

RU101 SHOWN

GENERAL DESCRIPTION:

Valve body features cast DZR brass construction with a pre-installed flush plug. Features back-to-back capability. One-half inch inlets and outlets (choice of Universal, PEX Crimp, PEX Cold Expansion, CPVC or Stub-outs). Features flush plug with stainless steel retaining ring with flats. Available with screwdriver stops. Rough-in plaster guard designed as rough-in guide and for use as thin wall mounting support. For use with TU series trim kits with cartridges.

PRODUCT FEATURES:

Choice of Connections: Fast and easy installation without adaptors reducing leak points. Available connections include Universal (male thread/female sweat), PEX Crimp, PEX Cold expansion, CPVC, and Stub-outs.

Cast DZR Brass Valve Body: Durable. Ideal material for prolonged contact with water. Resists corrosion due to high chloride and pH levels in water

Flat Back: Allows valve to be mounted flush against cross brace for easy and solid installation.

Flush Plug: Allows valve body to be tested and flushed without the presence of the valve cartridge. Can be tested using Flush Plug with air (200 psi) or water (300 psi).

Stainless Steel Retaining Ring with Flats: Secures test cap/cartridge in place and eliminates need for screws. Flats make it simple to loosen ring for quick, easy insertion/removal of test cap/cartridge.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

Exclusive Plaster Guard: Plaster guard is designed to protect valve and act as a guide during installation. It can serve as mounting support for thin-wall installations.

Wide Rough-in Range: From 1-3/4" to 2-3/4" from finished wall to the back of the valve.

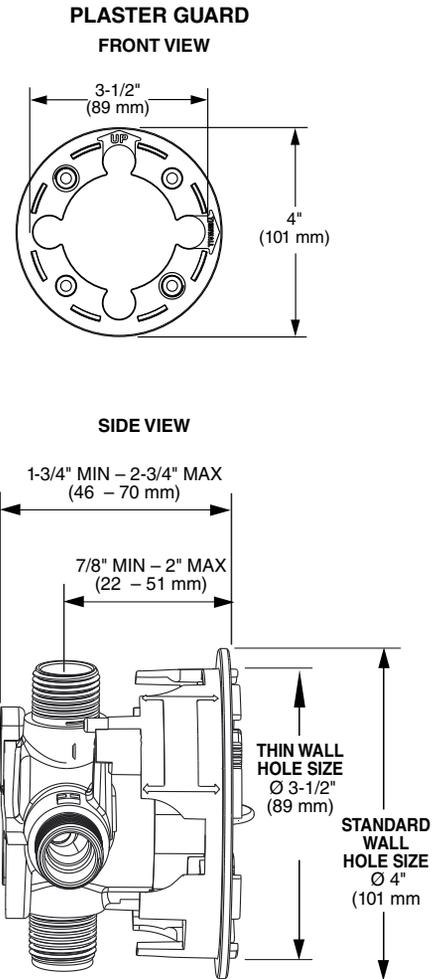
MODEL NUMBERS:

- ❑ **RU101 Flash Rough Valve Body with Flash Connections**
1/2" Universal inlets/outlets.
- ❑ **RU101SS Flash Rough Valve Body with Flash Connections with Screwdriver Stops**
1/2" Universal inlets/outlets.
- ❑ **RU102 Flash Rough Valve Body with Stub-Out Connections**
1/2" Stub-out inlets/outlets.
- ❑ **RU102SS Flash Rough Valve Body with Stub-Out Connections with Screwdriver Stops**
1/2" Stub-out inlets/outlets.
- ❑ **RU107 Flash Rough Valve Body with PEX Crimp Connections**
1/2" PEX Crimp inlets (ASTM F1807) / Universal outlets.
- ❑ **RU107SS Flash Rough Valve Body with PEX Crimp Connections with Screwdriver Stops**
1/2" PEX Crimp inlets (ASTM F1807) / Universal outlets.
- ❑ **RU107E Flash Rough Valve Body with PEX Crimp Elbow Connections**
1/2" PEX Crimp Elbow inlets (ASTM F1807) / Universal outlets.
- ❑ **RU107ESS Flash Rough Valve Body with PEX Crimp Elbow Connections with Screwdriver Stops**
1/2" PEX Crimp Elbow inlets (ASTM F1807) / Universal outlets.
- ❑ **RU108 Flash Rough Valve Body with PEX Cold Expansion Connections**
1/2" PEX Cold Expansion inlets (ASTM F1960) / Universal outlets.
- ❑ **RU108SS Flash Rough Valve Body with PEX Cold Expansion Connections with Screwdriver Stops**
1/2" PEX Cold Expansion inlets (ASTM F1960) / Universal outlets.
- ❑ **RU108E Flash Rough Valve Body with PEX Cold Expansion Elbow Connections**
1/2" PEX Cold Expansion Elbow inlets (ASTM F1960) / Universal outlets.
- ❑ **RU108ESS Flash Rough Valve Body with PEX Cold Expansion Elbow Connections with Screwdriver Stops**
1/2" PEX Cold Expansion Elbow inlets (ASTM F1960) / Universal outlets.
- ❑ **RU109 Flash Rough Valve Body with CPVC Connections**
1/2" CPVC inlets / Universal outlets.
- ❑ **RU109SS Flash Rough Valve Body with CPVC Connections with Screwdriver Stops**
1/2" CPVC inlets / Universal outlets.

SUGGESTED SPECIFICATION

Rough Valve Body shall feature a cast DZR brass body. Shall feature back-to-back capability. Valve Body shall feature flush plug to flush and test the lines. Shall feature stainless steel retaining ring with flats. Rough Valve Body shall be: Rough Valve Body - American Standard Model # RU10____.

| UNIVERSAL | |
|--|--|
| <p>RU101</p> <p>INLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> | <p>RU101SS</p> <p>INLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> |
| STUB-OUT FOR PRESS-CONNECT FITTINGS | |
| <p>RU102</p> <p>INLETS ½" STUB OUT</p> <p>OUTLETS ½" STUB OUT</p> | <p>RU102SS</p> <p>INLETS ½" STUB OUT</p> <p>OUTLETS ½" STUB OUT</p> |
| PEX-CRIMP | |
| <p>RU107</p> <p>INLETS ½" PEX (ASTM F1807-2)</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> | <p>RU107SS</p> <p>INLETS SWEAT or ½" PEX (ASTM F1807-2)</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> |
| <p>RU107E</p> <p>INLETS ½" PEX (ASTM F1960)</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> <p><i>Valve can be rotated 180° for ceiling mount supply lines</i></p> | <p>RU107ESS</p> <p>INLETS ½" PEX (ASTM F1960)</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> <p><i>Valve can be rotated 180° for ceiling mount supply lines</i></p> |
| PEX-COLD EXPANSION | |
| <p>RU108</p> <p>INLETS ½" PEX (ASTM F1960)</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> | <p>RU108SS</p> <p>INLETS ½" PEX (ASTM F1960)</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> |
| <p>RU108E</p> <p>INLETS ½" PEX (ASTM F1960)</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> <p><i>Valve can be rotated 180° for ceiling mount supply lines</i></p> | <p>RU108ESS</p> <p>INLETS ½" PEX (ASTM F1960)</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> <p><i>Valve can be rotated 180° for ceiling mount supply lines</i></p> |
| CPVC | |
| <p>RU109</p> <p>INLETS ½" NOM CPVC</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> | <p>RU109SS</p> <p>INLETS ½" NOM CPVC</p> <p>OUTLETS ½" NOM. COPPER SWEAT or ½" MALE NPT</p> |



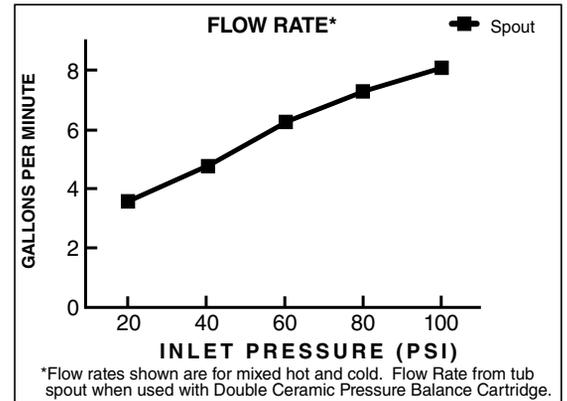
NOTE: TO AVOID SHOWER RISE OR OTHER RELATED ISSUES, DO NOT USE PEX CONNECTIONS ON ANY OF THE OUTLETS.

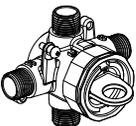
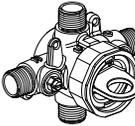
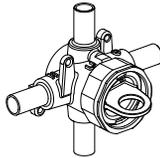
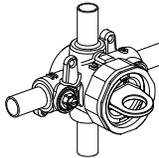
CODES AND STANDARDS

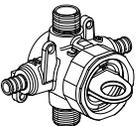
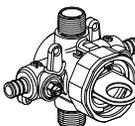
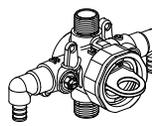
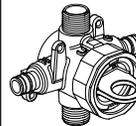
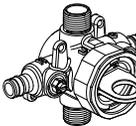
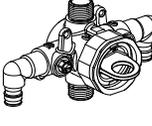
These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

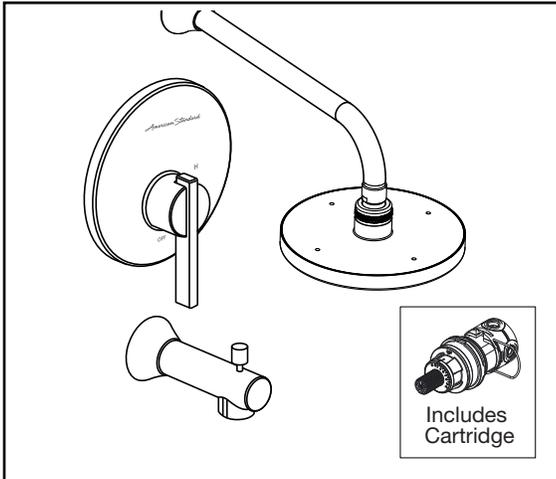


| UNIVERSAL | | STUB-OUT FOR PRESS-CONNECT FITTINGS | | CPVC | |
|---|---|---|---|---|--|
| RU101 | RU101SS | RU102 | RU102SS | RU109 | RU109SS |
|  |  |  |  |  |  |
| 1/2" Universal Inlets/ Outlets | 1/2" Universal Inlets/ Outlets | 1/2" Stub-Out Inlets/ Outlets | 1/2" Stub-Out Inlets/ Outlets | 1/2" CPVC Inlets/ Universal Outlets | 1/2" CPVC Inlets/ Universal Outlets |
| | Screwdriver Stops | | Screwdriver Stops | | Screwdriver Stops |

| PEX - CRIMP (ASTM F1807) | | | | PEX - COLD EXPANSION (ASTM 1960) | | | |
|---|---|---|---|---|--|---|---|
| RU107 | RU107SS | RU107E | RU107ESS | RU108 | RU108SS | RU108E | RU108ESS |
|  |  |  |  |  |  |  |  |
| 1/2" PEX Crimp Inlets/ Flash Outlets | 1/2" PEX Crimp Inlets/ Universal Outlets | 1/2" PEX Crimp Elbow Inlets/ Universal Outlets | 1/2" PEX Crimp Elbow Inlets/ Universal Outlets | 1/2" PEX Cold Expansion Inlets/ Universal Outlets | 1/2" PEX Cold Expansion Inlets/ Universal Outlets | 1/2" PEX Cold Expansion Elbow Inlets/ Universal Outlets | 1/2" PEX Cold Expansion Elbow Inlets/ Universal Outlets |
| | Screwdriver Stops | | Screwdriver Stops | | Screwdriver Stops | | Screwdriver Stops |

*Universal = Male IPS Thread/Female Sweat

| OPTIONAL ACCESSORIES | |
|----------------------|-------------------|
| M970649-YYY0A | Deep Rough-in Kit |



TU430502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 6-3/4" metal rain showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone

