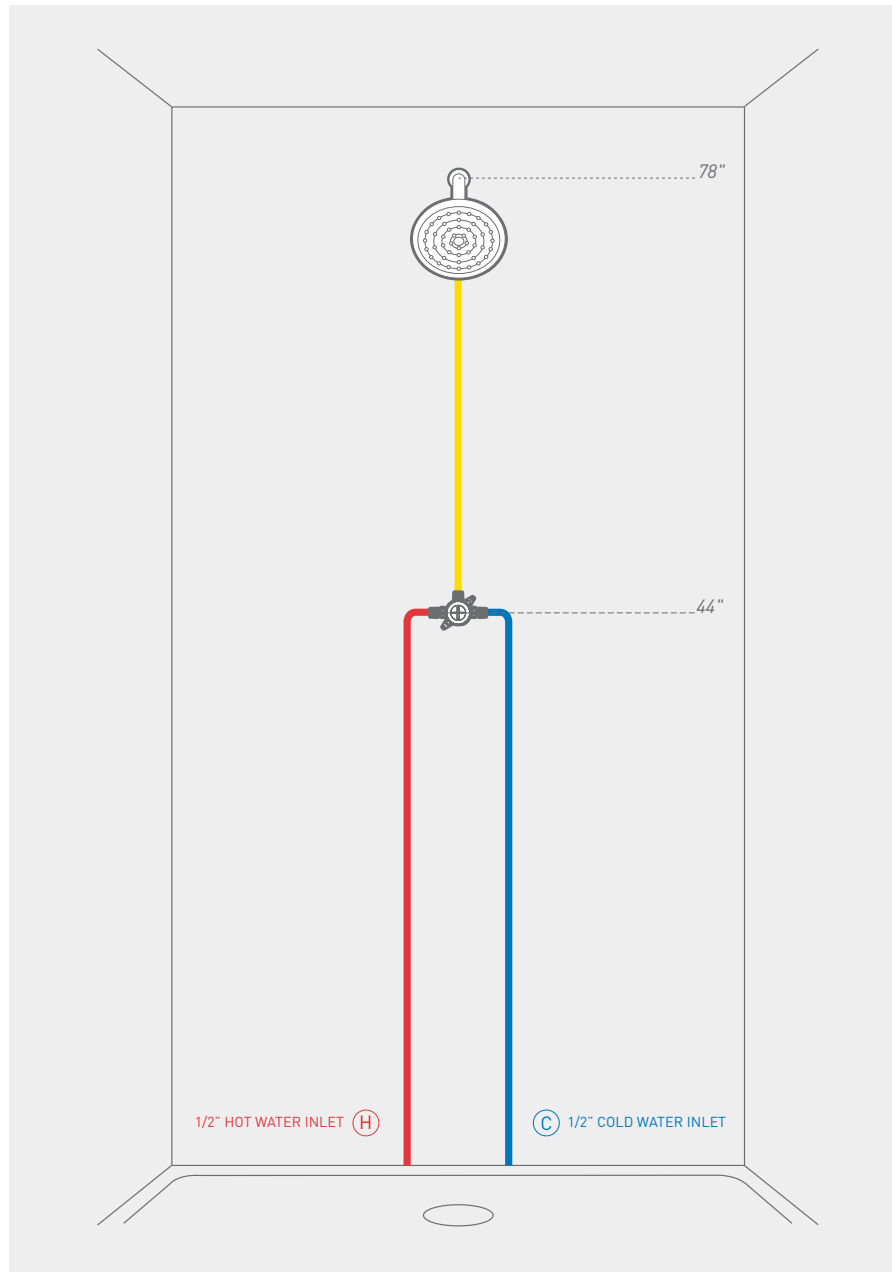
78"

44"

