California Faucets®

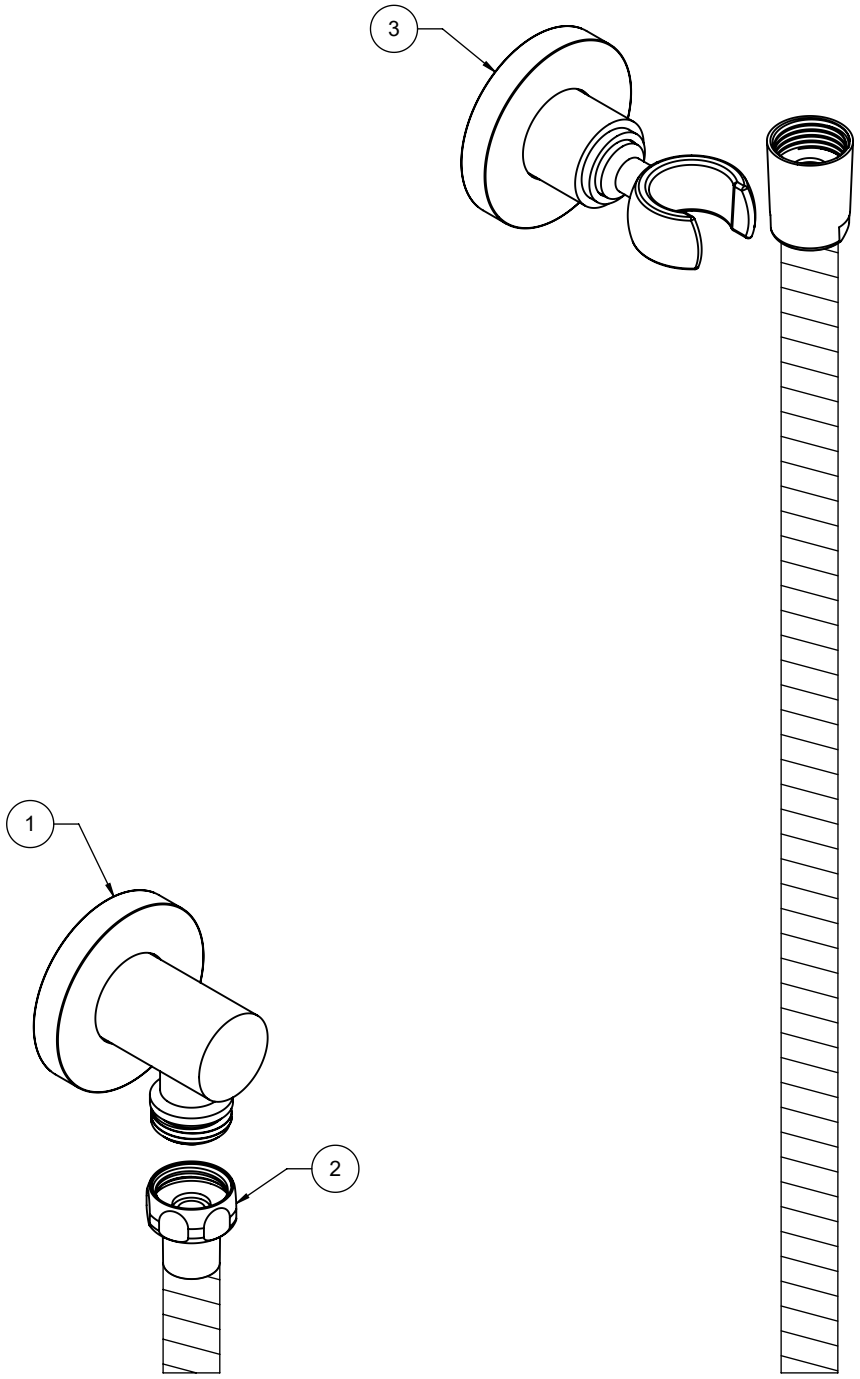
Tiburon™

Wall Mounted Handshower Kit

9125-65

"ZZ" denotes finish

Item	Model	Description	Links
1	SH-10-65-ZZ	Decorative Supply Elbow	Specification Sheet
2	HS-68-ZZ	68" Brass Hose for Handshower	Specification Sheet
3	SH-20-65-ZZ	Decorative Wall Bracket	Specification Sheet



Specifications subject to change without notice

California Faucets®

Handshower

4-1/16" MULTI-FUNCTION CONTEMPORARY HANDSHOWER

HS-083.18
HS-083.20
HS-083.25

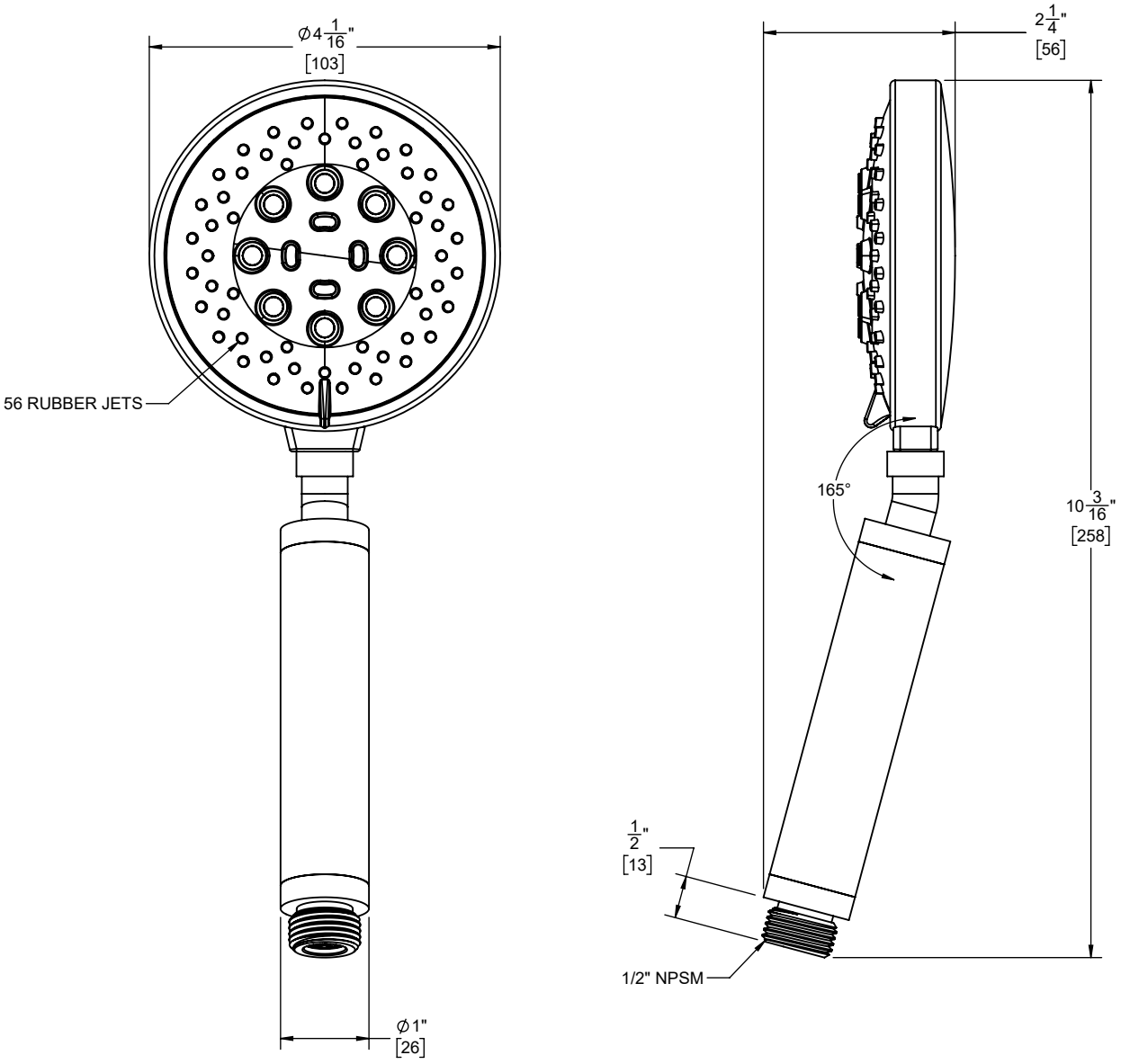
Features

- *1/2" MIP inlet*
- *3 function handshower: rain, air, & massage*
- *Self cleaning rubber jets*
- *Brass body*
- *4-1/16" diameter, gray face*
- *Replace .FR with desired max flow rate:*
  - *HS-083.25 for 2.5 gpm*
  - *HS-083.20 for 2.0 gpm*
  - *HS-083.18 for 1.8 gpm*
- *Over 28 finishes including 13 PVD finishes*

Codes/Standards Applicable

Product meets or exceeds the following:

- *ASME A112.18.1/CSA B125.1*
- *CEC (1.8 gpm)*
- *DOE (1.8. 2.0, & 2.5 gpm)*
- *Commonwealth of MA*
- *EPA WaterSense (2.0 gpm)*



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

ALL DIMENSIONS SHOWN TO NEAREST 1/16"
[ALL DIMENSIONS SHOWN TO NEAREST 1MM]