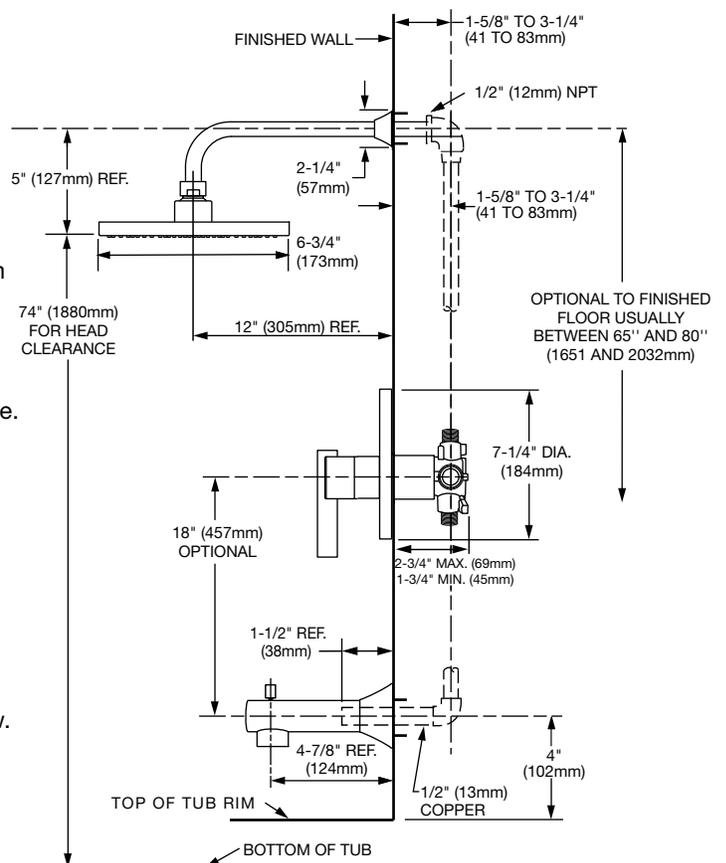
Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

MODEL NUMBER:

TRIM KITS:

- ❑ **TU430502 Berwick Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- ❑ **TU430501 Berwick Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- ❑ **TU430500 Berwick VALVE ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



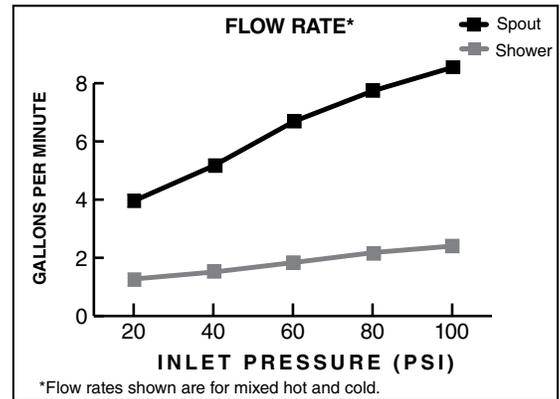
SUGGESTED SPECIFICATION

Bath/shower fitting shall feature metal rain showerhead with Max. 2.5gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU43050_ and Flash Valve Body Model # RU10_.

CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16
ASME A112.18.1 / CSA B125.1
Rated to meet ASSE 1016 @ 1.3gpm

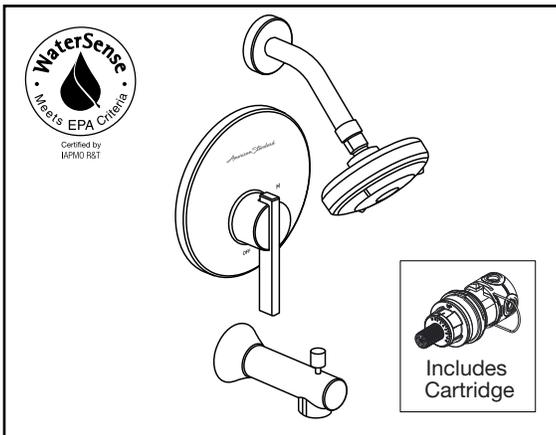


| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU430502 | Bath/Shower Trim Kit. Metal lever handle. Metal rain showerhead. Includes cartridge. LESS valve body. | | | |
| TU430501 | Shower Only Trim Kit. Metal lever handle. Metal rain showerhead. Includes cartridge. LESS valve body. | ADA | | |
| TU430500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |



TU430508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 4-3/4" Water-saving 3-function showerhead with a maximum 1.75 gpm/6.6 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge:

Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

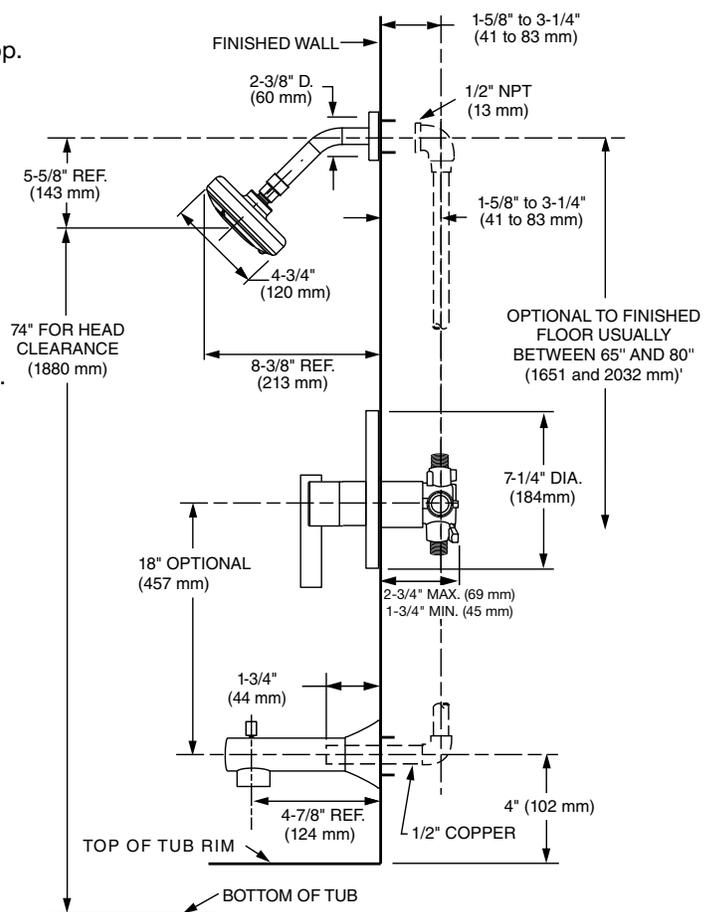
Water Saving: Saves 30% water usage.

MODEL NUMBER:

TRIM KITS:

- TU430508 Berwick Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU430507 Berwick Showr ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving 3-function showerhead with Max. 1.75 gpm/6.6 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU43050_ and Flash Valve Body Model # RU10_.



Berwick®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

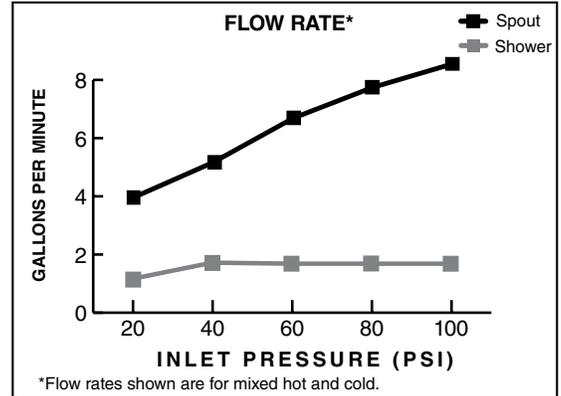
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU430508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |
| TU430507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |

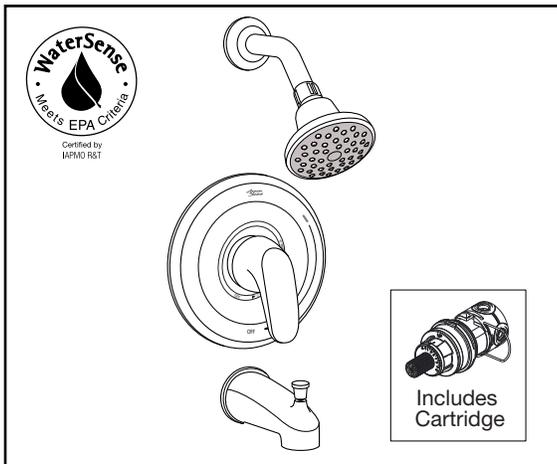
* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

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TU075508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features water-saving showerhead with a maximum 1.75 gpm/6.6 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever with RED/BLUE indicator ring.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

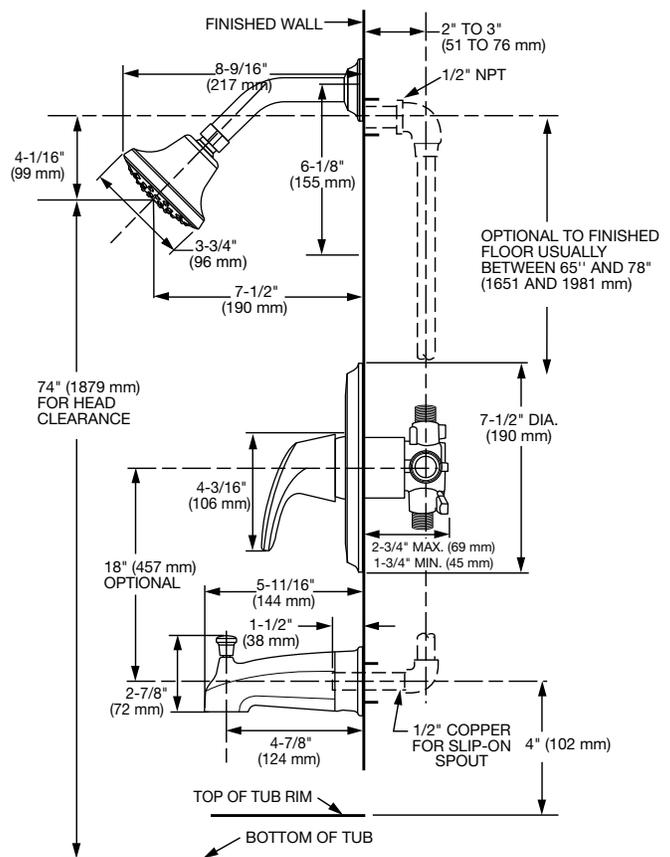
Water Saving: Saves 30% water usage.

MODEL NUMBER:

TRIM KITS:

- TU075508 Colony Pro Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU075507 Colony Pro Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU075500 Colony Pro Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- TU075508XH Colony Pro Bath/Shower Trim Kit with Pressure Balance Cartridge**
LESS showerhead. Lever handle. LESS valve body.
- TU075507XH Colony Pro Shower ONLY Trim Kit with Pressure Balance Cartridge**
LESS showerhead. Lever handle. LESS valve body.

For use with Flash[™] Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving showerhead with Max. 1.75 gpm/6.6 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU07550_... and Flash Valve Body Model # RU10_...



Colony® Pro

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

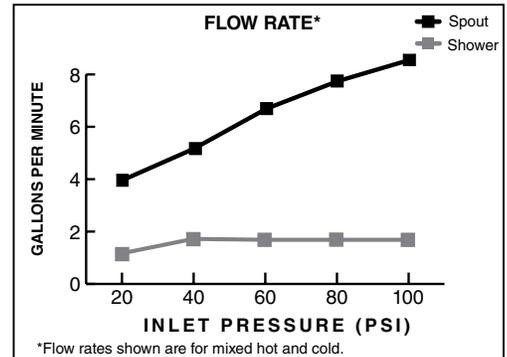
CODES AND STANDARDS

These Products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|----------------|---|-----------------|---------------|--------------------|
| | | | Polished Chrome | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 278 | 295 |
| | TU075508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |
| | TU075507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |
| | TU075500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | | | |
| | TU075508XH | Bath/Shower Trim Kit. Metal lever handle. LESS showerhead. Includes cartridge. LESS valve body. | | | N/A |
| | TU075507XH | Shower Only Trim Kit. Metal lever handle. LESS showerhead. Includes cartridge. LESS valve body. | | | N/A |

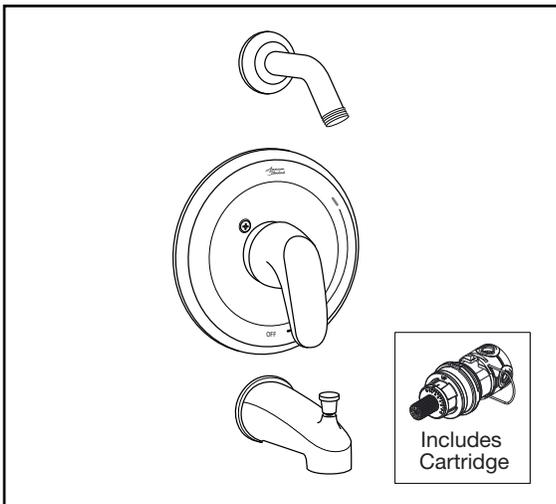
* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU075508XH Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features metal slip-on diverter spout. Wall valve trim with metal lever with RED/BLUE indicator ring.