1/2" HOT WATER INLET Ⓗ   Ⓒ 1/2" COLD WATER INLET

Ⓜ Shower spa trim is compatible with the M•PACT® Common Valve System.
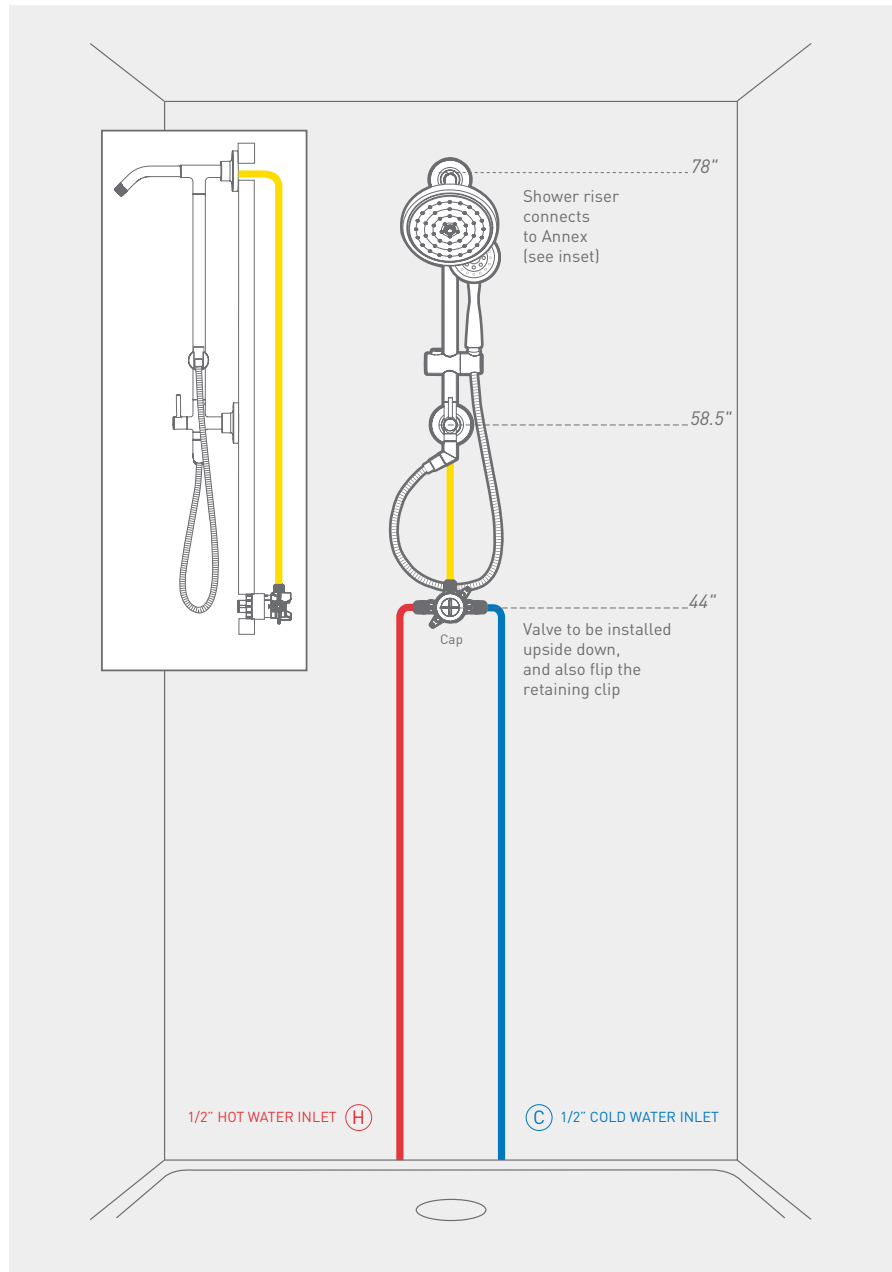
Showerhead,
Arm and Flange
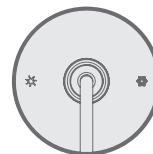
Valve Trim

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

Glyde™ Posi-Temp® shower only (T25842EPBN)