California Faucets®

Shower Arm

One Piece 6" Shower Arm & Flange

SH-01.6

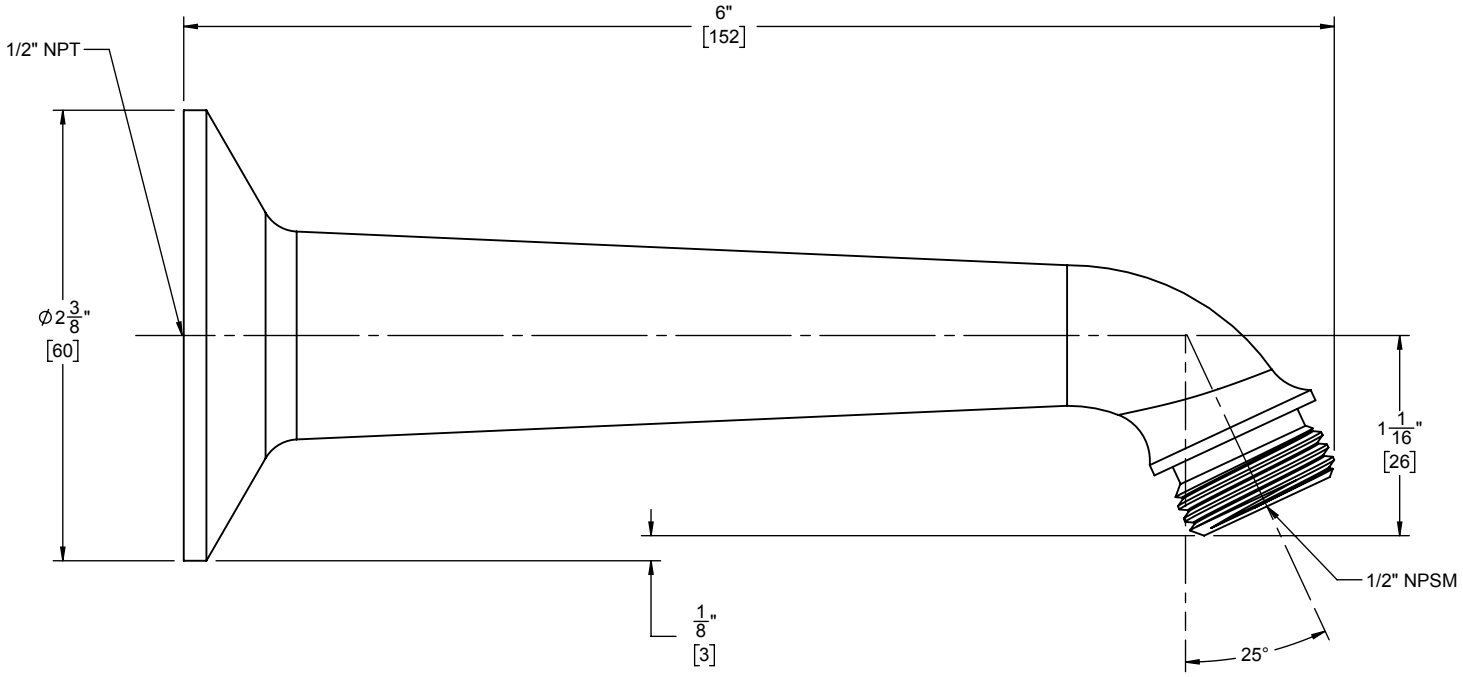
Features

- *Available in 28 finishes including 13 PVD finishes*
- *All brass construction*

Codes/Standards

Product meets or exceeds the following:

- *ASME A112.18.1/CSA B125.1*



Specifications subject to change without notice

Dimensions are inches, rounded to 1/16"
[Dimensions in brackets are mm, rounded to 1mm]

California Faucets®

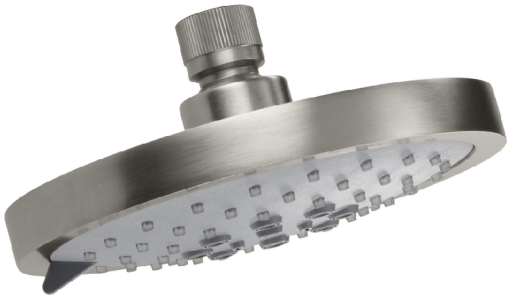
SHOWERHEAD

5-5/8" MULTI-FUNCTION CONTEMPORARY

SH-083.25
SH-083.20
SH-083.18

Features

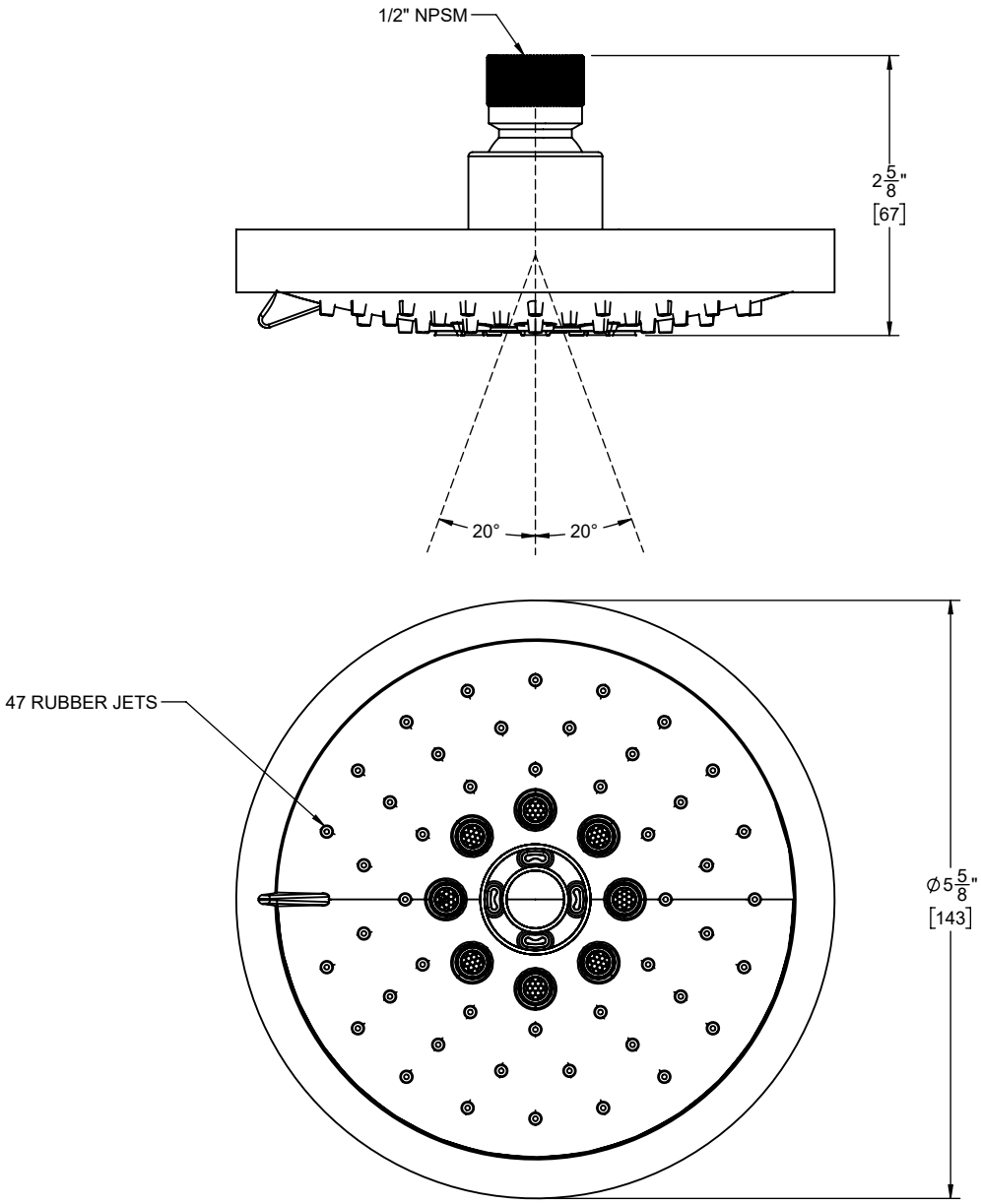
- *1/2" FIP inlet*
- *3 function: rain, air & massage*
- *Self-cleaning rubber jets*
- *Solid brass pivot ball & body*
- *5-5/8" diameter, gray face*
- *Available in 28 finishes including 13 PVD finishes*
- *Replace .FR with desired max flow rate:*
  - *SH-083.25 for 2.5 gpm*
  - *SH-083.20 for 2.0 gpm*
  - *SH-083.18 for 1.8 gpm*



Codes/Standards

Product meets or exceeds the following:

- *ASME A112.18.1/CSA B125.1*
- *CEC (1.8 gpm)*
- *DOE (2.5, 2.0, & 1.8 gpm)*
- *Commonwealth of MA*
- *EPA WaterSense Showerhead (2.0 gpm)*



SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

DIMENSIONS SHOWN TO NEAREST 1/16"
[DIMENSIONS SHOWN TO NEAREST 1MM]

California Faucets®

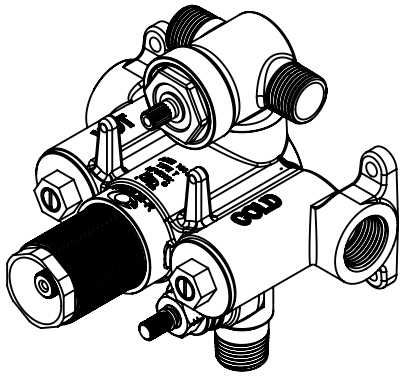
StyleTherm®

1/2" Thermostatic Rough Valve w/ Integral Non-Shared Dual Outlets & Integral Single Volume Control