PRODUCT FEATURES

One-piece cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone

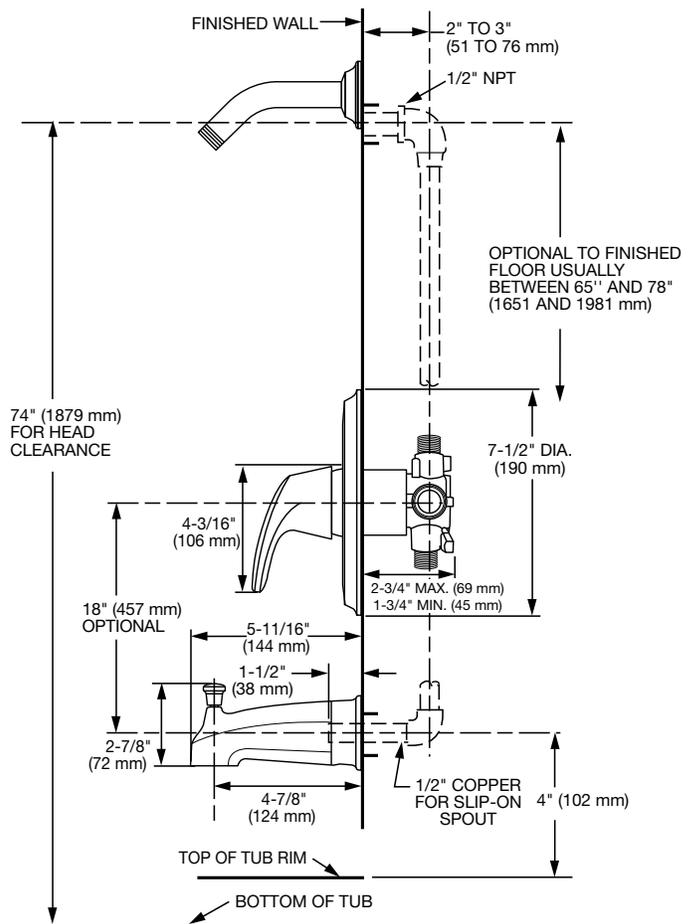
Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

MODEL NUMBER:

TRIM KITS:

- ❑ TU075508XH Colony Pro Bath/Shower Trim Kit with Pressure Balance Cartridge
LESS showerhead. Lever handle. LESS valve body.
- ❑ TU075507XH Colony Pro Shower ONLY Trim Kit with Pressure Balance Cartridge
LESS showerhead. Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU07550_XH.____ and Flash Valve Body Model # RU10____.



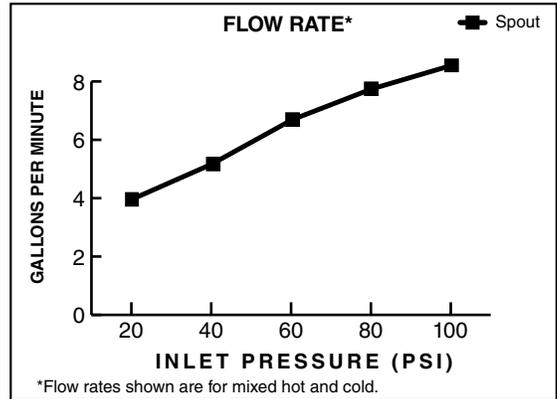
Colony® Pro

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

CODES AND STANDARDS

These Products meet or exceed the following codes and standards:

- ASSE 1016**
- ASME A112.18.1**
- CSA B125.1**
- ANSI A117.1**



| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|---|-------------|-----------------|--------------------|---------------|
| | | | Polished Chrome | PVD Brushed Nickel | Legacy Bronze |
| | | | 002 | 295 | 278 |
| TU075508XH | Bath/Shower Trim Kit. Metal lever handle. LESS showerhead. Includes cartridge. LESS valve body. | | | | |
| TU075507XH | Shower Only Trim Kit. Metal lever handle. LESS showerhead. Includes cartridge. LESS valve body. | | | | |

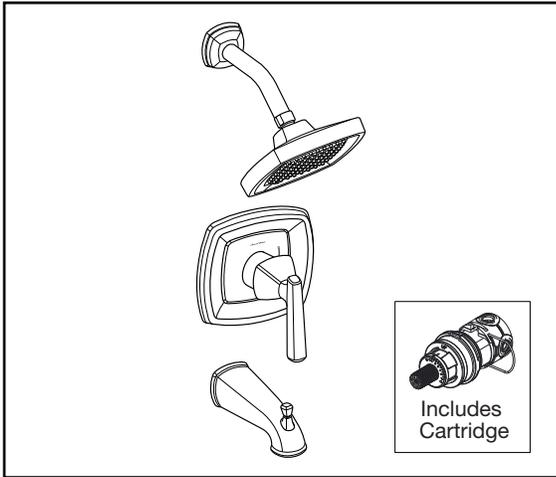
* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU018502 Bath/Shower Trim Shown

MODEL NUMBER:

TRIM KITS:

- ❑ **TU018502 Edgemere Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- ❑ **TU018501 Edgemere Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- ❑ **TU018500 Edgemere Valve ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 5-3/4" showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

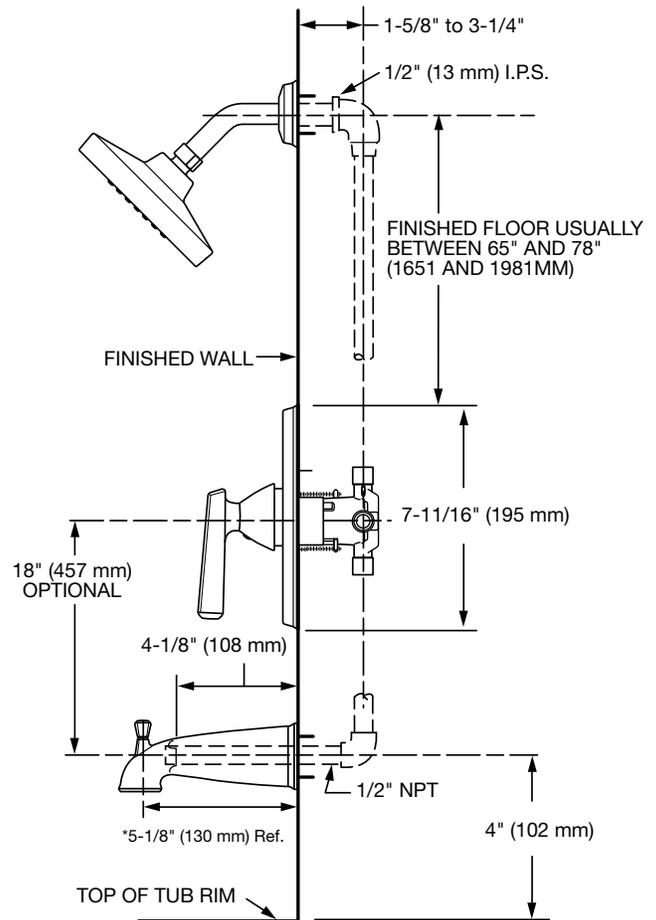
Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature showerhead with Max. 2.5gpm/9.5L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU01850_ and Flash Valve Body Model # RU10_.

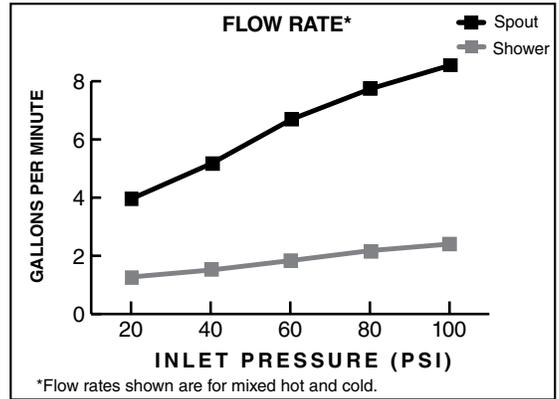
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm

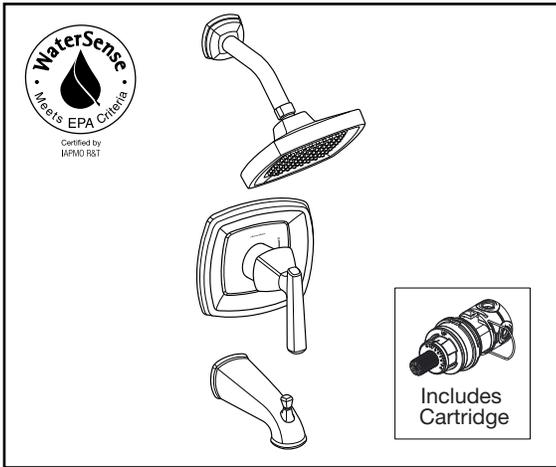


| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|--|-------------|-----------------|---------------|--------------------|
| | | | Polished Chrome | Legecy Bronze | PVD Brushed Nickel |
| | | | 002 | 278 | 295 |
| TU018502 | Bath/Shower Trim Kit. Metal lever handle. Showerhead. Includes cartridge. LESS valve body. | | | | |
| TU018501 | Shower Only Trim Kit. Metal lever handle. Showerhead. Includes cartridge. LESS valve body. | ADA | | | |
| TU018500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |



TU018508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 5-3/4" water-saving showerhead with a maximum 1.8 gpm/6.8 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

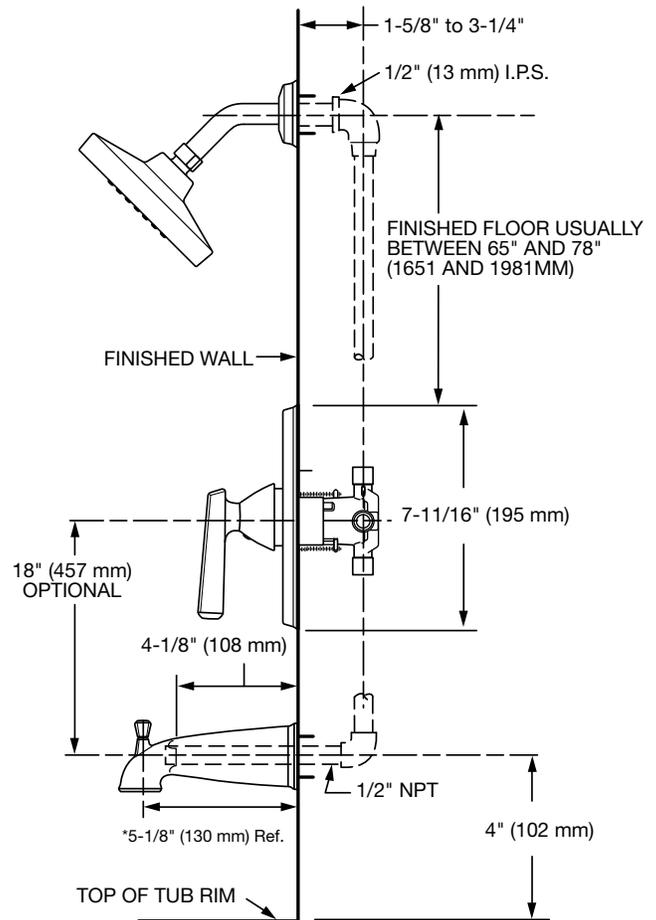
Water Saving: Saves 28% water usage.

MODEL NUMBER:

TRIM KITS:

- TU018508 Edgemere Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU018507 Edgemere Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving showerhead with Max. 1.8 gpm/6.8 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU01850_ and Flash Valve Body Model # RU10_.