U by Moen™ | Matte Black

U by Moen™ Specs

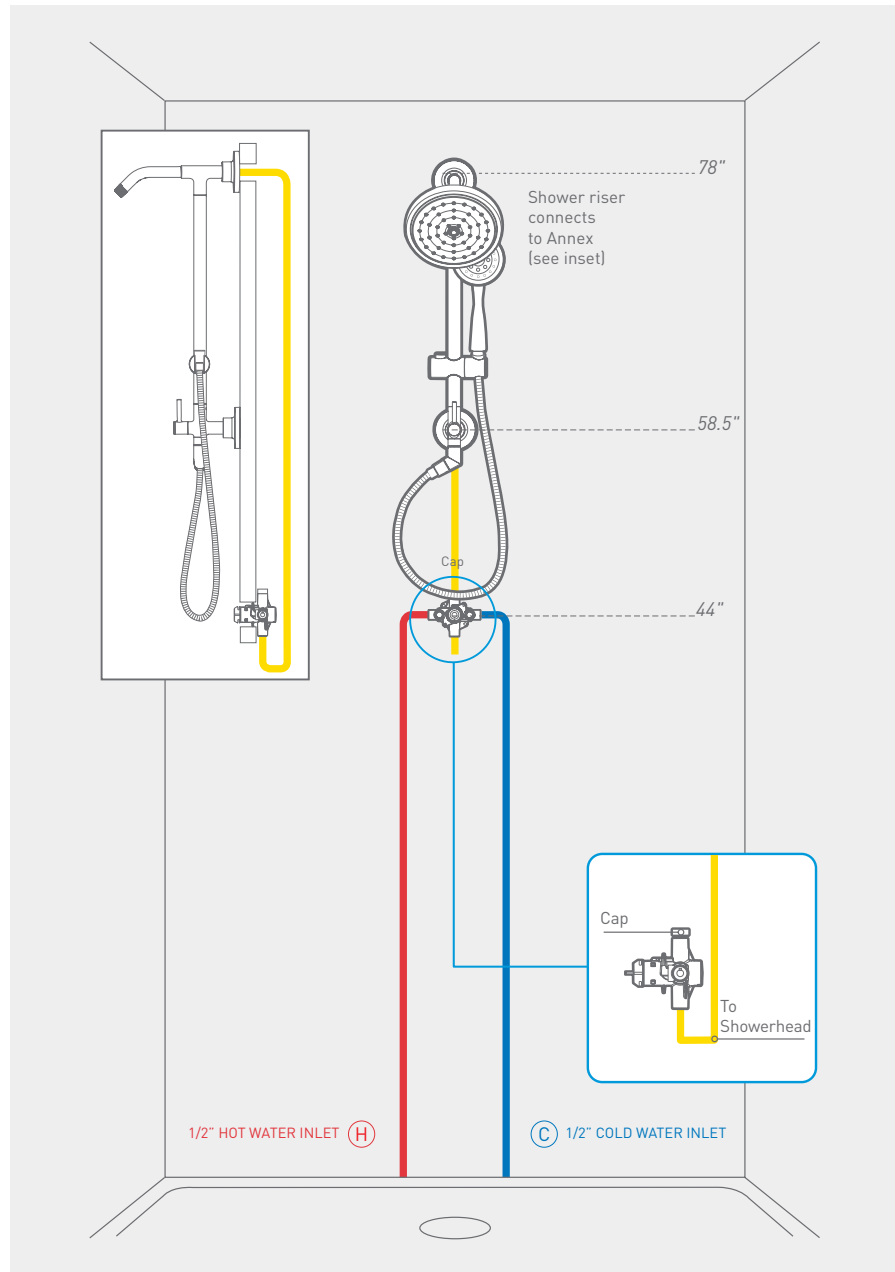|	
Type	Digital Thermostatic (Meets applicable thermostatic safety codes)
Functionality:	• Wi-Fi/cloud-based digital shower with mobile connectivity • Control by voice activation, smartphone app or soft-touch, wall-mount controller • Dial-in temperature with precise accuracy • Warm up and pause mode • Store 2 preset shower experiences on the controller with up to 12 total in the app • Optional shower timer
Spa Compatibility:	2-outlet valve (S3102) supplies 2 shower devices 4-outlet valve (S3104) supplies up to 4 shower devices
Trim:	Controller available in Terra Beige or Matte Black
Temperature Limit Stops:	Set at 115°, adjustable up to 120°F
Inlet Size:	3/4" on 4-outlet valve, 1/2" on 2-outlet valve
Outlet Size:	1/2"
Connection Options:	CC

2-Outlet Valve with Controller

4-Outlet Valve with Controller

ExactTemp® Specs

ExactTemp® 3/4" Thermostatic Valve

Type	Thermostatic (Meets applicable thermostatic safety codes)
Functionality:	• Dial in and maintain pinpoint temperature • Automatically adjusts to maintain temperature when there is 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 3/4" volume control valve (S3600)
Trim:	M•PACT® common valve system
Temperature Limit Stops:	Adjustable. Safety temperature stops at 105°, but can override to 120°
Stops:	Check stops
Inlet Size:	3/4"
Outlet Size:	3/4"
Connection Options:	IPS

¾" Thermostatic Valve

ExactTemp® 3/4" 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:	3/4" (accepts 1/2" adapter)
Outlet Size:	3/4" (accepts 1/2" adapter)
Connection Options:	IPS
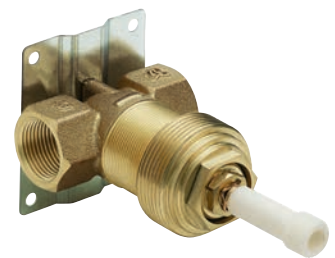
¾" Volume Control Valve

Inlet Connection Options

3/4" IPS

M-CORE™ Specs

M-CORE™ with Integrated Transfer Valve

Type	Pressure-Balancing (meets applicable pressure-balancing safety codes)
Functionality:	• Balances ratio of incoming hot and cold water to maintain desired temperature • Directs water to 2 or 3 different showering devices
Spa Compatibility:	Yes. Options include: 2 independent functions, 3 independent functions, 2 independent with 1 shared function, or 3 independent with 3 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

Integrated Transfer Valve

CC/IPS

PEX Cold Expansion

PEX Crimp Ring

M-CORE™ Transfer Valve

Type	Transfer valve
Functionality:	• Directs water to 2 or 3 different showering devices • Use with M-CORE or Posi-Temp mixing valves
Spa Compatibility:	Yes. Options include: 2 independent functions; 3 independent functions; 2 independent with 1 shared function; or 3 independent with 3 shared functions.
Trim:	• M•PACT common valve system • Transfer valve cartridge is included with the valve
Temperature Limit Stops:	N/A
Integral Stops:	N/A
Inlet Size:	1/2"
Outlet Size:	1/2"
Connection Options:	CC/IPS, PEX cold expansion, PEX crimp ring