THT52D2-R

Features

- *Forged brass valve body construction*
- *Max flow rate: 6.8 gpm (25.7 L/m) @ 60 psi per upper outlet*
- *Max flow rate: 7.4 gpm (28.0 L/m) @ 60 psi lower outlet*
- *Integral service stops with check valves*
- *Single-handle temperature mixing*
- *Thermostatic anti-scald protection*
- *Genuine Vernet® mixing cartridge featuring*
  - *Polymer construction limits limescale build-up*
  - *Integrated filter screens*
  - *Paraffin wax element*
- *Integral upper dual non-shared ceramic disc cartridge*
  - *Volume controllable, full-off at 12 o'clock position*
  - *1/4 turn left or right to open each outlet*
- *Integral lower 1/4 turn ceramic disc cartridge*

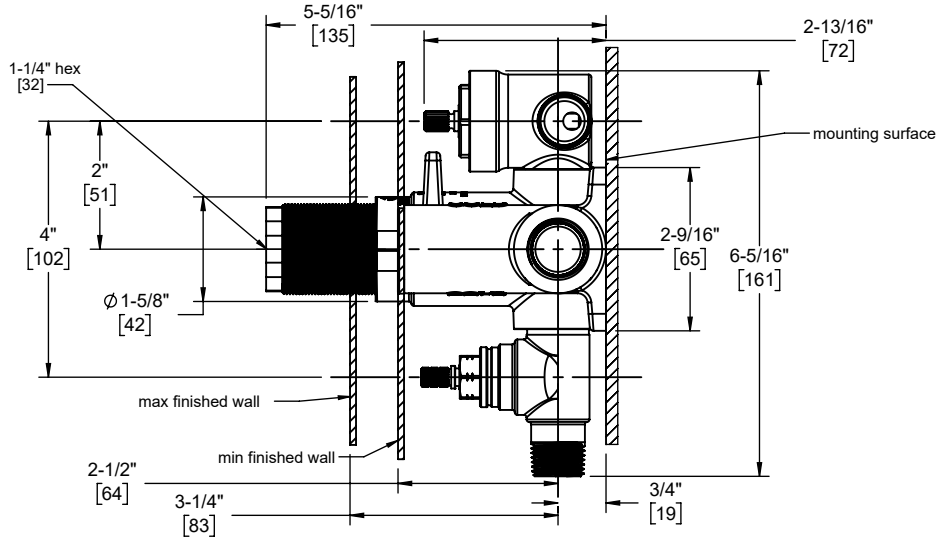


mudguard not shown

Codes/Standards

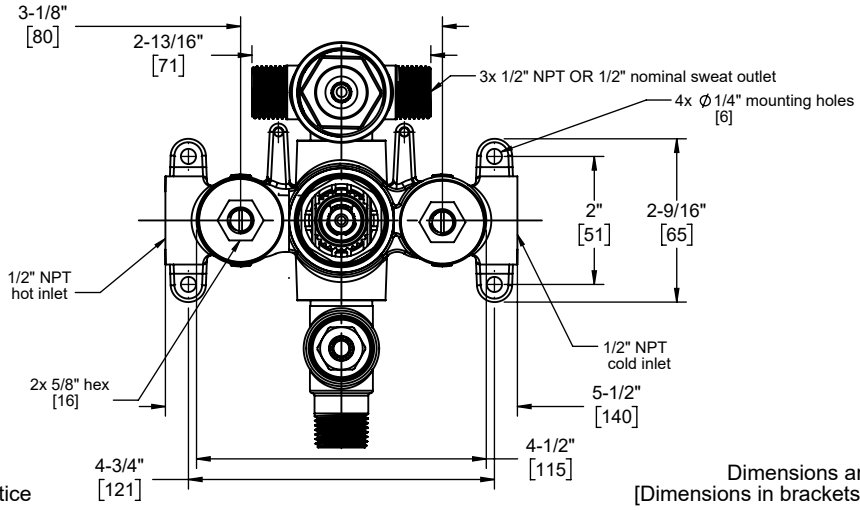
Product meets or exceeds the following:

- *ASME A112.18.1/CSA B125.1*
- *ASSE 1016*
- *CALGREEN compliant when volume control is used for tub spout*



side view

front view



Specifications subject to change without notice

Dimensions are inches, rounded to 1/16"
[Dimensions in brackets are mm, rounded to 1mm]

California Faucets®

Montara™

STYLETHERM TRIM ONLY W/ DUAL VOLUME CONTROL

TO-TH2L-66

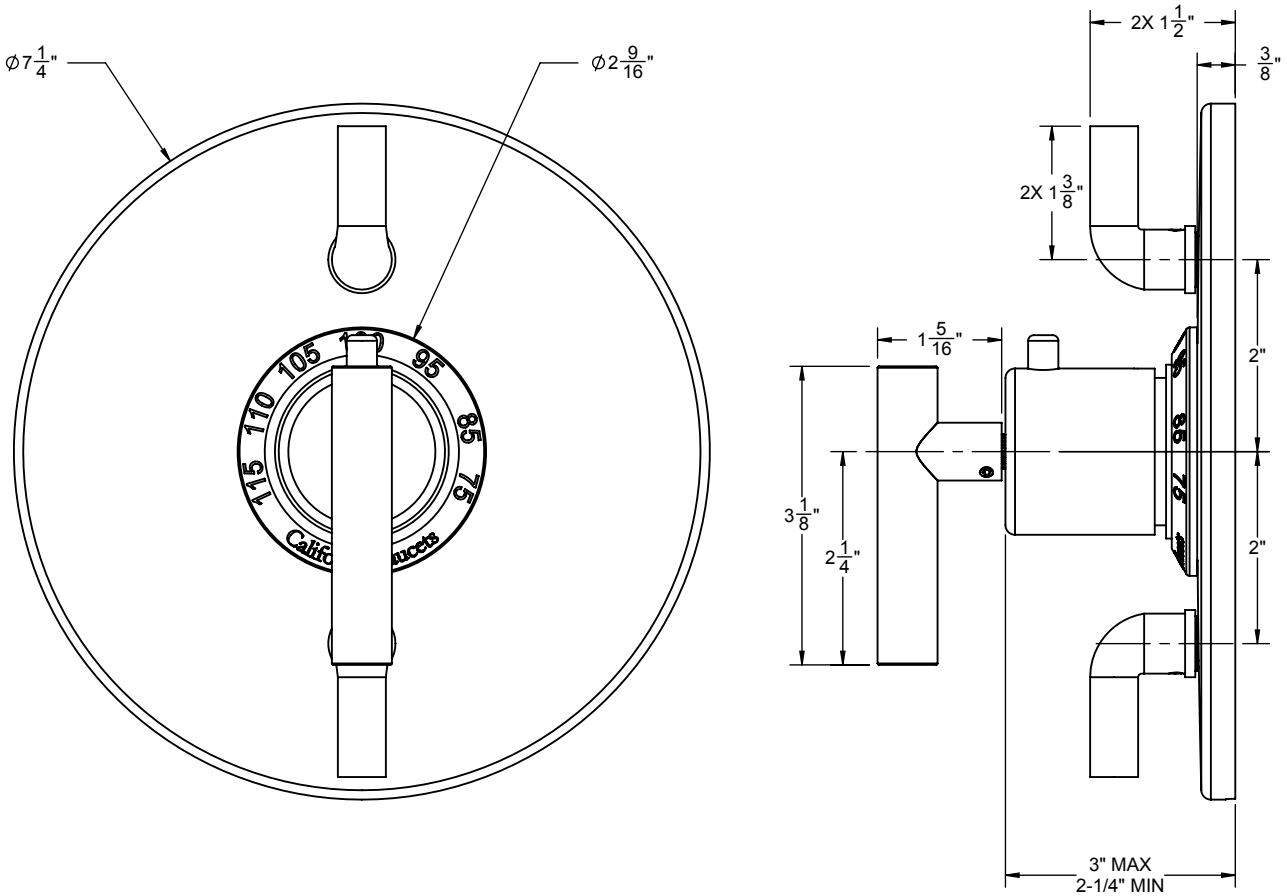
Features

- *100° F safety stop button with manual override*
- *7-1/4" diameter round faceplate*
- *Engraved brass temperature ring*
- *Dual integral volume controls*
- *All brass construction*
- *Over 30 finishes including 15 PVD finishes*

Codes/Standards Applicable

Product meets or exceeds the following:

- *ASME A112.18.1/CSA B125.1*
- *ASSE 1016*
- *ADA compliant*



California Faucets®

Tiburon™

Wall Tub Spout

TS-65

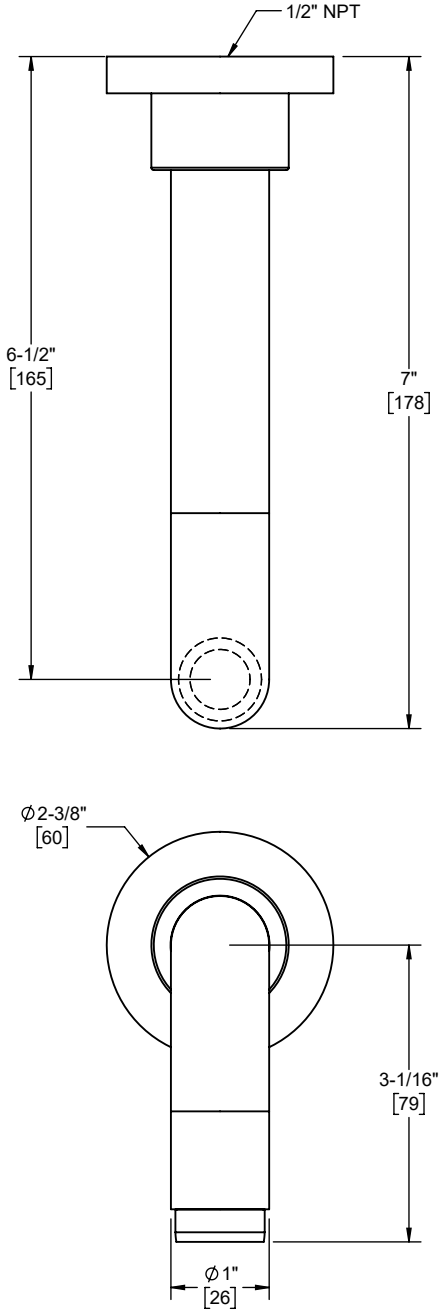
Features

- *Available in 28 finishes including 13 PVD finishes*
- *All brass construction*
- *16 gpm (60.6 L/min) max flow rate at 60 psi*
- *For use with StyleTherm, 3-VR, or 2-VR valves*