Edgemere®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

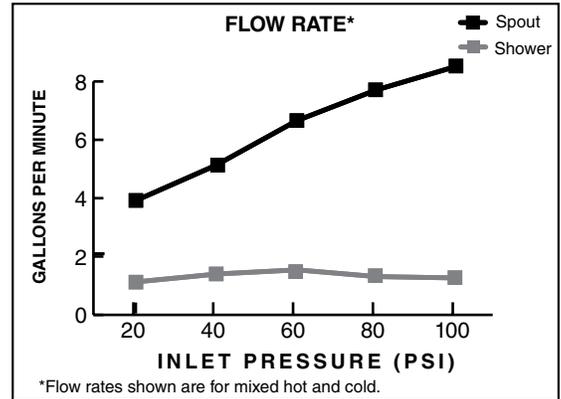
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|---|-------------|-----------------|---------------|--------------------|
| | | | Polished Chrome | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 278 | 295 |
| TU018508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | | |
| TU018507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

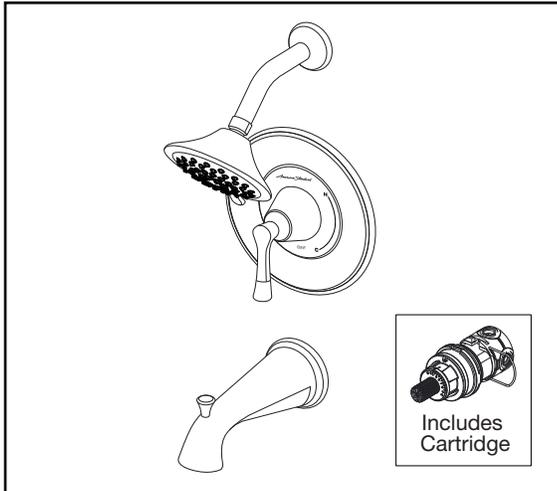
| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge



TU722502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 5" 3-function showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone

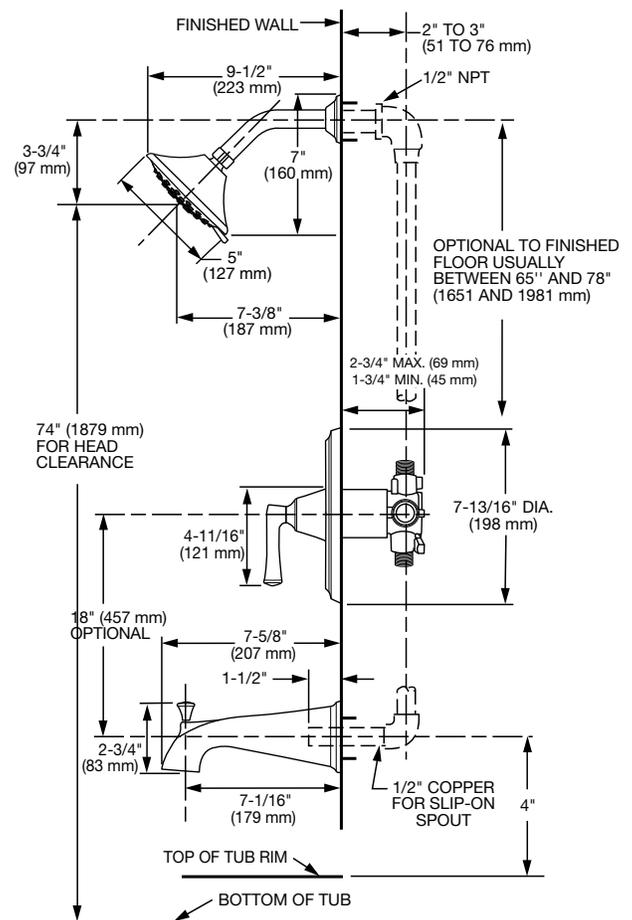
Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

MODEL NUMBER:

TRIM KITS:

- ❑ TU722502 Estate Bath/Shower Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU722501 Estate Shower ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU722500 Estate Valve ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature 3-function showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU72250_ and Flash Valve Body Model # RU10_.

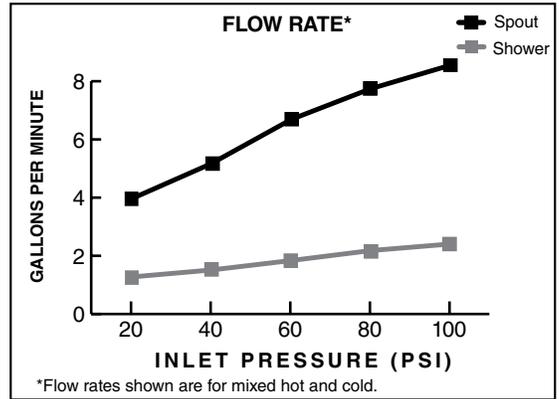
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | | | |
|-------------|---|-------------|-----------------|---------------------|---------------|--------------------|
| | | | Polished Chrome | PVD Polished Nickel | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 013 | 278 | 295 |
| TU722502 | Bath/Shower Trim Kit. Metal lever handle. 3-Function showerhead. Includes cartridge. LESS valve body. | | | | | |
| TU722501 | Shower Only Trim Kit. Metal lever handle. 3-Function showerhead. Includes cartridge. LESS valve body. | ADA | | | | |
| TU722500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |



Estate®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

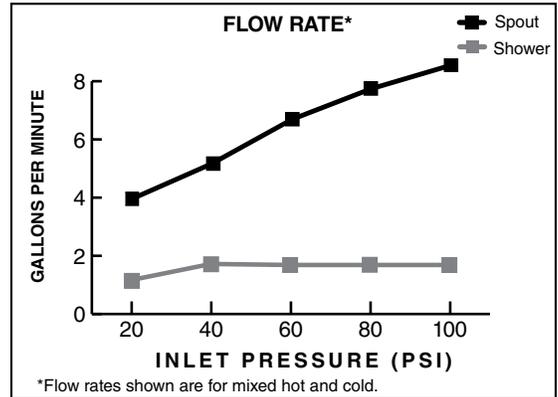
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU722508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |
| TU722507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |

* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

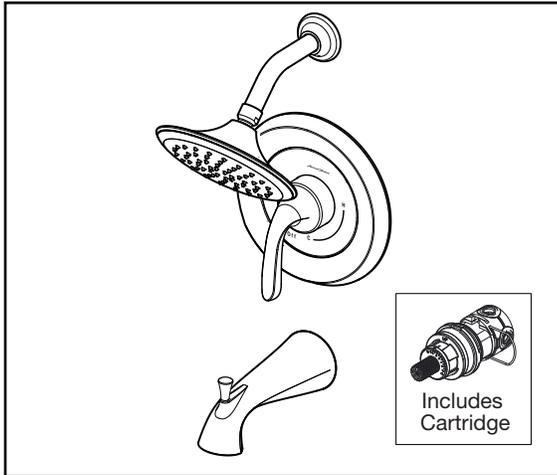
| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge



TU186502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 7" showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone

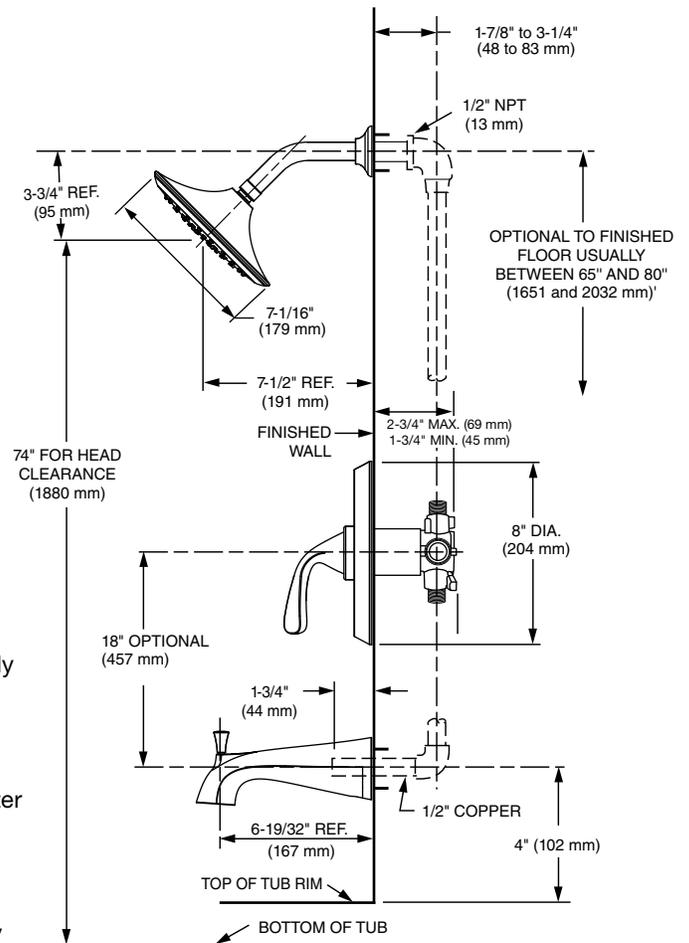
Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

MODEL NUMBER:

TRIM KITS:

- ❑ TU186502 Fluent Bath/Shower Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU186501 Fluent Shower ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU186500 Fluent Valve ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU186501XH Fluent Shower ONLY Trim Kit with Pressure Balance Cartridge
LESS Showerhead. Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU18650_ and Flash Valve Body Model # RU10_.

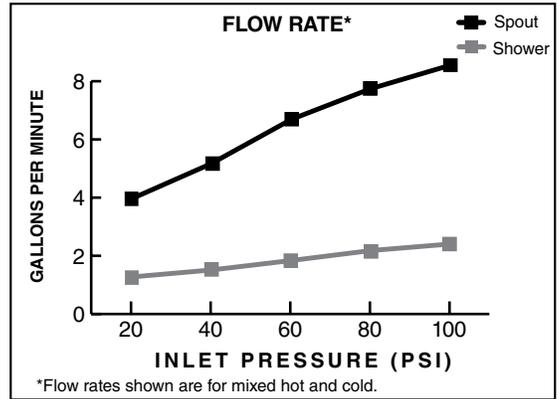
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm

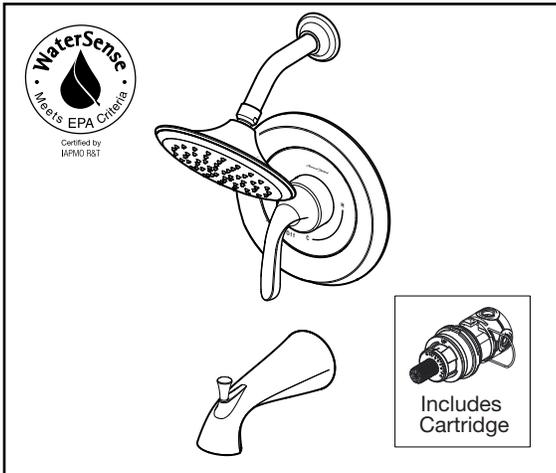


| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|----------------|--|-----------------|---------------|--------------------|
| | | | Polished Chrome | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 278 | 295 |
| | TU186502 | Bath/Shower Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | | | |
| | TU186501 | Shower Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | |
| | TU186500 | Valve Only Trim Kit. Metal lever handle. LESS valve body. | ADA | | |
| | TU18650XH | Shower Only Trim Kit. Metal lever handle. Includes cartridge. LESS Showerhead. | ADA | / | / |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |



TU186508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 7" water-saving showerhead with a maximum 1.8 gpm/6.8 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

Water Saving: Saves 28% water usage.

MODEL NUMBER:

TRIM KITS:

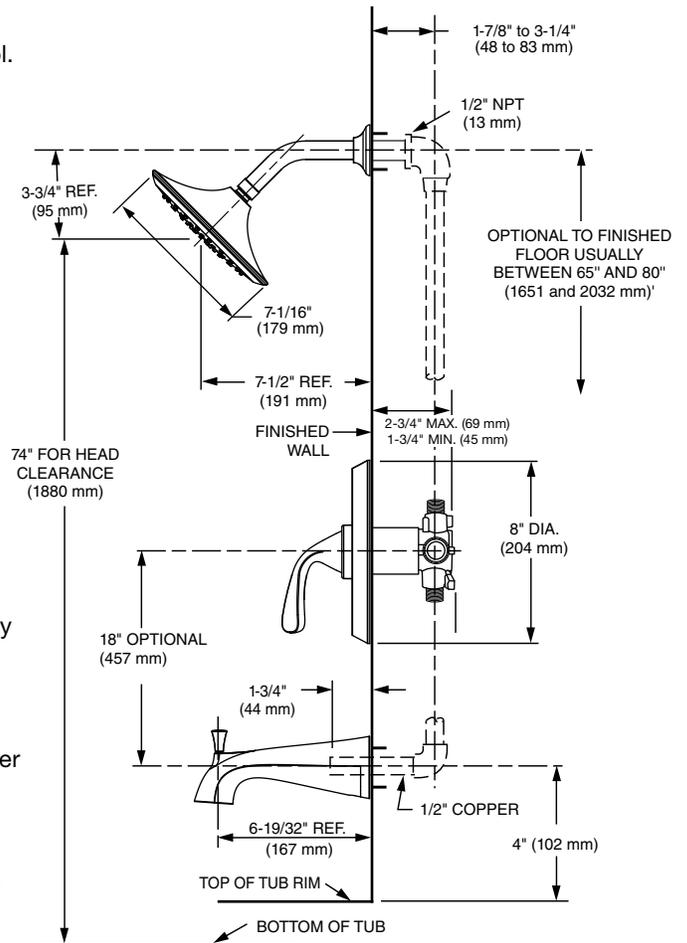
- TU186508 Fluent Bath/Shower Trim Kit with Pressure Balance Cartridge**

Lever handle. Water-saving showerhead. LESS valve body.

- TU186507 Fluent Shower ONLY Trim Kit with Pressure Balance Cartridge**

Lever handle. Water-saving showerhead. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving showerhead with Max. 1.8 gpm/6.8 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU18650_ and Flash Valve Body Model # RU10_.