M-CORE transfer valve

CC/IPS

PEX Cold Expansion

PEX Crimp Ring

M-CORE™ Specs

M-CORE™ Mixing Valve

Type	Pressure-balancing (meets applicable pressure-balancing safety codes)
Functionality:	Balances ratio of incoming hot and cold water to maintain desired temperature
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
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 only)

M-CORE 4-Port Mixing Valve

CC/IPS

PEX Crimp Ring with CC/IPS

PEX Cold Expansion with CC/IPS

CPVC with CC/IPS
4-Port Only

M-CORE™ and Posi-Temp® Mixing Valves are also available in pre-fabricated version.
See pages 387 and 395 in the Moen price catalog MF36

Posi-Temp® Specs

Posi-Temp® Valve

Type	Pressure-balancing (meets applicable pressure-balancing safety codes)
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 witout quarter-turn stops
Inlet Size:	1/2"
Outlet Size:	1/2"
Connection Options:	CC, IPS, PEX crimp ring, PEX cold expansion, CPVC
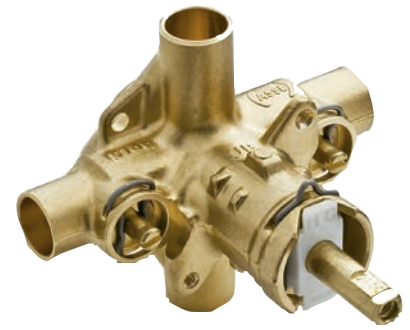
Posi-Temp Valve

IPS

CC

PEX

PEX Cold Expansion

CPVC

Posi-Temp® Integrated Transfer Valve

Type	Pressure-balancing (meets applicable pressure-balancing safety codes)
Functionality:	• Balances ratio of incoming hot and cold water to maintain desired temperature • Directs water to 2 or 3 different showering devices
Spa Compatibility:	Yes. Options include: • 2 independent functions • 2 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

*M-CORE™ and Posi-Temp® Mixing Valves are also available in pre-fabricated version.
See pages 477, 484 and 485 in the Moen price catalog MF36*

Integrated Transfer Valve

IPS

Valves M-CORE™ Transfer Valve Plumbing Configurations

Plumb as recommended below for proper diverting functionality of showering devices.

TWO INDEPENDENT FUNCTIONS
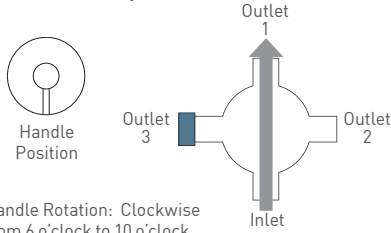
Function 1: Independent

Handle Position

Handle Rotation: Clockwise from 6 o'clock to 10 o'clock

Outlet 1
Outlet 3
Outlet 2
Inlet

Function 2: Independent

Handle Position

Outlet 1
Outlet 3
Outlet 2
Inlet

THREE INDEPENDENT FUNCTIONS

Function 1: Independent

Handle Position

Handle Rotation: 360°

Outlet 1
Outlet 3
Outlet 2
Inlet

Function 2: Independent

Handle Position

Outlet 1
Outlet 3
Outlet 2
Inlet

Function 3: Independent

Handle Position
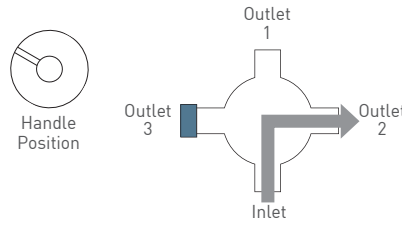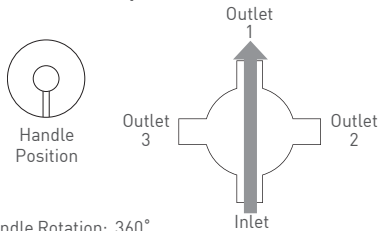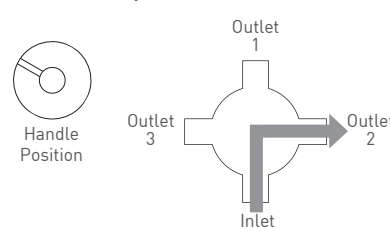
Outlet 1
Outlet 3
Outlet 2
Inlet
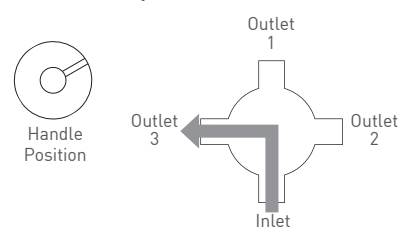
THREE FUNCTION - 2 INDEPENDENT AND 1 SHARED FUNCTION