Codes/Standards Applicable

Product meets or exceeds the following:

- *ASME A112.18.1/CSA B125.1*



Through-Hole Specifications		
Min	Recommended	Max
Ø1" [25]	Ø1-1/4" [32]	Ø1-9/16" [40]

Dimensions are inches, rounded to 1/16"
[Dimensions in brackets are mm, rounded to 1mm]

Specifications subject to change without notice

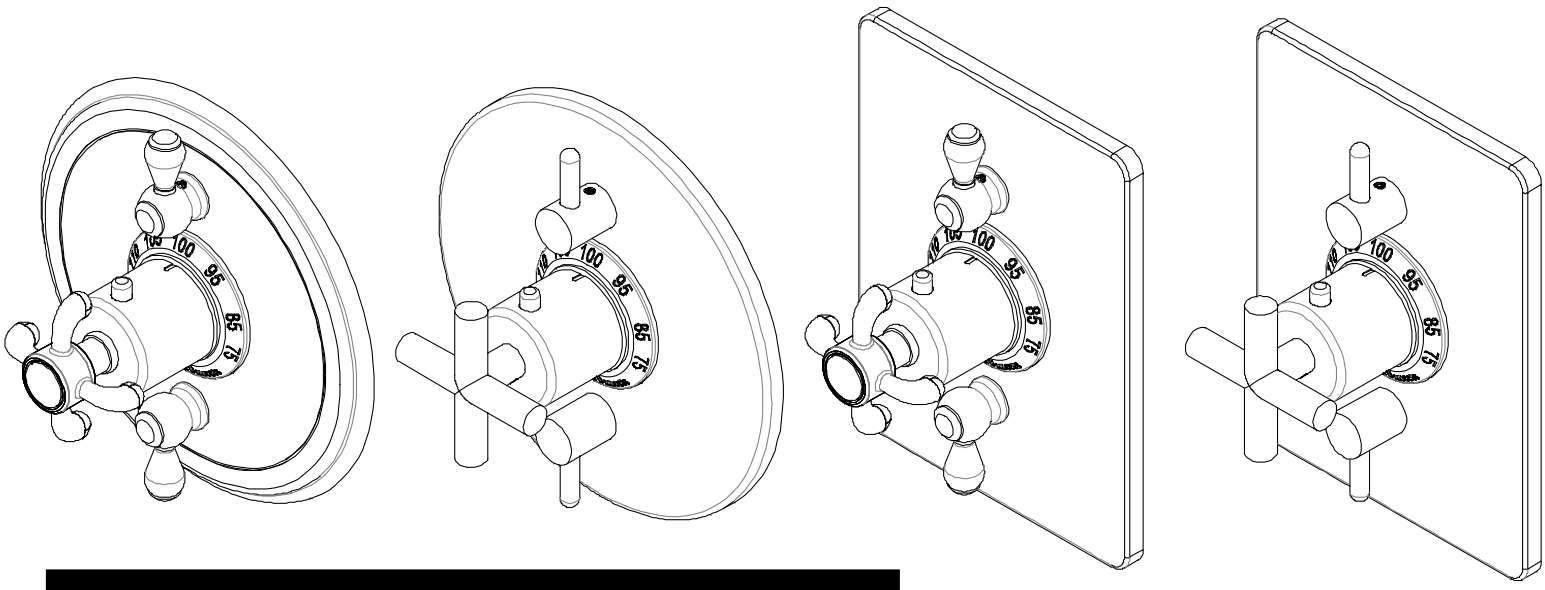
California Faucets®

StyleTherm®

TO-TH2-XX & TO-THC2-XX

½" Thermostatic Valve with Dual Volume Control Trim

Installation Instructions



IMPORTANT: Instructions to the Installer

Please read these instructions, fill in blanks below, and then give these instructions to the end user.

WARNING: Risk of Scalding

This valve **MUST** have the TEMPERATURE SETTING verified during installations. The **INSTALLER** is responsible for installing the valve and setting of water temperature in accordance with these instructions.

THIS THERMOSTATIC VALVE HAS BEEN PRESET

BY _____

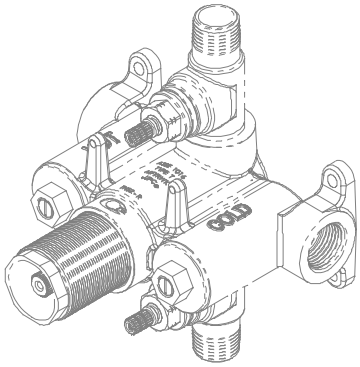
OF _____

TO A MAXIMUM DISCHARGE TEMPERATURE OF _____°F.

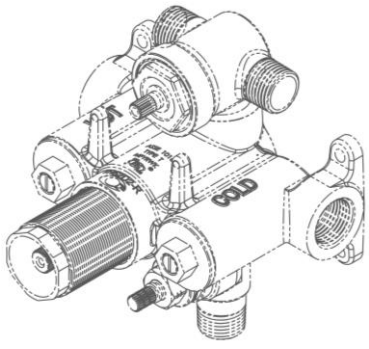
ANY CHANGES TO THIS SETTING MAY INCREASE THE DISCHARGE TEMPERATURE AND COULD RISK SCALDING OF END USER.

DATE _____

CAUTION: Danger of scald injury. Valve can be recalibrated to provide higher temperature water. This valve has been preset at the factory to provide a range of water temperatures. Any change in settings or water inlet conditions from those used during calibration at the factory may raise the outlet temperature and may cause scalding. The responsibility for the proper installation and any recalibration of this valve lies with the installer.



TH52-R
(ROUGH)



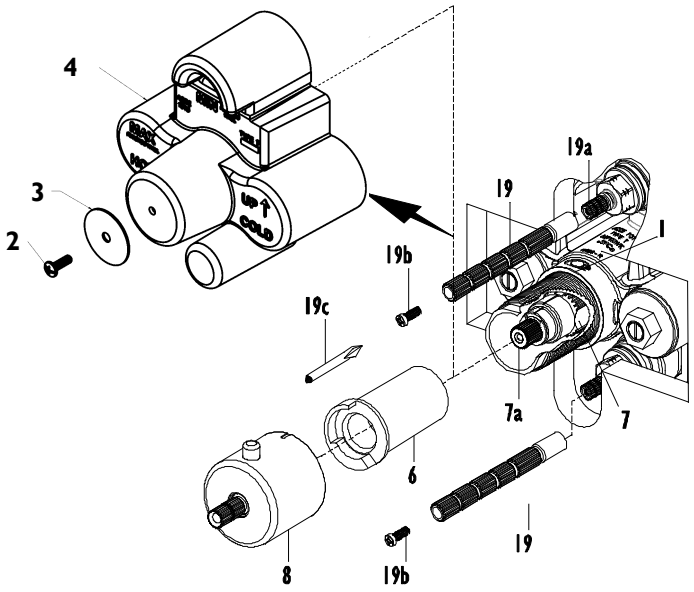
TH52D2-R
(ROUGH)

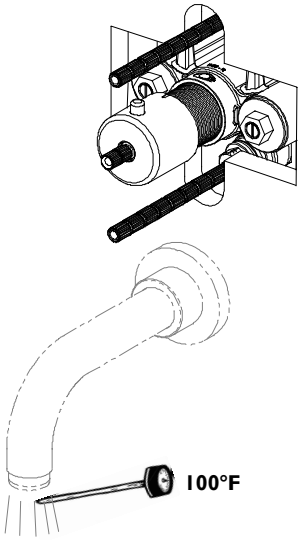
I TEMPERATURE SETTING

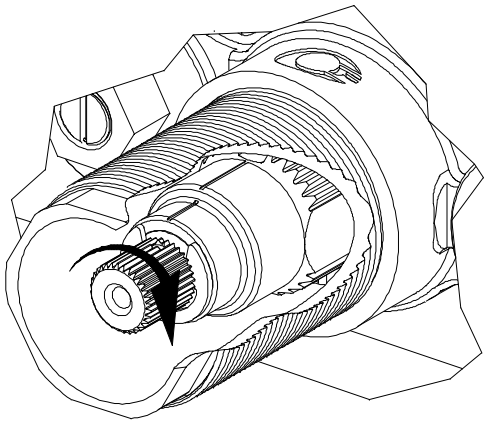
- Remove SCREW **(2)**, WASHER **(3)**, and MUDGUARD **(4)** from installed VALVE **(1)**
- Push plastic TEMPERATURE LIMIT STOP **(6)** onto THERMOSTATIC CARTRIDGE **(7)** as shown
- Temporarily place BONNET **(8)** onto THERMOSTATIC CARTRIDGE STEM **(7a)**
- Place STEM **(19)** onto STOP/VOLUME CONTROL **(19a)** and using PHILLIPS SCREWDRIVER **(19C)** secure STEM **(19)** with SCREW **(19b)**
- With both hot and cold water supplies on, open STOP/VOLUME CONTROL (19) valve to one output device
- Use temperature measuring device to confirm temperature is 100°F when BONNET **(8)** button is positioned straight up at 12 o'clock
- When button on BONNET **(8)** is depressed and rotated full left (CCW), the maximum temperature discharged from valve will be 115°F (**Note**: Follow all applicable local plumbing codes when setting maximum discharge water temperature)
- Carefully remove BONNET **(8)** and place aside until trim is installed