Fluent®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

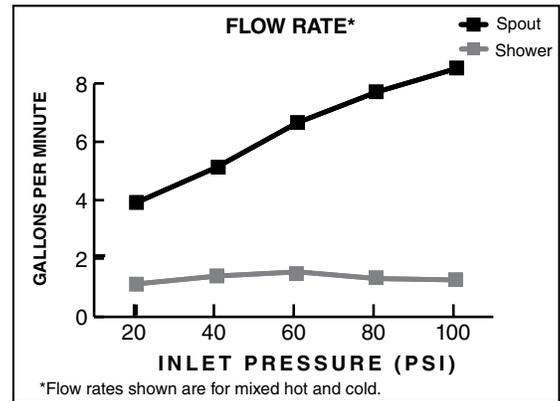
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|---|-------------|-----------------|---------------|--------------------|
| | | | Polished Chrome | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 278 | 295 |
| TU186508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | N/A | | |
| TU186507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | N/A | | |

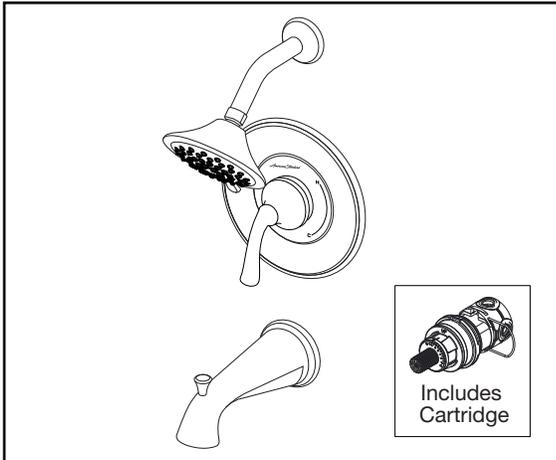
* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU106502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 5" 3-function showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone

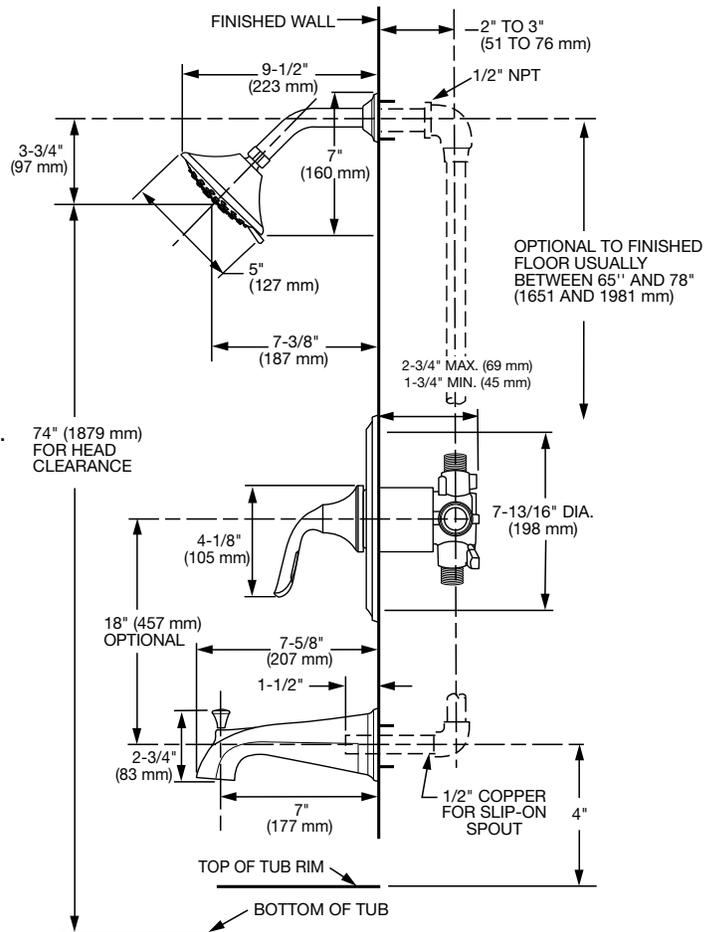
Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

MODEL NUMBER:

TRIM KITS:

- ❑ TU106502 Patience Bath/Shower Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU106501 Patience Shower ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU106500 Patience Valve ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature 3-function showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU10650_ and Flash Valve Body Model # RU10_.



Patience®

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

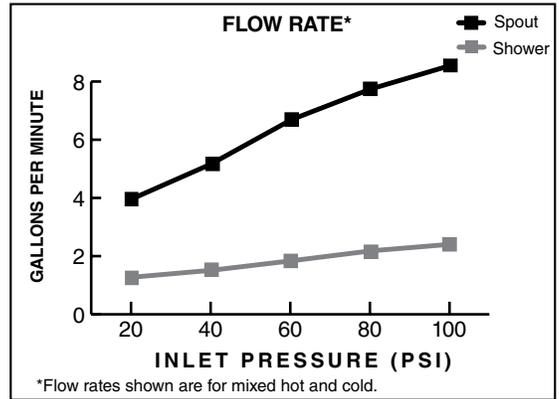
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | | | |
|-------------|---|-------------|-----------------|-----------------|---------------|--------------------|
| | | | Polished Chrome | Polished Nickel | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 013 | 278 | 295 |
| TU106502 | Bath/Shower Trim Kit. Metal lever handle. 3-Function showerhead. Includes cartridge. LESS valve body. | | | | | |
| TU106501 | Shower Only Trim Kit. Metal lever handle. 3-Function showerhead. Includes cartridge. LESS valve body. | ADA | | | | |
| TU106500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | | | |

* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



Patience®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

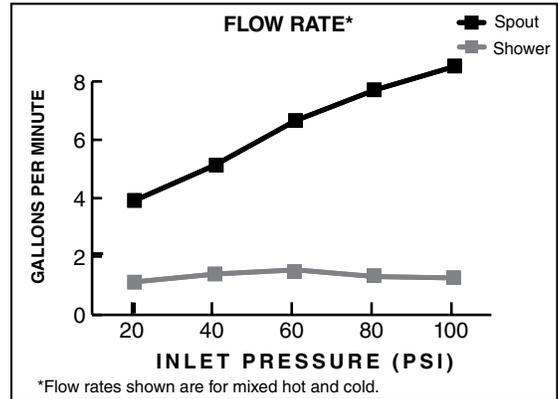
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | | | |
|-------------|---|-------------|-----------------|-----------------|---------------|--------------------|
| | | | Polished Chrome | Polished Nickel | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 013 | 278 | 295 |
| TU106508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | | | |
| TU106507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | ADA | | | | |

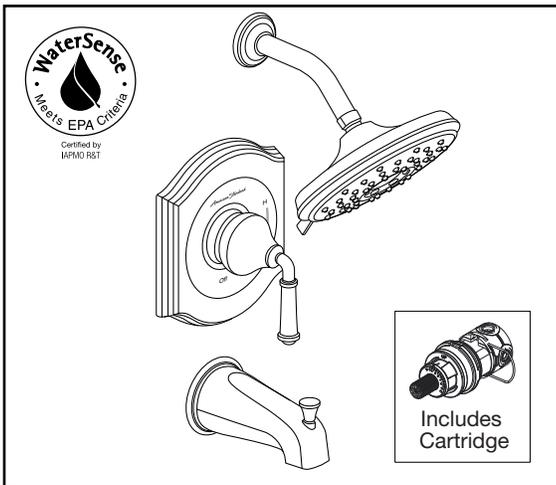
*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU415502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 7-1/4" water-saving 3-function showerhead with a maximum 1.8 gpm/6.8 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-piece cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: 150° turn radius offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

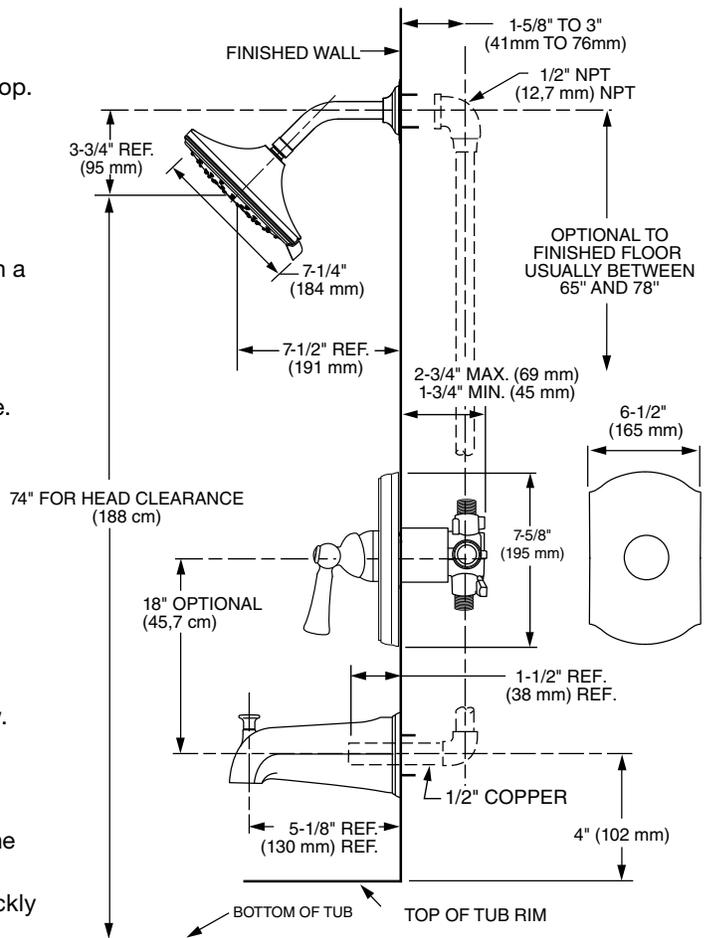
Water Saving: Saves 28% water usage.

MODEL NUMBER:

TRIM KITS:

- TU415502 Portsmouth Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU415501 Portsmouth Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU410500 Portsmouth Valve ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving 3-function showerhead with Max. 1.8 gpm/6.8 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU41550_... and Flash Valve Body Model # RU10_...



Portsmouth®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

CODES AND STANDARDS

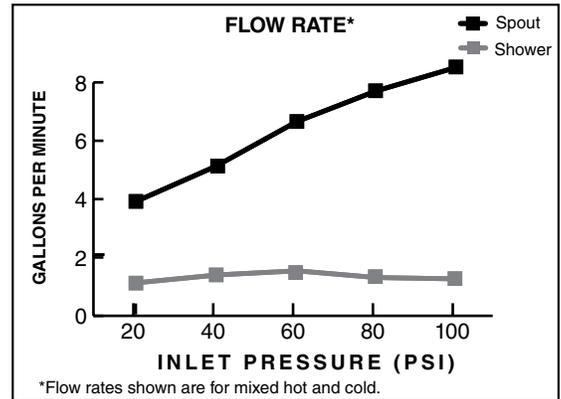
These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 /

CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU415502 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |
| TU415501 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | ADA | | |
| TU415500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | |

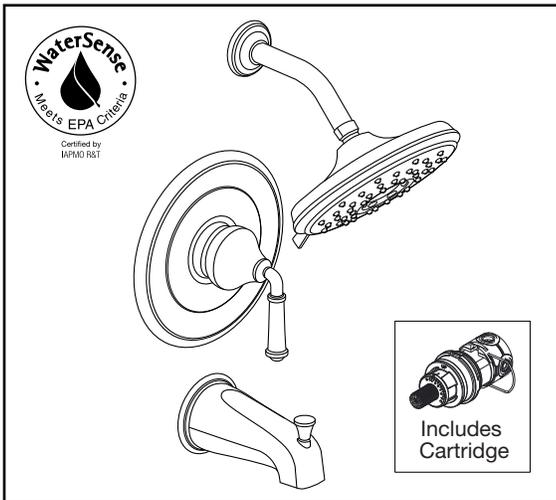
* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU420502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 7-1/4" water-saving 3-function showerhead with a maximum 1.8 gpm/6.8 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

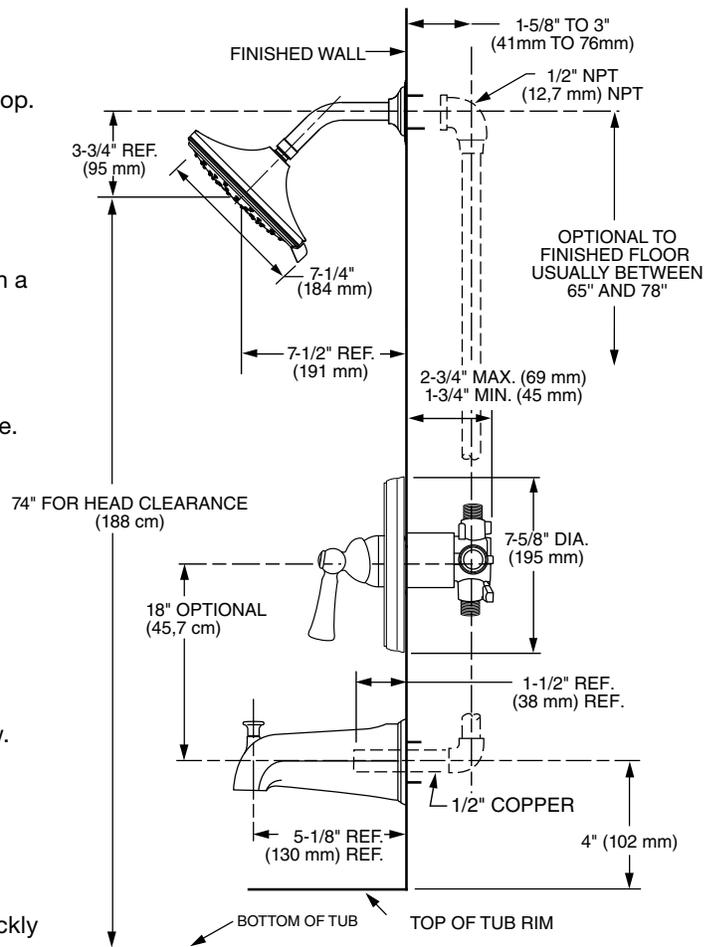
Water Saving: Saves 28% water usage.