Function 1: Independent
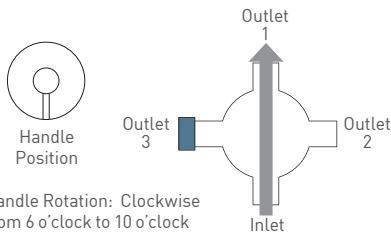
Handle Position

Handle Rotation: Clockwise from 6 o'clock to 10 o'clock

Outlet 1
Outlet 3
Outlet 2
Inlet

Function 2: Shared

Handle Position

Outlet 1
Outlet 3
Outlet 2
Inlet

Function 3: Independent

Handle Position
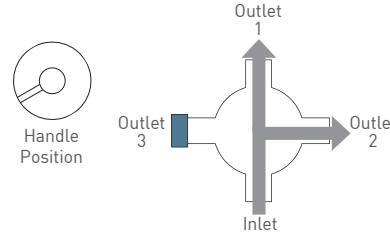
Outlet 1
Outlet 3
Outlet 2
Inlet
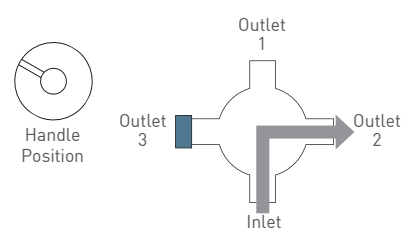
SIX FUNCTION - 3 INDEPENDENT AND 3 SHARED FUNCTIONS

Function 1: Independent

Handle Position

Outlet 1
Outlet 3
Outlet 2
Inlet

Function 2: Shared

Handle Position

Outlet 1
Outlet 3
Outlet 2
Inlet

Function 3: Independent

Handle Position
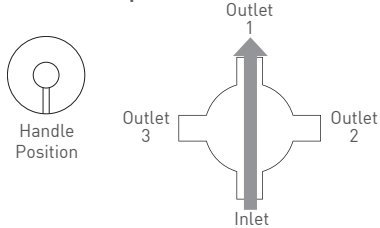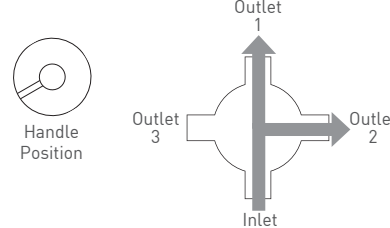
Outlet 1
Outlet 3
Outlet 2
Inlet
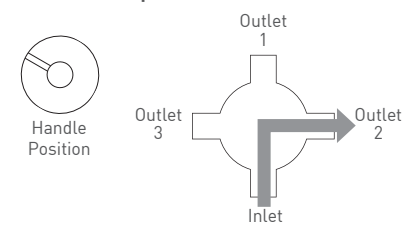
Function 4: Shared

Handle Position

Handle Rotation: 360°

Outlet 1
Outlet 3
Outlet 2
Inlet

Function 5: Independent

Handle Position

Outlet 1
Outlet 3
Outlet 2
Inlet

Function 6: Shared

Handle Position
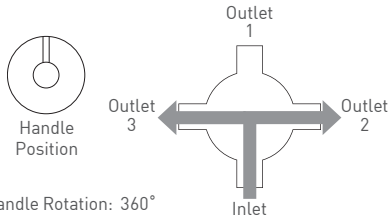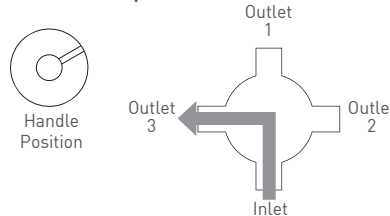
Outlet 1
Outlet 3
Outlet 2
Inlet
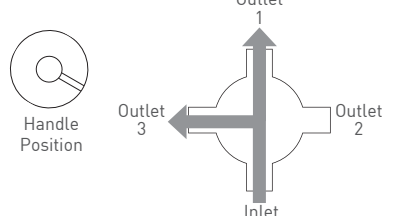
NOTES: Outlet 1: to primary showering device | Outlet 2: to second showering device | Outlet 3: to third showering device