Note: If temperature is not 100°F with BONNET **(8)**, button at 12 o'clock, the CARTRIDGE STEM **(7a)** must be rotated to change temperature setting (clockwise (CW) for cooler & counter-clockwise (CCW) for warmer)

WARNING: Forcibly rotating thermostatic cartridge stem prior to installing handle trim, will damage cartridge and void warranty







Rotate CW for Cooler (shown)
Rotate CCW for Warmer

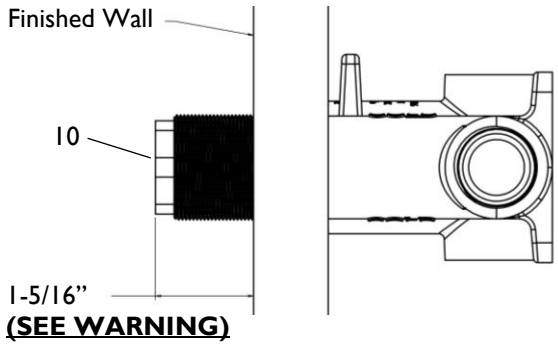
2 INSTALL TRIM

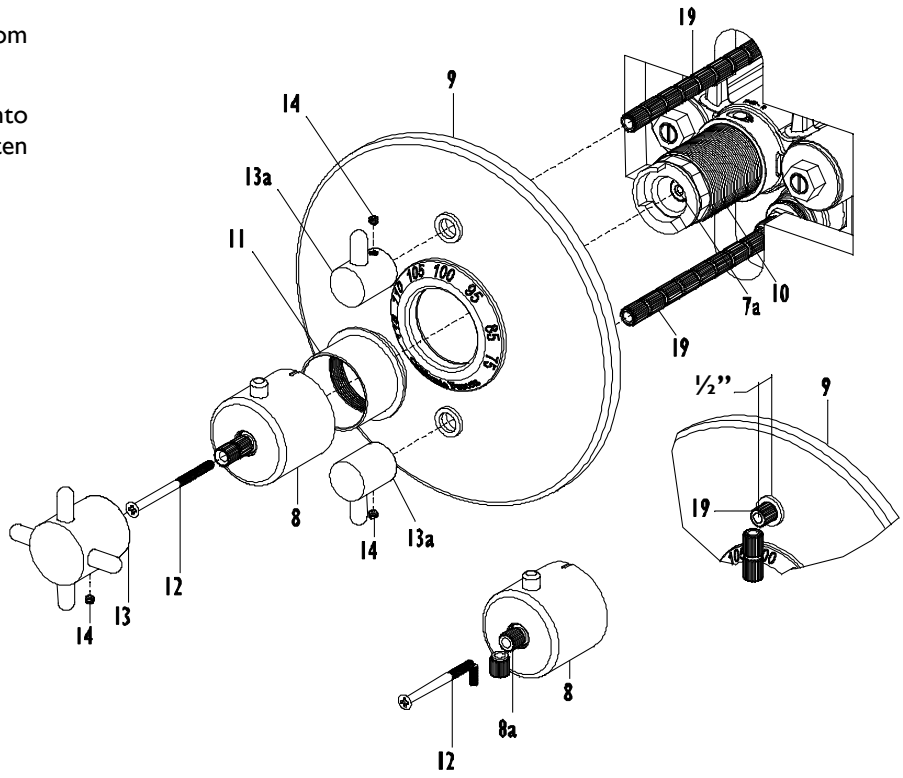
WARNING: If distance between finish wall & end of CARTRIDGE NUT **(10)** is less than 1-5/16", an extension kit (not included) **MUST** be used; **DO NOT** loosen CARTRIDGE NUT **(10)** to extend length as this will cause valve to not operate properly & lead to possible flood

- Position FACEPLATE **(9)** onto CARTRIDGE NUT **(10)** as shown
- Install SLEEVE **(11)** onto CARTRIDGE NUT **(10)** and tighten to secure FACEPLATE **(9)** against shower wall
- Place BONNET **(8)** onto THERMOSTATIC CARTRIDGE STEM **(7a)**
- Secure BONNET **(8)** with SCREW **(12)**
- Place HANDLE **(13)** onto BONNET **(8)** and tighten handle SETSCREW **(14)**

Note: Depending on handle style, it may be necessary to cut BONNET STEM **(8a)** and SCREW **(12)** to allow HANDLE **(13)** to fully seat against BONNET **(8)**

- Cut VOLUME CONTROL STEM **(19)**, ½" from surface of FACEPLATE **(9)**
- Place VOLUME CONTROL HANDLE **(13a)** onto VOLUME CONTROL STEM **(19)** and tighten SETSCREW **(14)**





3 MAINTENANCE

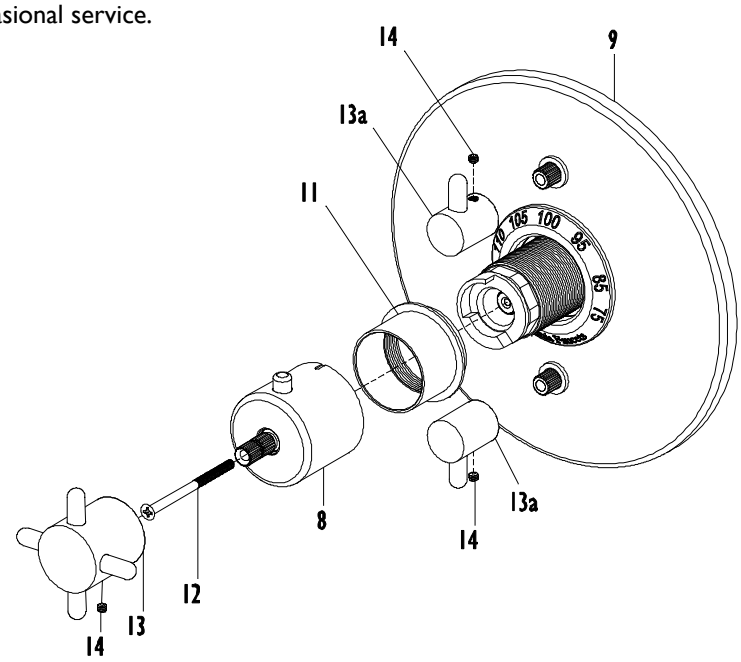
The thermostatic cartridge has built-in screens to prevent debris from affecting proper operation of anti-scald protection. Debris may build up on screens this will affect water flow and will require occasional service.

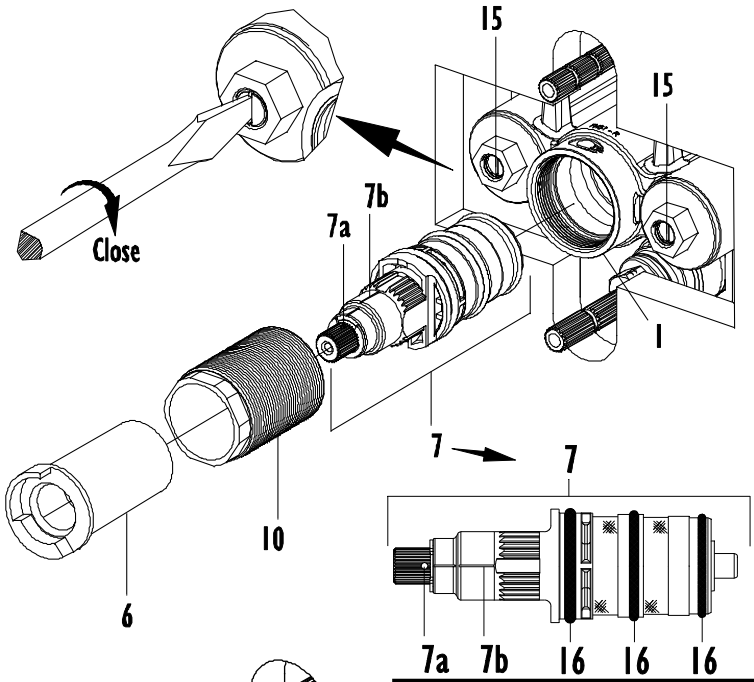
Thermostatic Cartridge Service

- Loosen all SETSCREWS **(14)**, then remove HANDLE **(13)**, VOLUME CONTROL HANDLE (13a), SCREW **(12)**, BONNET **(8)**, SLEEVE **(11)** and FACEPLATE **(9)**
- Shut off water supply to thermostatic cartridge by turning hot & cold SERVICE STOP SCREW **(15)** clockwise (inward) until screw stops
- Remove plastic TEMPERATURE LIMIT STOP **(6)** from THERMOSTATIC CARTRIDGE **(7)**
- Remove CARTRIDGE NUT **(10)** from the BODY **(1)**
- Gently pull THERMOSTATIC CARTRIDGE **(7)** out of BODY **(1)** (rotating cartridge while pulling may assist in removal)
- Rinse cartridge screens under running water to remove any possible debris
- Prior to installing THERMOSTATIC CARTRIDGE **(7)** into BODY **(1)**, apply a thin film of non-petroleum based grease onto O-RING **(16)**
- Align THERMOSTATIC CARTRIDGE STEM **(7a)** indentation or ink line with THERMOSTATIC CARTRIDGE GROOVE **(7b)** and insert THERMOSTATIC CARTRIDGE **(7)** into BODY **(1)** with THERMOSTATIC CARTRIDGE GROOVE **(7b)** straight up at 12 o'clock position
- Tighten CARTRIDGE NUT **(10)** to 10 ft-lbs
- Open water supply to thermostatic cartridge by turning hot & cold SERVICE STOP SCREW **(15)** counter-clockwise (outward) until screw stops
- See **1 TEMPERATURE SETTING**
- See **2 INSTALL TRIM**