MODEL NUMBER:

TRIM KITS:

- TU420502 Portsmouth Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- TU420501 Portsmouth Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- TU420500 Portsmouth Valve ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving 3-function showerhead with Max. 1.8 gpm/6.8 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU42050_ and Flash Valve Body Model # RU10_.



Portsmouth®

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

CODES AND STANDARDS

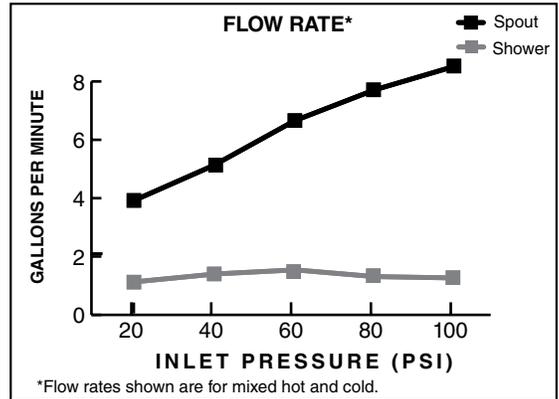
These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 /

CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU420502 | Bath/Shower Trim Kit. Metal lever handle. Metal rain showerhead. Includes cartridge. LESS valve body. | | | |
| TU420501 | Shower Only Trim Kit. Metal lever handle. Metal rain showerhead. Includes cartridge. LESS valve body. | ADA | | |
| TU440500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | |

* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

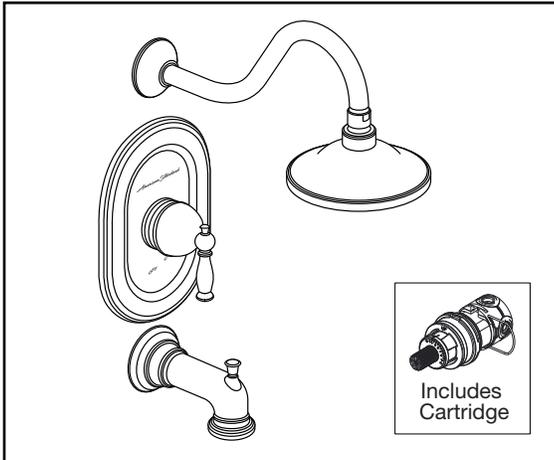
| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge



TU440502 Bath/Shower Trim Shown

MODEL NUMBER:

TRIM KITS:

- ❑ TU440502 Quentin Bath/Shower Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU440501 Quentin Shower ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU440500 Quentin Valve ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 6" metal rain showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

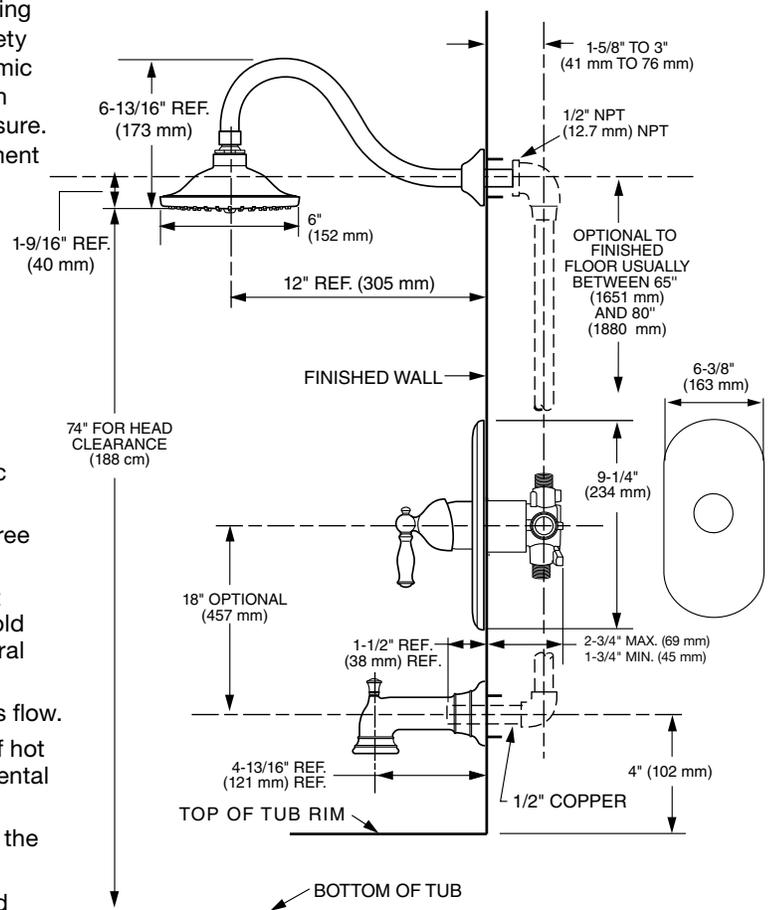
Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature metal rain showerhead with Max. 2.5gpm/9.5L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU44050_ and Flash Valve Body Model # RU10_.

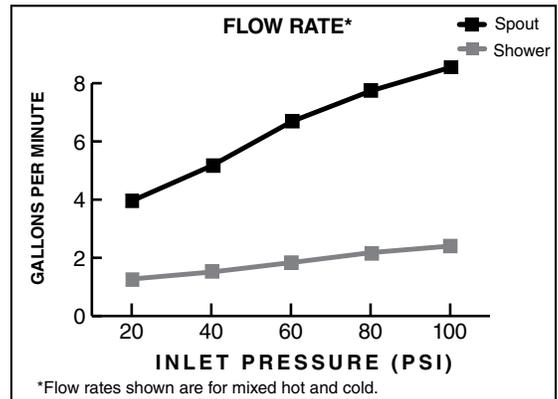
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm

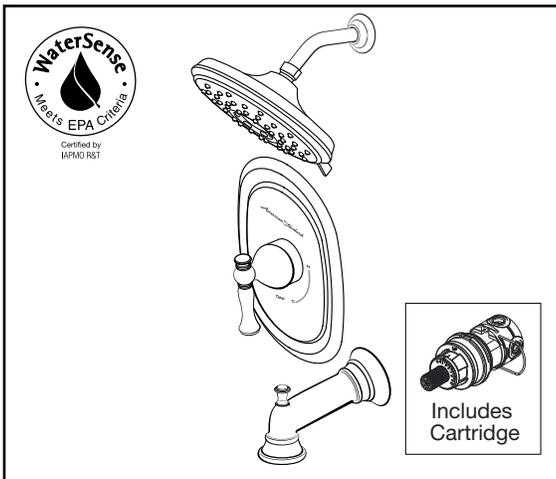


| TRIM KITS* | Product Number | Description | Finish Options | |
|------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU440502 | Bath/Shower Trim Kit. Metal lever handle. Metal rain showerhead. Includes cartridge. LESS valve body. | | | |
| TU440501 | Shower Only Trim Kit. Metal lever handle. Metal rain showerhead. Includes cartridge. LESS valve body. | ADA | | |
| TU440500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |



TU440508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 7-1/4" water-saving 3-function showerhead with a maximum 1.8 gpm/6.8 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

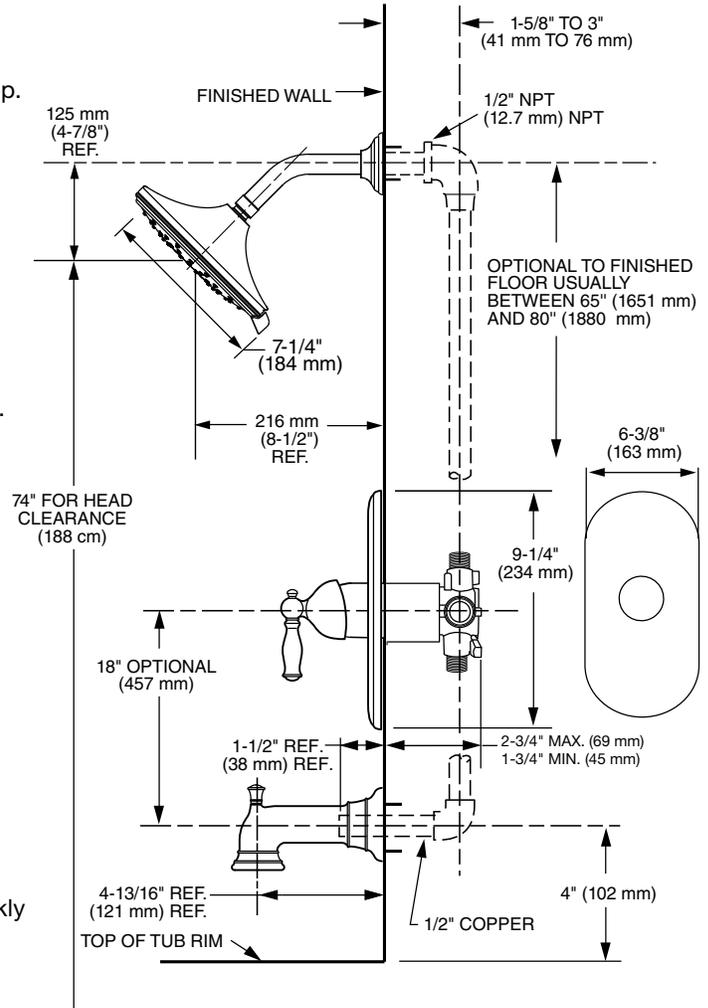
Water Saving: Saves 28% water usage.

MODEL NUMBER:

TRIM KITS:

- TU440508 Quentin Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU440507 Quentin Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving 3-function showerhead with Max. 1.8 gpm/6.8 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU44050_ and Flash Valve Body Model # RU10_.



Quentin®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

CODES AND STANDARDS

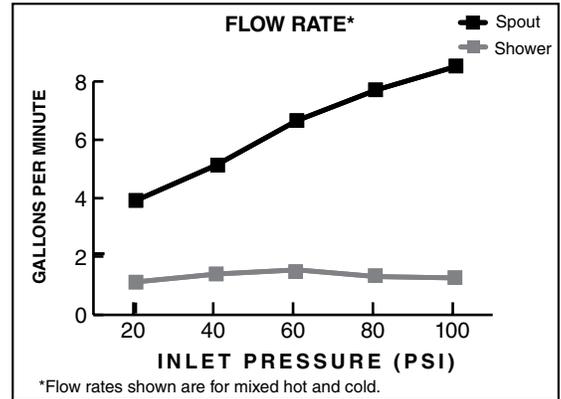
These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 /

CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU440508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |
| TU440507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | ADA | | |

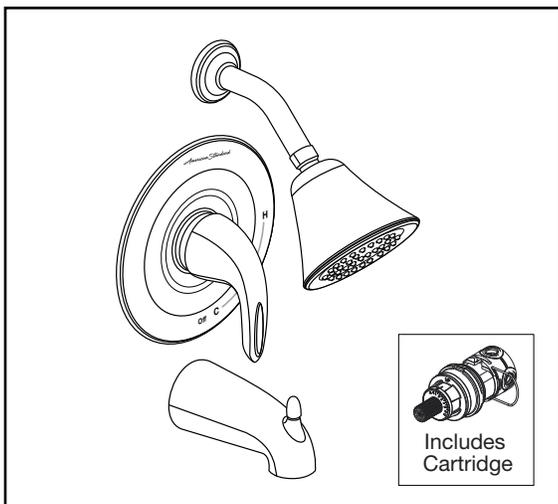
* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU385502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 4-1/2" showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

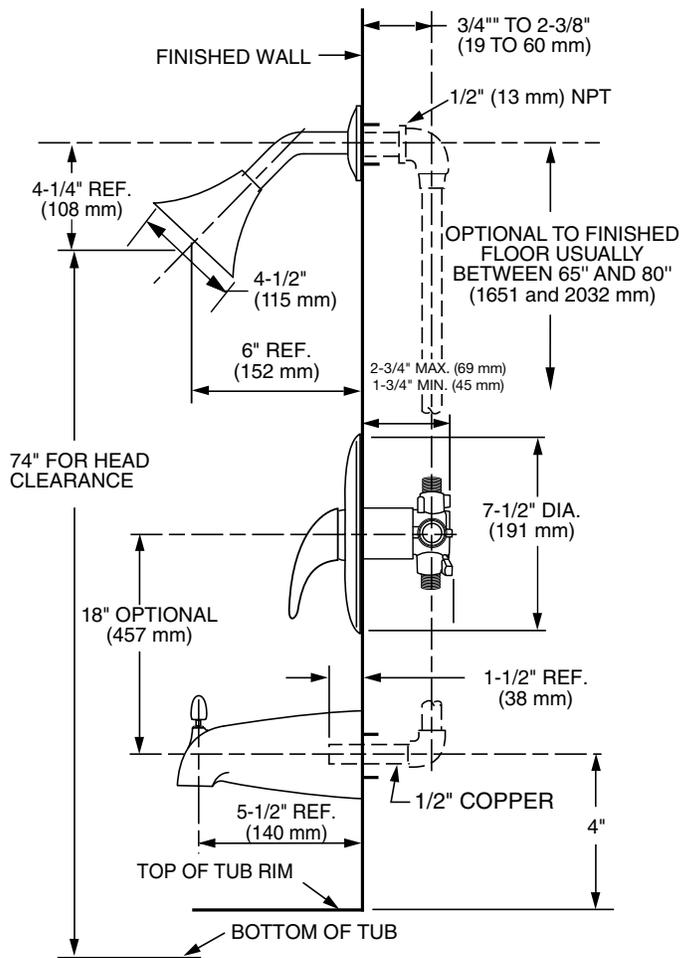
Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

MODEL NUMBER:

TRIM KITS:

- ❑ TU385502 Reliant 3 Bath/Shower Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU385501 Reliant 3 Shower ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU385500 Reliant 3 Valve ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU385501XH Reliant 3 Shower ONLY Trim Kit with Pressure Balance Cartridge
LESS showerhead. Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU38550_ and Flash Valve Body Model # RU10_.