Shower Valve Flow Rates

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

1. ¾" ExactTemp®
S3371 ¾" ExactTemp: 18.0 gpm

2. U by Moen™ Shower – 4-Outlet
S3104 4-Outlet: 16.0 gpm

3. Volume Control
S3600 Volume Control: 13+ gpm

4. U by Moen Shower – 2-Outlet
S3102 2-Outlet: 10.3 gpm

5. Posi-Temp® Tub Port
Four Port Valves
Flow at Tub: 6.3 gpm

6. Posi-Temp Shower Port
Three Port Valves
Flow at Tub: 6.3 gpm

7. M-CORE™ 3-Series Tub Port
Flow at Tub: 6.2 gpm

8. M-CORE 3-Series Shower Port
Flow at Shower: 5.8 gpm

9. M-CORE 2-Series Tub Port
Flow at Tub: 6.7 gpm

10. M-CORE 2-Series Shower Port
Flow at Shower: 6.4 gpm

11. M-CORE with Transfer
Two Outlets: 5.6 gpm

12. Posi-Temp Shower Port 4-Port Valve
Flow at Shower: 4.0 gpm

13. Posi-Temp with Integrated Transfer Valve
Two Outlets: 5.0 gpm

Shower Spa Installation Recommendations

Graph Line	Valve	Flow rate through shower port (gpm) @ 20 PSI	Flow rate through shower port (gpm) @ 40 PSI	Flow rate through shower port (gpm) @ 60 PSI	Use with 2- or 3-function transfer	Maximum components
1	¾" ExactTemp® S3371	11.4	15.7	18.0	No	4 components: Any combination of showerheads, handshowers and body sprays (4 max)
2	U by Moen™ 4-Outlet S3104	9.0	13.0	16.0	No	4 components: Any combination of showerheads, handshowers and body sprays (4 max)
4	U by Moen™ 2-Outlet S3102	6.0	8.5	10.0	No	Showerhead, handshower or showerhead, 2 body sprays
6	Posi-Temp® 3-Port Valves	3.6	5.1	6.3	Yes	Showerhead, handshower or showerhead, 2 body sprays*
8	M-CORE™ 3-Series Shower Port	3.1	4.6	5.8	Yes	Showerhead, handshower or showerhead, 2 body sprays*
10	M-CORE™ 2-Series Shower Port	3.5	5.1	6.4	Yes	Showerhead, handshower or showerhead, 2 body sprays*
11	M-CORE™ with Transfer	3.0	4.5	5.6	No	Showerhead, handshower or showerhead, 2 body sprays*
12	Posi-Temp® Shower Port 4-Port Valves	2.1	3.2	4.0	Yes	Showerhead, handshower*
13	Posi-Temp® with Integrated Transfer Valve	3.0	4.0	5.0	No	Showerhead, handshower

*Min 50 psi recommended when plumbing a showerhead and 2 body sprays for shared flow.

Choose the Right Moen® Shower Valve for Your Bathroom

How to Choose the Right Valve

VALVE OPTIONS AT-A-GLANCE

	U by Moen™ Shower 2-Outlet Valve**	U by Moen™ Shower 4-Outlet Valve**	ExactTemp® ¾" Thermostatic Valve***
	Thermostatic Valves		
COMFORT FEATURES			
Personalization Create settings for every occasion — post workouts, lazy mornings and more.	●	●	
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 Lets you 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 diverting valves 3372, 3362, or 3375 to obtain shower spa compatibility.

** U by Moen is warranted for 5 years against leaks, drips and operation defects to the original consumer purchaser; 1-year warranty if used in commercial applications. 5-year warranty on digital components, limited lifetime trim warranty.

*** Use with ExactTemp ¾" volume control valves.

Please see **moen.com/consumer-support/warranty** for complete product warranty information.

NEW

	M-CORE™ with Multi-Function Transfer Valve	M-CORE™ Mixing Valve Body*	M-CORE™ Pressure-Balancing Volume Control Cartridge	M-CORE™ Pressure-Balancing Cycling Cartridge	Posi-Temp® Pressure-Balancing Cycling Valve*	ExactTemp® Volume Control	M-CORE™ Transfer Valve	Nebia by Moen™ Retrofit onto existing plumbing. No need to go behind the wall.	Annex™ Retrofit onto existing plumbing. No need to go behind the wall.
	Pressure-Balancing Valves and Cartridge					**Volume Control and Transfer Valves**			
	•	•		•	•	•	•	•	•
			•			•			
			•						
			•	•	•	N/A	N/A	N/A	N/A
			•	•	•	N/A	N/A	N/A	N/A
	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	N/A	N/A