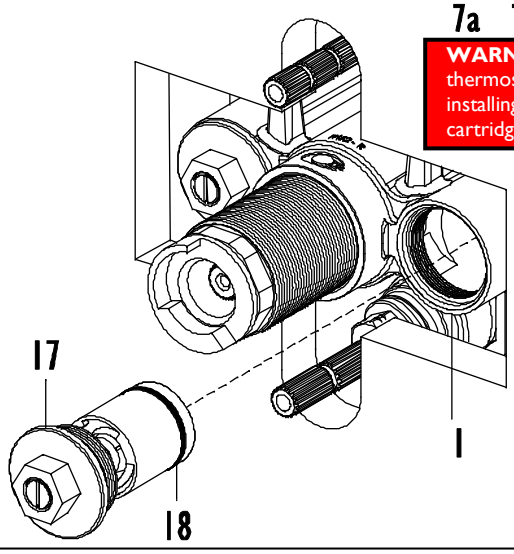
Check Valve Service

- Shut off water supply to valve inlets at main or valve upstream from BODY **(1)**
- Remove CHECK VALVE **(17)** from BODY **(1)**
- Rinse CHECK VALVE **(17)** under running water
- Prior to installing CHECK VALVE **(17)** into BODY **(1)**, apply a thin film of **non-petroleum** based grease onto O-RING **(18)**
- Tighten CHECK VALVE **(17)** to 10 ft-lbs
- See **1 TEMPERATURE SETTING**
- See **2 INSTALL TRIM**





WARNING: Forcibly rotating thermostatic cartridge stem prior to installing handle trim, will damage cartridge and void warranty.



StyleTherm®

THT52D2-R

½" Thermostatic Valve w/ Dual Non-Shared & Single Control Outlets

Installation Instructions

CALIFORNIA FAUCETS RECOMMENDS THAT ALL PLUMBING PRODUCTS BE INSTALLED BY A LICENSED PROFESSIONAL

IMPORTANT: Read all instructions prior to installation and provide copy of instructions to consumer.

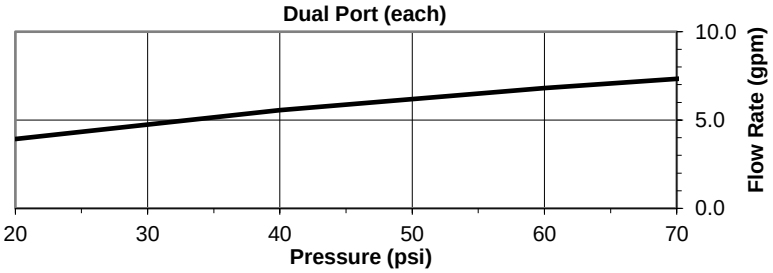
WARNING: This valve is factory set to deliver water at 100°F; however, it is the installer's responsibility to verify correct temperature setting to prevent risk on scalding or other severe injury prior to consumer use. The installer is responsible for adjusting maximum temperature setting according to Thermostatic Rough and Thermostatic Trim Installation Instructions.

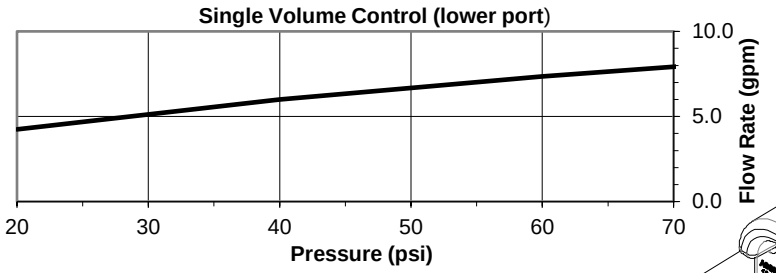
WARNING: To prevent possible injury and/or flood damage, the valve's CARTRIDGE NUT must always be tightened to the factory torque setting of 10lb. ft. (13.6 Nm)

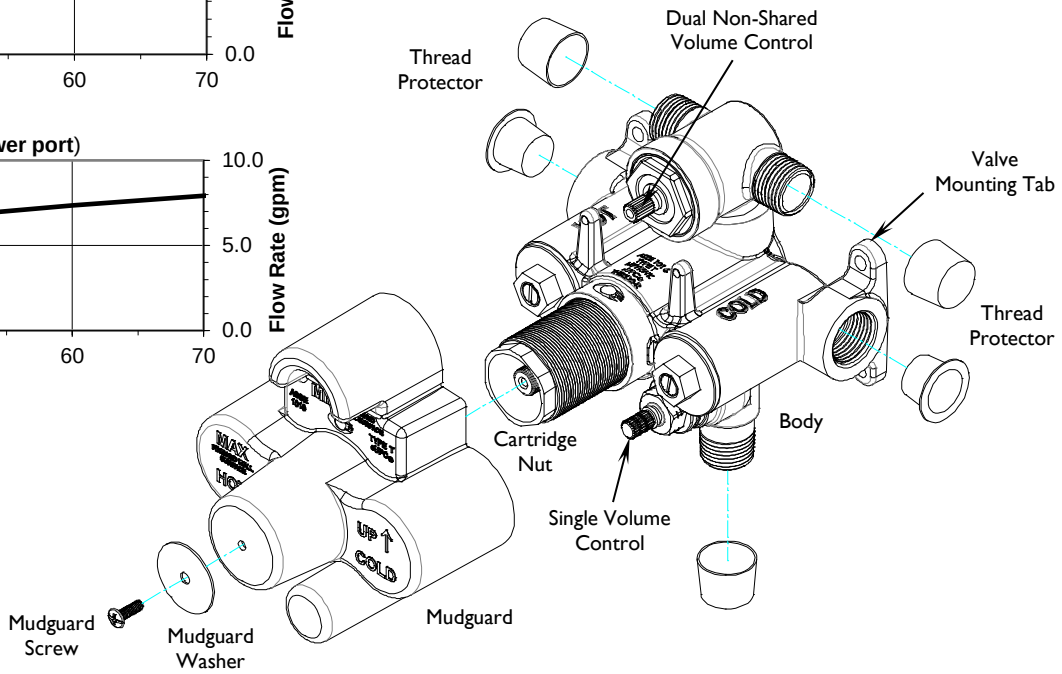
Operating Specifications:

Recommended Supply Pressure:	20 to 70 psi *†
Recommended Hot Water Supply Temperature:	120 to 140°F ‡
Nominal Flow Rate @ 60 psi (Dual port):	6.8 gpm
Nominal Flow Rate @ 60 psi (lower port):	7.4 gpm

* Operating pressures between hot and cold supplies should vary no more than 30 psi.
† If water pressure exceeds 70 psi, install a Pressure-Reducing Valve (RPV).
‡ Follow all applicable local plumbing codes when setting the temperature on the water heater.

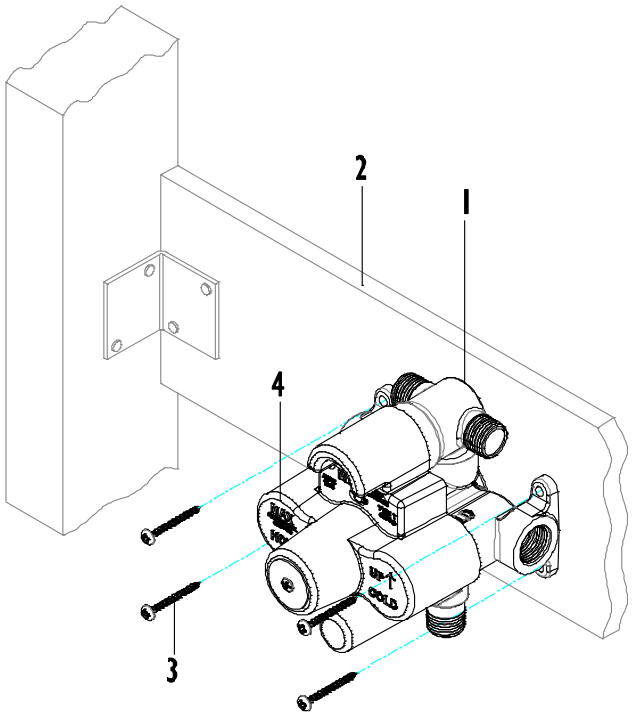






1 INSTALLING VALVE TO FRAME

- Determine the desired location for the valve, construct suitable stud, and support framing
- Attach VALVE **(1)** to CROSS SUPPORT **(2)** by using SCREWS **(3)** (not supplied) as shown
- The valve should be level in HORIZONTAL, VERTICAL and PARALLEL to wall
- Placement of VALVE **(1)** and CROSS SUPPORT **(2)** within the wall shall be determined by the MIN/MAX Limits shown on MUDGUARD **(4)**
- For complete detailed VALVE **(1)** dimensions see **5 ROUGH-IN DIMENSIONS**