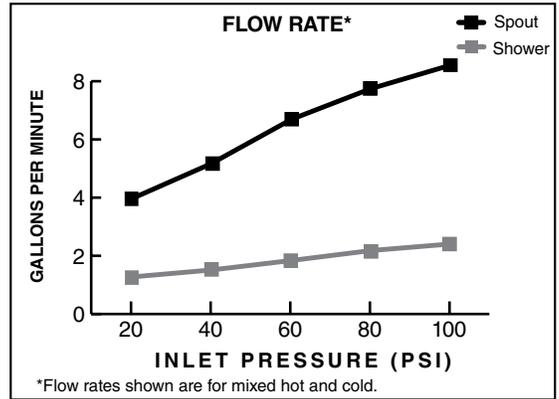
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm

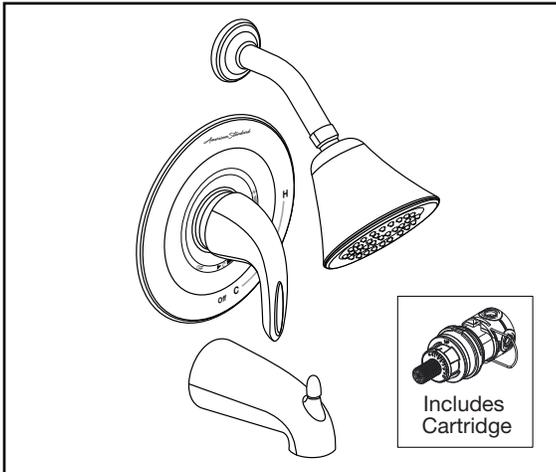


| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|---|--|-----------------|--------------------|--|
| | | | Polished Chrome | PVD Brushed Nickel | |
| | | 002 | 295 | | |
| | TU385502 | Bath/Shower trim kit. Metal lever handle. Showerhead. Includes cartridge. LESS valve body. | | | |
| | TU385501 | Shower only trim kit. Metal lever handle. Showerhead. Includes cartridge. LESS valve body. | ADA | | |
| TU385501X | Bath/Shower trim kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | ADA | | ONLY | |
| TU385500 | Valve only trim kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |



TU385502WD Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 4-1/2" showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever with RED/BLUE indicator ring.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

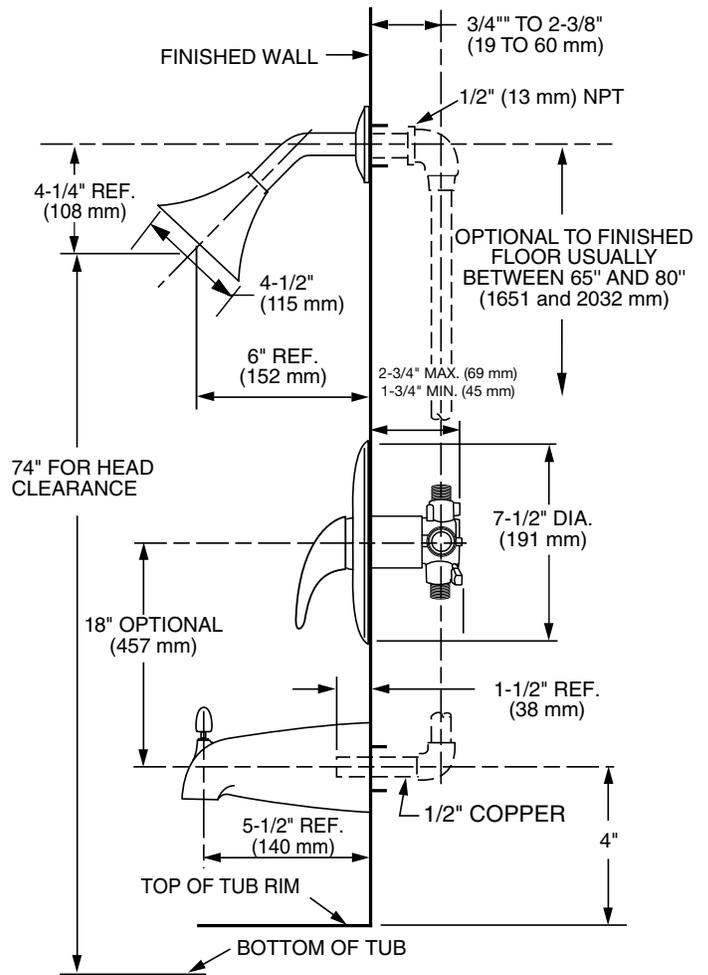
Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

MODEL NUMBER:

TRIM KITS:

- ❑ **TU385502WD Reliant 3 Bath/Shower Trim Kit with Pressure Balance Cartridge**
 Lever handle. LESS valve body with RED/BLUE indicator ring.
- ❑ **TU385500WD Reliant 3 Valve ONLY Trim Kit with Pressure Balance Cartridge**
 Lever handle. LESS valve body with RED/BLUE indicator ring.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU38550_WD.____ and Flash Valve Body Model # RU10_____.



Reliant 3®

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

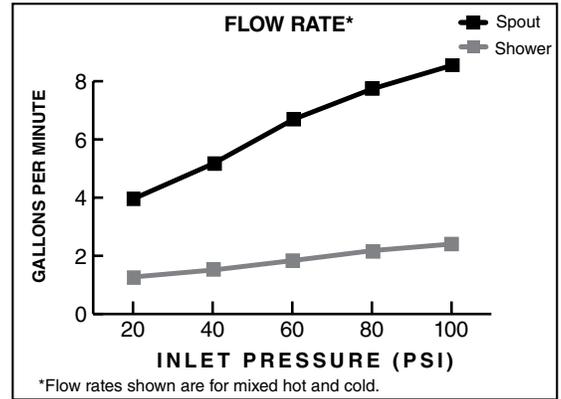
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options |
|-------------|--|---|-----------------|
| | | | Polished Chrome |
| | | | 002 |
| | TU385502WD | Bath/Shower trim kit with RED/BLUE indicator ring. Metal lever handle. Showerhead. Includes cartridge. LESS valve body. | |
| TU385500WD | Valve only trim kit with RED/BLUE indicator ring. Metal lever handle. Showerhead. Includes cartridge. LESS valve body. | | |

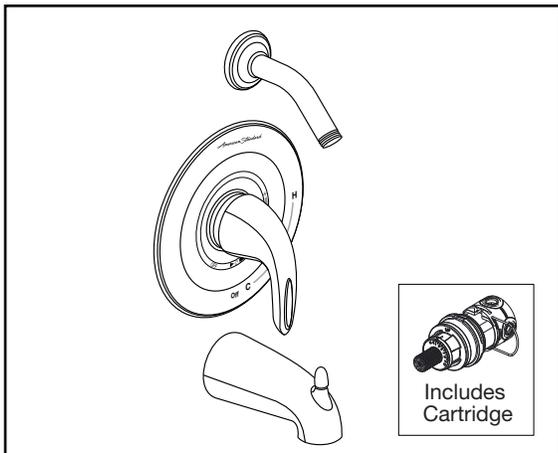
*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU385502WDXH Bath/Shower Trim Shown

MODEL NUMBER:

TRIM KITS:

- ❑ **TU385502WDXH Reliant 3 Bath/Shower Trim Kit with Pressure Balance Cartridge**
 LESS showerhead. Lever handle. LESS valve body with RED/BLUE indicator ring.
- ❑ **TU385501WDXH Reliant 3 Shower ONLY Trim Kit with Pressure Balance Cartridge**
 Lever handle. LESS valve body with RED/BLUE indicator ring.

For use with Flash™ Rough Valve Bodies

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features metal slip-on diverter spout. Metal wall valve trim with metal lever with RED/BLUE indicator ring.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

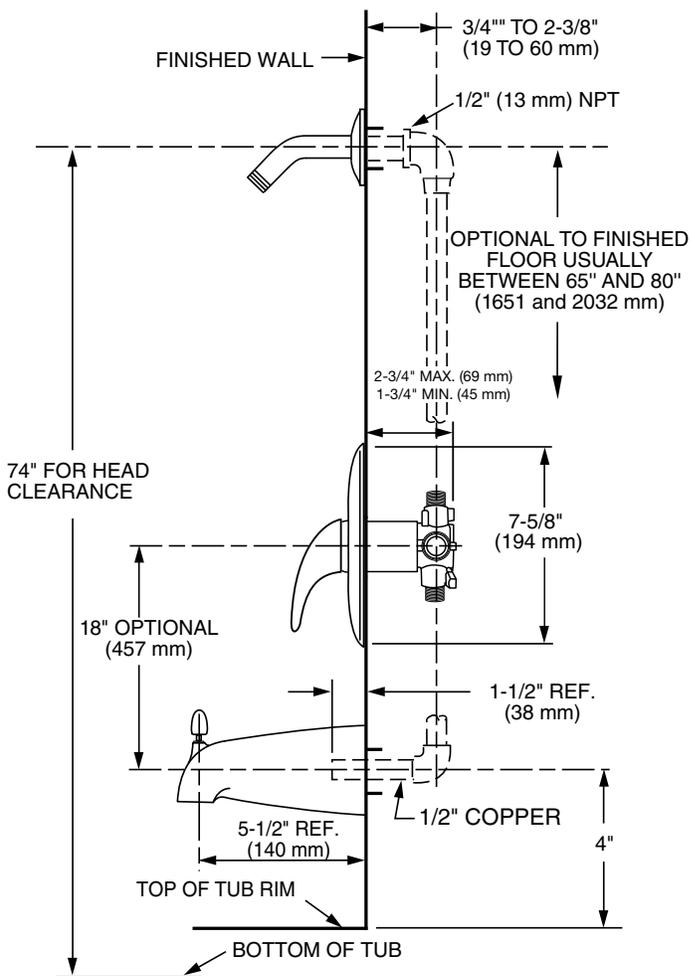
Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature double ceramic pressure balance cartridge. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU38550_WDXH.____ and Flash Valve Body Model # RU10____.