Valves - Options for your showering system needs

Model Number	Description	Category	Stops/ Check Stops	Ports	CC Inlets/CC Outlets	CC/IPS Inlets & Outlet(s)
S3104	U by Moen™ 4-outlet	Digital Thermostatic	N/A	6	●	
S3102	U by Moen™ 2-outlet	Digital Thermostatic	N/A	4	●	
S3371	ExactTemp® 3/4" IPS connection includes check stops	ExactTemp	Check Stops	4		
S3600	Volume control 3/4" IPS connection	ExactTemp	N/A	2		
U130CI	M-CORE™ 1/2" CC/IPS with flush plug	M-CORE	N/A	3		●
U130X	M-CORE™ 1/2" PEX with flush plug	M-CORE	N/A	3		
U130CX	M-CORE™ 1/2" cold PEX with flush plug	M-CORE	N/A	3		
U130CIS	M-CORE™ 1/2" CC/IPS with stops and flush plug	M-CORE	Stops	3		●
U130XS	M-CORE™ 1/2" PEX with stops and flush plug	M-CORE	Stops	3		
U130CXS	M-CORE™ 1/2" cold PEX with stops and flush plug	M-CORE	Stops	3		
U140CI	M-CORE™ 1/2" CC/IPS with flush plug	M-CORE	N/A	4		●
U140X	M-CORE™ 1/2" PEX with flush plug	M-CORE	N/A	4		
U140CX	M-CORE™ 1/2" cold PEX with flush plug	M-CORE	N/A	4		
U140V	M-CORE™ 1/2" CPVC with flush plug	M-CORE	N/A	4		
U140CIS	M-CORE™ 1/2" CC/IPS with stops and flush plug	M-CORE	Stops	4		●
U140XS	M-CORE™ 1/2" PEX with stops and flush plug	M-CORE	Stops	4		
U140CXS	M-CORE™ 1/2" cold PEX with stops and flush plug	M-CORE	Stops	4		
U140VS	M-CORE™ 1/2" CPVC with stops and flush plug	M-CORE	Stops	4		
U140X-PF	M-CORE™ 1/2" PEX with flush plug and drop	M-CORE	N/A	4		
U140CX-PF	M-CORE™ 1/2" cold PEX with flush plug and drop	M-CORE	N/A	4		
U140XS-PF	M-CORE™ 1/2" PEX with stops, flush plug and drop	M-CORE	Stops	4		
U140CXS-PF	M-CORE™ 1/2" cold PEX with stops, flush plug and drop	M-CORE	Stops	4		
U232CIS	M-CORE™ 1/2" CC/IPS with stops and transfer	2F/3F Stacked M-CORE	Stops	5		●
U232CXS	M-CORE™ 1/2" cold PEX with stops and transfer	2F/3F Stacked M-CORE	Stops	5		
U232XS	M-CORE™ 1/2" PEX with stops and transfer	2F/3F Stacked M-CORE	Stops	5		
U362CIS	M-CORE™ 1/2" CC/IPS with stops and transfer	3F/6F Stacked M-CORE	Stops	5		●
U362CXS	M-CORE™ 1/2" Cold PEX with stops and transfer	3F/6F Stacked M-CORE	Stops	5		

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 your showering system needs (continued)

Model Number	Description	Category	Stops/Check Stops	Ports	CC Inlets/CC Outlets	CC/IPS Inlets & Outlet(s)
U362XS	M-CORE™ 1/2" PEX with stops and transfer	3F/6F Stacked M-CORE	Stops	5		
U231CI	M-CORE™ 1/2" CC/IPS	2F/3F M-CORE Transfer	N/A	4		●
U231CX	M-CORE™ 1/2" cold PEX	2F/3F M-CORE Transfer	N/A	4		
U231X	M-CORE™ 1/2" PEX	2F/3F M-CORE Transfer	N/A	4		
U361CI	M-CORE™ 1/2" CC/IPS	3F/6F M-CORE Transfer	N/A	4		●
U361CX	M-CORE™ 1/2" cold PEX	3F/6F M-CORE Transfer	N/A	4		
U361X	M-CORE™ 1/2" PEX	3F/6F M-CORE Transfer	N/A	4		
2520	Posi-Temp® 1/2" CC connection	Posi-Temp	N/A	4	●	
62320	Bulk pack Posi-Temp® 1/2" CC connection	Posi-Temp	N/A	4	●	
FP62320	Bulk pack Posi-Temp® 1/2" CC connection with flush plug	Posi-Temp	N/A	4	●	
62320PF	Bulk pack Posi-Temp® 1/2" CC connection and drop	Posi-Temp	N/A	4	●	
2570	Posi-Temp® 1/2" CC connection with stops	Posi-Temp	Stops	4	●	
62370	Bulk pack Posi-Temp® 1/2" CC connection with stops	Posi-Temp	Stops	4	●	
FP62370	Bulk pack Posi-Temp® 1/2" CC with stops and flush plug	Posi-Temp	Stops	4	●	
62370PF	Bulk pack Posi-Temp® 1/2" CC with stops and drop	Posi-Temp	Stops	4	●	
2510	Posi-Temp® 1/2" IPS connection	Posi-Temp	N/A	4		
62300	Bulk pack Posi-Temp® 1/2" IPS connection	Posi-Temp	N/A	4		
FP62300	Bulk pack Posi-Temp® 1/2" IPS connection with flush plug	Posi-Temp	N/A	4		
2590	Posi-Temp® 1/2" IPS connection with stops	Posi-Temp	Stops	4		
62390	Bulk pack Posi-Temp® 1/2" IPS connection with stops	Posi-Temp	Stops	4		
FP62390	Bulk pack Posi-Temp® 1/2" IPS connection with stops and flush plug	Posi-Temp	Stops	4		
2580	Posi-Temp® 1/2" PEX connection	Posi-Temp	Stops	4		
62380	Bulk pack Posi-Temp® 1/2" PEX connection	Posi-Temp	N/A	4		
FP62380	Bulk pack Posi-Temp® 1/2" PEX connection with flush plug	Posi-Temp	N/A	4		
62380PF	Bulk pack Posi-Temp® 1/2" PEX connection and drop	Posi-Temp	N/A	4		
62360	Bulk pack Posi-Temp® 1/2" PEX connection with stops	Posi-Temp	Stops	4		
62360PF	Bulk pack Posi-Temp® 1/2" PEX connection with stops and drop	Posi-Temp	Stops	4		