2 WATER CONNECTIONS

- Remove and discard THREAD PROTECTORS **(5)**
- Pre-assemble FITTINGS **(6)** prior to attaching to VALVE **(1)**
- Apply thread sealant to all FITTING **(6)** threads and attach to VALVE **(1)** Attach **"COLD"** INLET to COLD SUPPLY and **"HOT"** INLET to HOT SUPPLY. **All soldering of FITTINGS (6) shall be performed a minimum of 4" away from VALVE (1)**
- Perform all other required connections to output device(s) (i.e. showerhead, handshower, etc.…)
- Verify VOLUME CONTROL **(1a)** is in off position
- Turn on water supply and check for leaks
- If CARTRIDGE NUT **(10)** has been loosened, re-tighten to factory torque setting of 10.lb-ft (13.6 Nm)
- Replace MUDGUARD **(4)** on valve

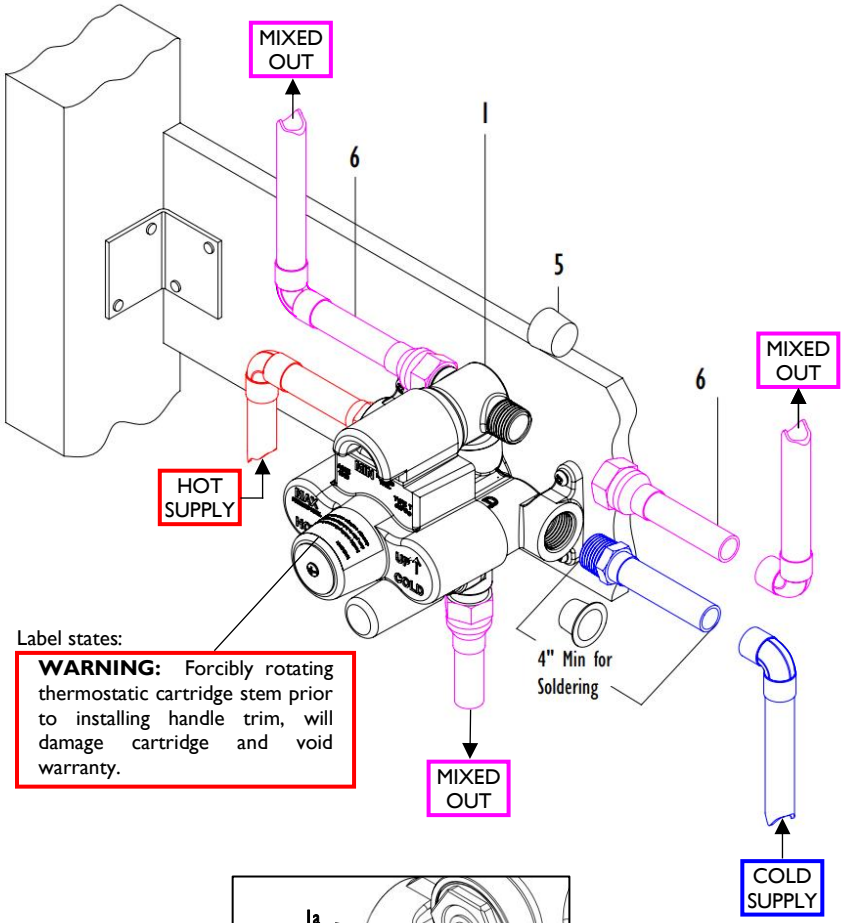
IMPORTANT: Flush supply lines prior to installation to prevent damage and malfunction of thermostatic cartridge.

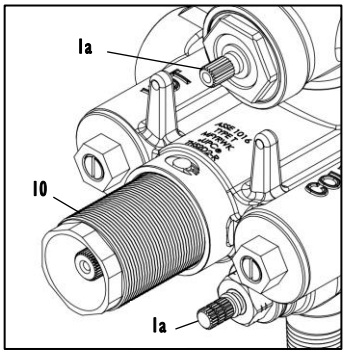
IMPORTANT: Cold water supply *must* be connected to inlet marked "COLD" and hot water supply *must* be connected to inlet marked "HOT".

CAUTION: This valve contains plastic and rubber components. Do not sweat or braze directly to the valve body. Do not apply excessive heat to the valve body when performing solder connections. Do not apply flux or acids directly to the valve, as damage to the seals, plastic components, and trim finish may result.

CAUTION: Inlet and outlet threaded joint connections should be made with plumber's Teflon tape or liquid sealant. DO NOT USE plumber'

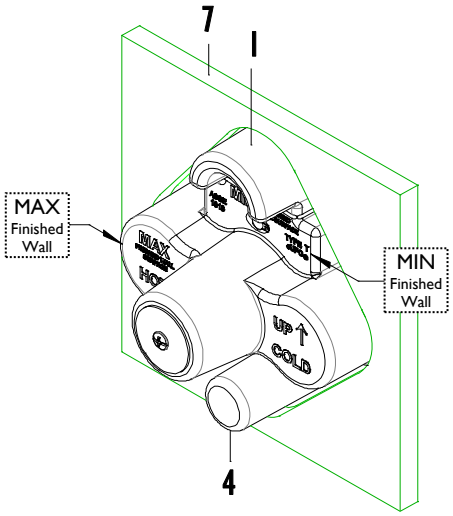
WARNING: Forcibly rotating thermostatic cartridge stem prior to installing handle trim, will damage cartridge and void warranty.

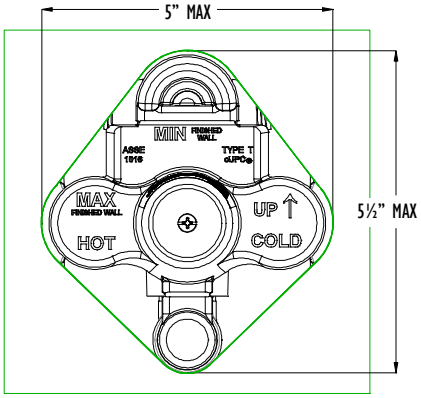




3 FINISHED WALL

- VALVE **(1)** shall be located in framed wall so that FINISHED WALL **(7)** falls within the MIN/MAX limits stated on MUDGUARD **(4)**
- The Maximum GAP **(8)** between FINISHED **(7)** and MUDGUARD **(4)** shall be no more than 1/16" to allow for proper trim coverage
- These finished wall requirements are necessary for proper fit of trim as described in TO-TH1L-XX, TO-THC1L-XX & TO-THF1L-XX ½ Thermostatic Trim with Dual Volume Control Installation Instructions