^ = CC Tub Outlet

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 your showering system needs (continued)

Model Number	Description	Category	Stops/ Check Stops	Ports	CC Inlets/CC Outlets	CC/IPS Inlets & Outlet(s)
62365	Bulk pack Posi-Temp® 1/2" cold expansion PEX connection	Posi-Temp	N/A	4		
FP62365	Bulk pack Posi-Temp® 1/2" cold expansion PEX connection with flush plug	Posi-Temp	N/A	4		
62365PF	Bulk pack Posi-Temp® 1/2" cold expansion PEX connection and drop	Posi-Temp	N/A	4		
62385	Bulk pack Posi-Temp® 1/2" cold expansion PEX connection with stops	Posi-Temp	Stops	4		
FP62385	Bulk pack Posi-Temp® 1/2" cold expansion PEX connection with stops and flush plug	Posi-Temp	Stops	4		
62385PF	Bulk pack Posi-Temp® 1/2" cold expansion PEX connection with stops and drop	Posi-Temp	Stops	4		
62340	Bulk pack Posi-Temp® 1/2" CPVC connection	Posi-Temp	N/A	4		
FP62340	Bulk pack Posi-Temp® 1/2" CPVC connection with flush plug	Posi-Temp	N/A	4		
62330	Bulk pack Posi-Temp® 1/2" CPVC connection with stops	Posi-Temp	Stops	4		
62345	Posi-Temp® 1/2" CC/IPS connection	Posi-Temp	N/A	3		●
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	Stops	3		
2326PF	Posi-Temp® 1/2" PEX connection with stops	Posi-Temp	Stops	3		
FP62327PF	Bulk pack Posi-Temp® 1/2" cold expansion PEX with flush plug	Posi-Temp	N/A	3		
FP62328PF	Bulk pack Posi-Temp® 1/2" cold expansion PEX connection with stops and flush plug	Posi-Temp	Stops	3		
2328PF	Posi-Temp® 1/2" cold expansion PEX connection with stops	Posi-Temp	Stops	3		
FP62380PF^	Bulk pack Posi-Temp® 1/2" PEX connectionwith flush plug and drop	Posi-Temp	N/A	4		
FP62360PF^	Bulk pack Posi-Temp® 1/2" PEX connection with stops, flush plug and drop	Posi-Temp	Stops	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 with flush plug and drop	Posi-Temp	N/A	4		
FP62385PF^	Bulk pack Posi-Temp® 1/2" cold expansion PEX connection with stops, flush plug and drop	Posi-Temp	N/A	4		
2385PF^	Posi-Temp® 1/2" cold expansion PEX connection with stops 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		●

^ = CC Tub Outlet

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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Frequently Asked Questions

U by Moen™ 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 inch on the two-outlet shower (S3102) and 3/4 inch on the 4-outlet vertical spa (S3104). For the 2-outlet valve, the inlets and outlets are 1/2 inch; the 4-outlet valve has 3/4-inch inlets and 1/2-inch outlets.

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

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

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

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

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

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

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

No, the U by Moen shower valve is designed so the water is isolated from the electronics. In addition, the system operates under low voltage (12V). All current is properly isolated and sealed (through the controller) and the product is third-party certified by IAPMO (cUPC) to the standards ASSE 1016/ASME A112.1016/CSA B 125.16, ASME A112.18.1/CSA B125.1, UL 1951 and CSA C22.2 Nos. 14 and 68.

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

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

The Moen® 4-outlet valve (S3104) features 4 outlets and has a maximum flow rate of 16 gpm at 60 psi. The 2-outlet valve (S3102) features 2 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.

ExactTemp®

How does the ExactTemp valve work?

The ExactTemp requires a minimum of 2 valves, 1 thermostatic and 1 volume control valve. The thermostatic valve will only adjust the temperature of the water, and the volume control will turn the unit on and off, and adjust the volume of water. The thermostatic valve has a safety stop preset at 105˚. 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, please view our product literature in our Literature Center.

Posi-Temp®/M-CORE™

What is meant by a "pressure-balancing" tub and shower faucet?

A pressure-balancing tub and shower faucet balances incoming hot and cold water pressure to compensate for fluctuations in water flow. Balancing the water flow keeps shower temperatures constant and comfortable, within ±3.6°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 the cold side to operate.

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

While the valves do have several similarities:

- A pressure-balanced system that maintains water temperature within ±3.6°F (±2°C)
- Built-in temperature limit stops which 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 Exp Pex and CPVC
- Meets pressure-balancing safety codes
- M-CORE cartridges ship in M-CORE 3-Series and 2-Series shower trim kits (not with the valve)

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

Feature	M-CORE™ 3-Series	M-CORE™ 2-Series	Posi-Temp®
Handle Operation – How the faucet is turned on and off.	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, within a few seconds, the water temperature reaches your last temperature setting.	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	No	No

Notes