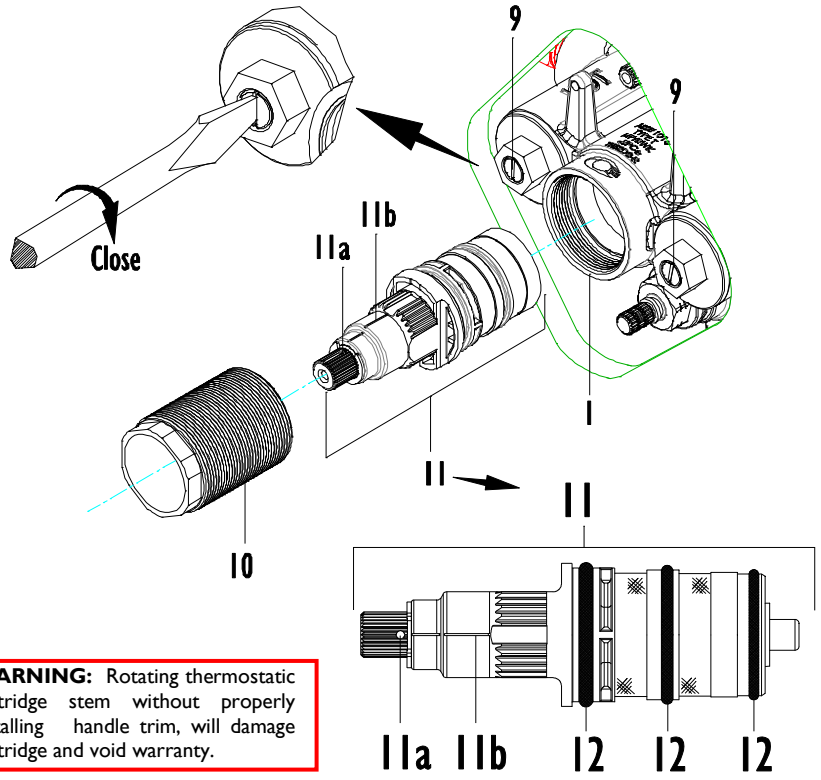


1/16" Gap between Mudguard & Finished Wall

4 MAINTENANCE

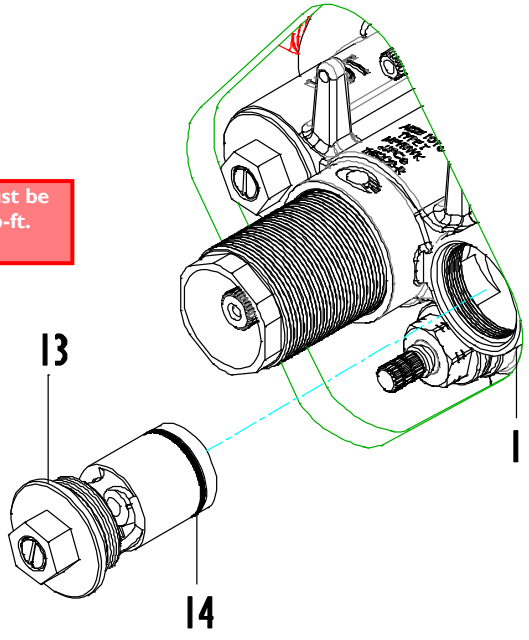
Thermostatic Cartridge Service

- Shut off water supply to thermostatic cartridge by turning hot & cold SERVICE STOP SCREW **(9)** clockwise (inward) until screw stops
- Remove CARTRIDGE NUT **(10)** from the BODY **(1)**
- Gently pull THERMOSTATIC CARTRIDGE **(11)** out of BODY **(1)** (rotating cartridge while pulling may assist in removal)
- Rinse cartridge screens under running water to remove any possible debris
- Prior to installing THERMOSTATIC CARTRIDGE **(11)** into BODY **(1)**, apply a thin film of non-petroleum based grease onto O-RING **(12)**
- Align THERMOSTATIC CARTRIDGE STEM **(11a)** indentation or ink line with THERMOSTATIC CARTRIDGE GROOVE **(11b)** and insert THERMOSTATIC CARTRIDGE **(11)** into BODY **(1)** with THERMOSTATIC CARTRIDGE GROOVE **(11b)** straight up at 12 o'clock position
- Re-tighten CARTRIDGE NUT **(10)** to factory torque setting of 10 ft.-lb. (13.6 Nm)
- Open water supply to thermostatic cartridge by turning hot & cold SERVICE STOP SCREW **(9)** counter-clockwise (outward) until screw stops



WARNING: Rotating thermostatic cartridge stem without properly installing handle trim, will damage cartridge and void warranty.

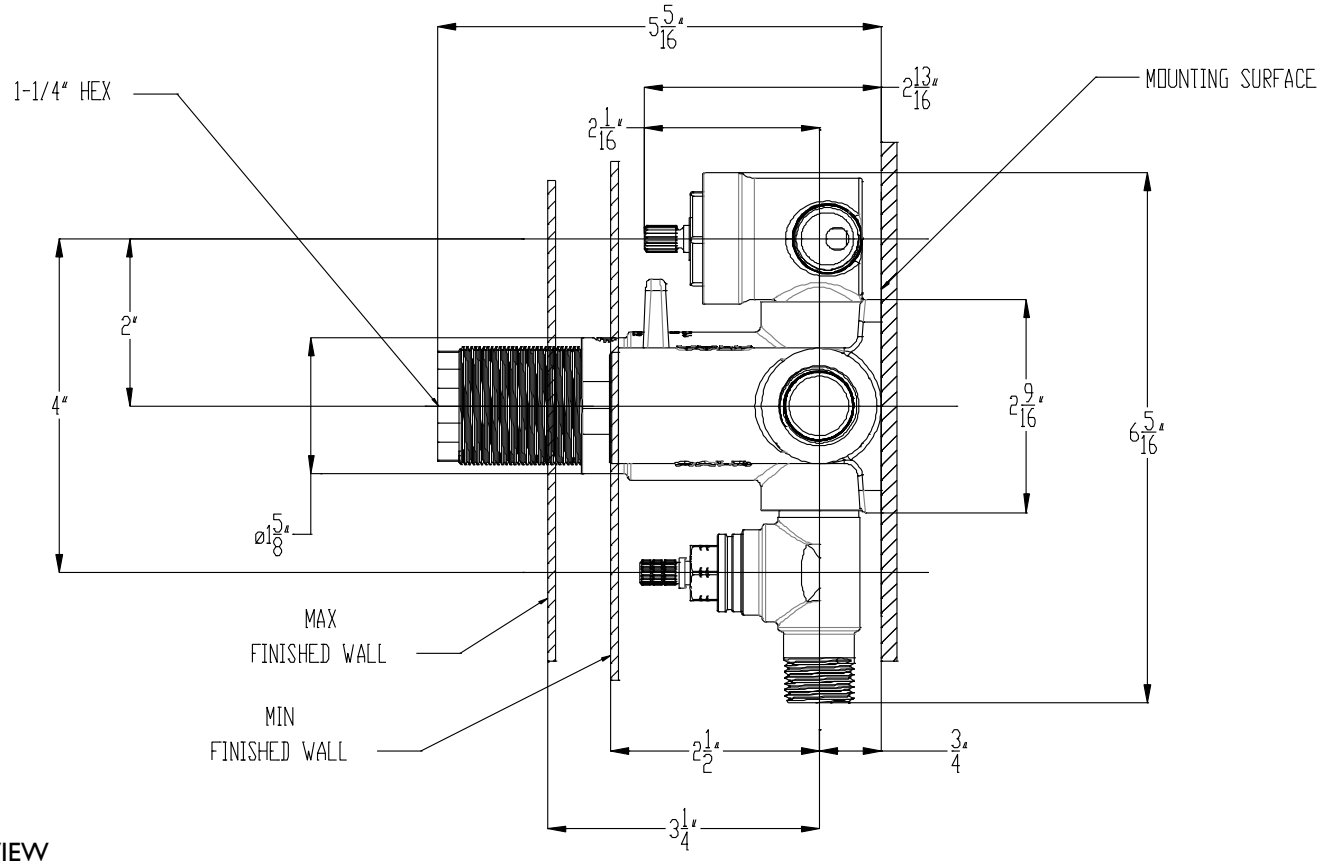
CARTRIDGE NUT must be re-tightened to 10. lb-ft. (13.6 Nm)



Check Valve Service

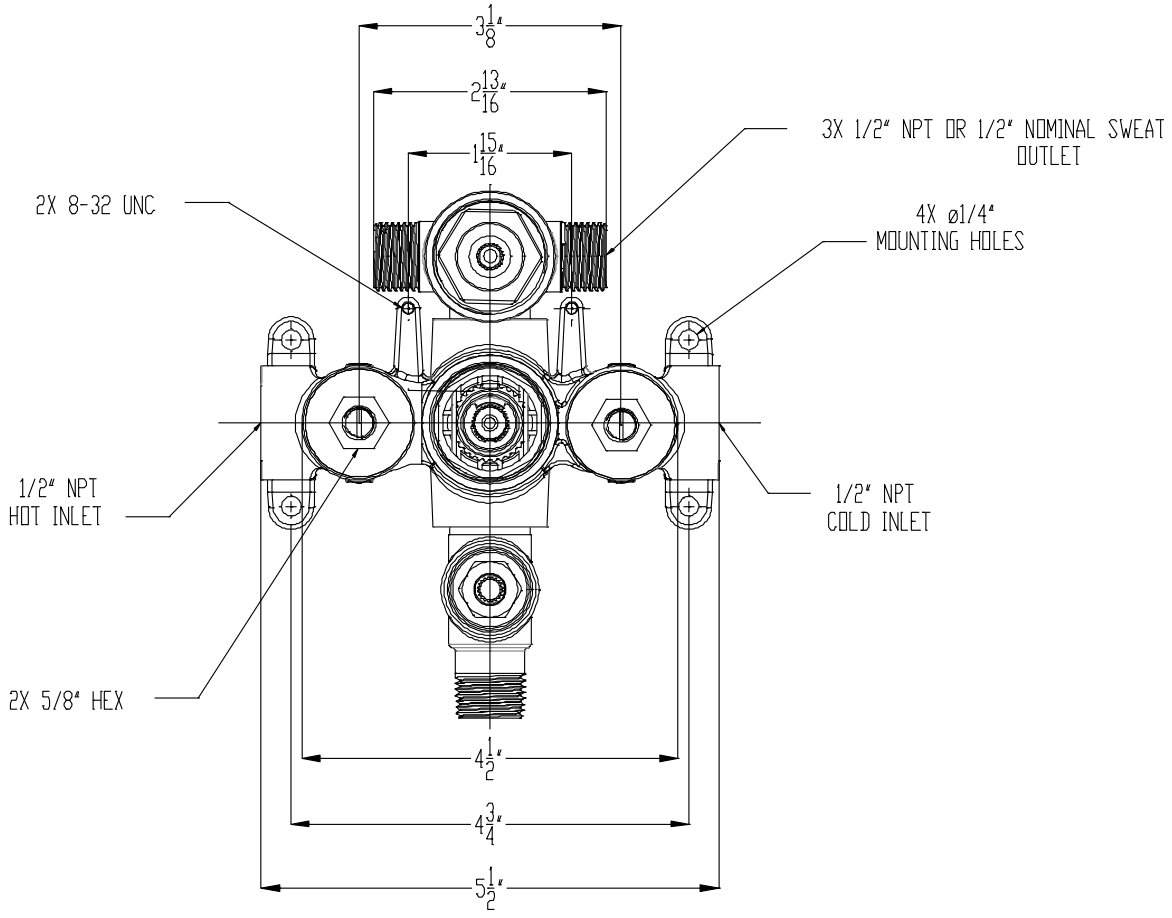
- Shut off water supply to valve inlets at main or valve upstream from BODY **(1)**
- Remove CHECK VALVE **(13)** from BODY **(1)**
- Rinse CHECK VALVE **(13)** under running water
- Prior to installing CHECK VALVE **(13)** into BODY **(1)**, apply a thin film of **non-petroleum** based grease onto O-RING **(14)**
- Tighten CHECK VALVE **(13)** to 10 ft-lbs

5 ROUGH-IN DIMENSIONS



SIDE VIEW

FRONT VIEW



ALL DIMENSIONS SHOWN TO NEAREST 1/16"