Reliant 3®

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

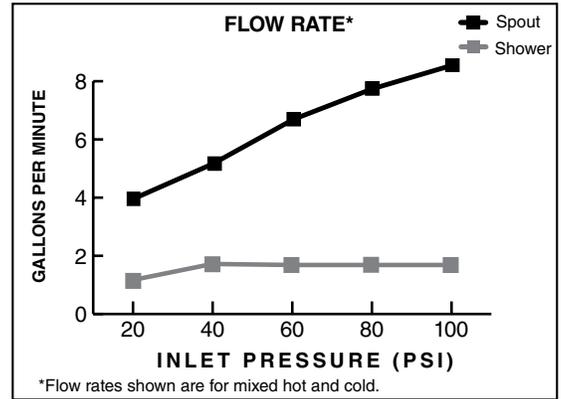
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | |
|--------------|--|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU385502WDXH | Bath/Shower trim kit with RED/BLUE indicator ring. Metal lever handle. LESS showerhead. Includes cartridge. LESS valve body. | | | |
| TU385501WDXH | Shower only trim kit with RED/BLUE indicator ring. Metal lever handle. LESS Showerhead. Includes cartridge. LESS valve body. | | | |

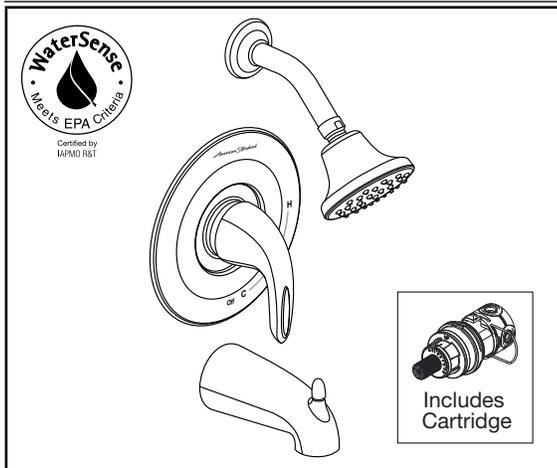
*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU385508 Bath/Shower Trim Shown

MODEL NUMBER:

TRIM KITS:

- TU385508 Reliant 3 Bath/Shower Trim Kit with Pressure Balance Cartridge**
 Water-saving showerhead. Lever handle. LESS valve body.
- TU385507 Reliant 3 Shower ONLY Trim Kit with Pressure Balance Cartridge**
 Water-saving showerhead. Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 3-3/4" water-saving showerhead with a maximum 1.75 gpm/6.6 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

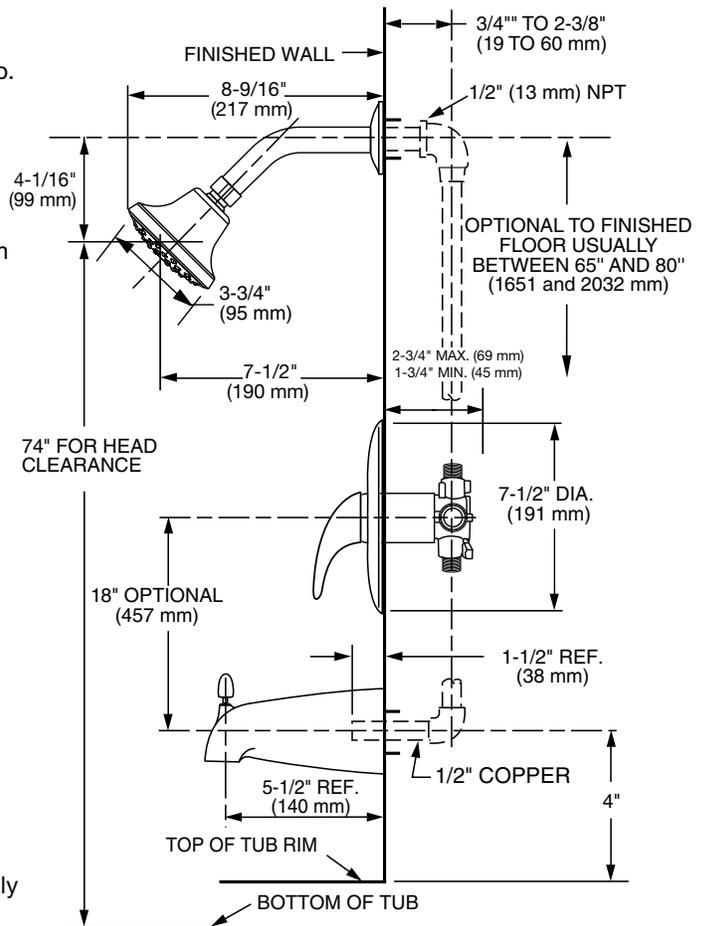
Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

Water Saving: Saves 30% water usage.



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving showerhead with Max. 1.75 gpm/6.6 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU38550_ and Flash Valve Body Model # RU10_.



Reliant 3®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

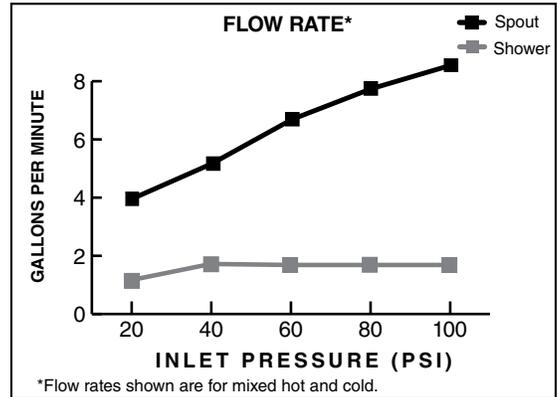
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU385508 | Bath/Shower trim kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |
| TU385507 | Shower only trim kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |

* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|---------------------------|--|---------------------------|------------------------|
| | Rough Valve Body. Universal* inlets/outlets. | RU101 | RU101SS |
| | Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS |
| | Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS |
| | Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS |
| | Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS |
| | Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

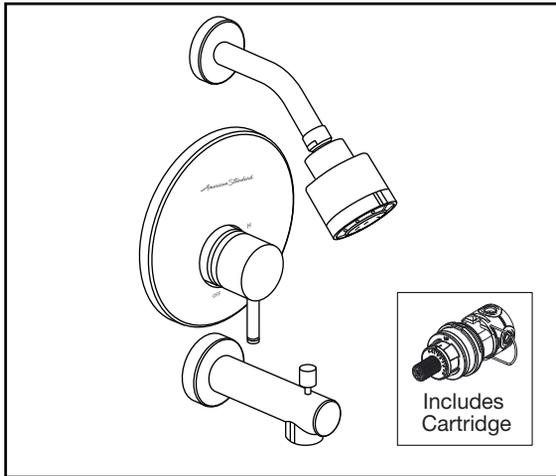
PART OF **LIXIL**

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

MODEL NUMBER:

TRIM KITS:

- ❑ **TU064502 Serin Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- ❑ **TU064501 Serin Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- ❑ **TU064500 Serin Valve ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.



TU064502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 2-9/16" 3-function showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

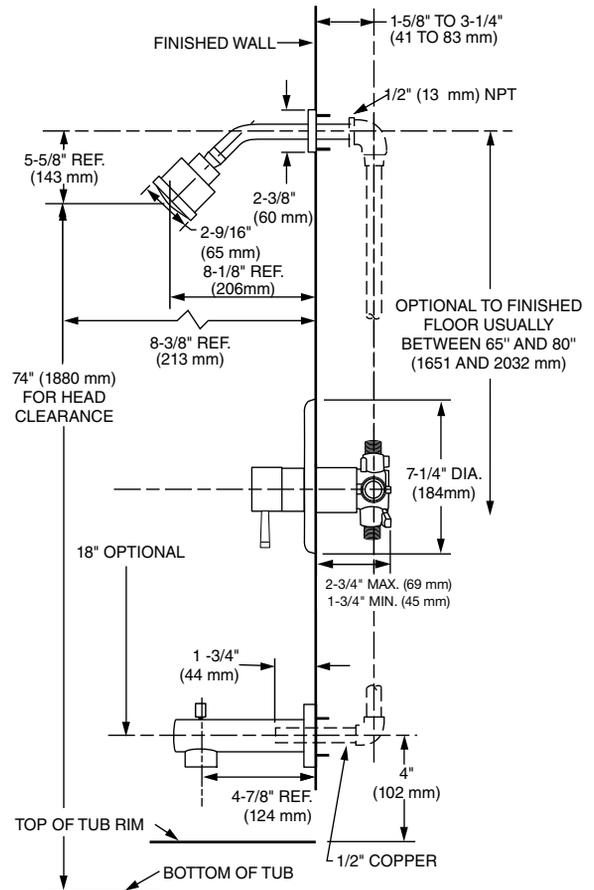
Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature 3-function showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU06450____ and Flash Valve Body Model # RU10____.

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

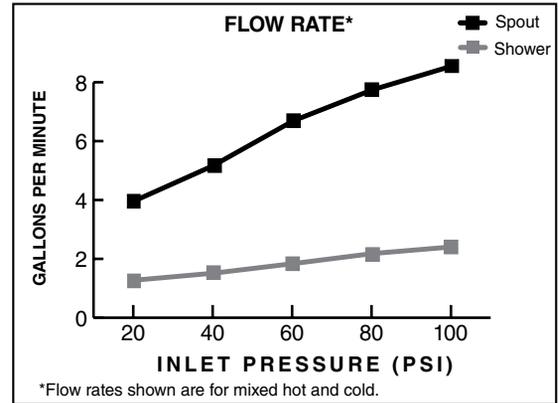
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



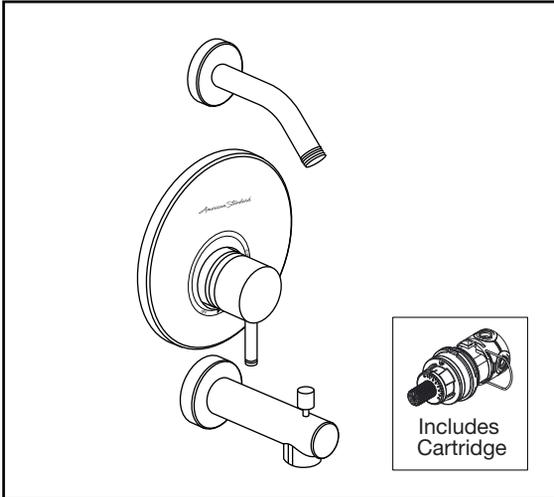
| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU064502 | Bath/Shower Trim Kit. Metal lever handle. 3-Function showerhead. Includes cartridge. LESS valve body. | | | |
| TU064501 | Shower Only Trim Kit. Metal lever handle. 3-Function showerhead. Includes cartridge. LESS valve body. | ADA | | |
| TU064500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge



TU064502WDXH Bath/Shower Trim Shown

MODEL NUMBER:

TRIM KITS:

- ❑ TU064502WDXH Serin Bath/Shower Trim Kit with Pressure Balance Cartridge
LESS Showerhead. Lever handle. LESS valve body.
- ❑ TU064501WDXH Serin Shower ONLY Trim Kit with Pressure Balance Cartridge
LESS Showerhead. Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Metal slip-on diverter spout. Metal wall valve trim with metal lever with RED/BLUE indicator ring.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

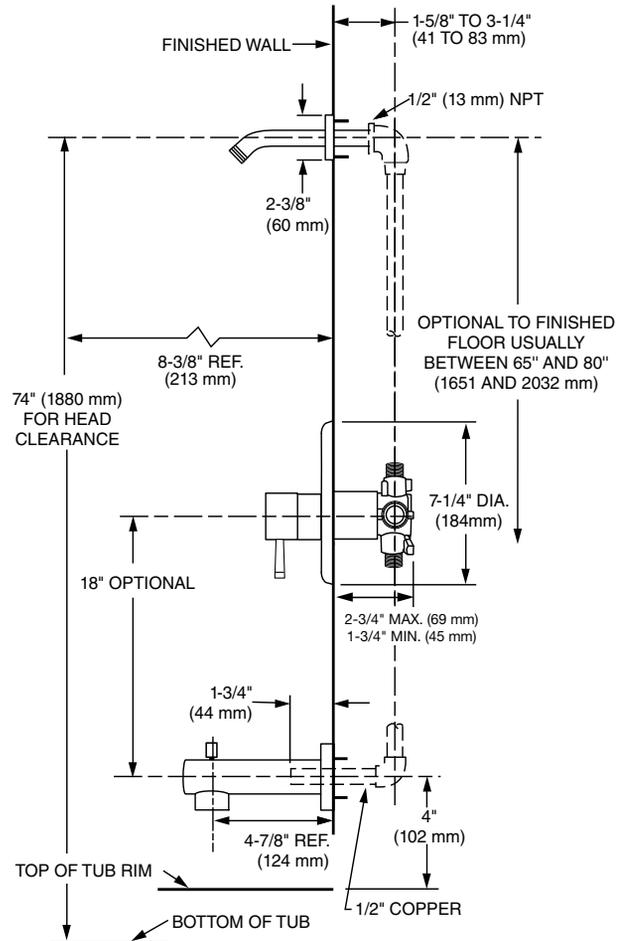
Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.



SUGGESTED SPECIFICATION

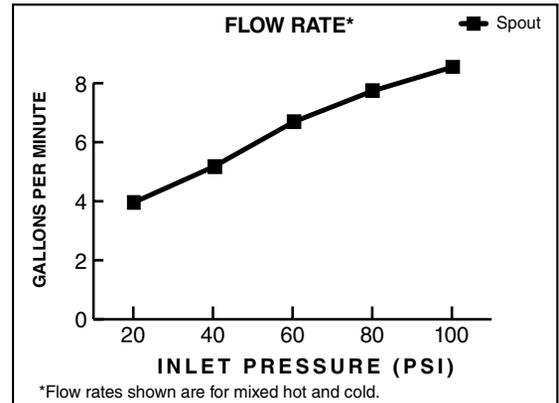
Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU06450_WDXH.____ and Flash Valve Body Model # RU10____.

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

CODES AND STANDARDS

These products meet or exceed the following codes and standards:

- ASSE 1016
- ASME A112.18.1
- CSA B125.1
- ANSI A117.1

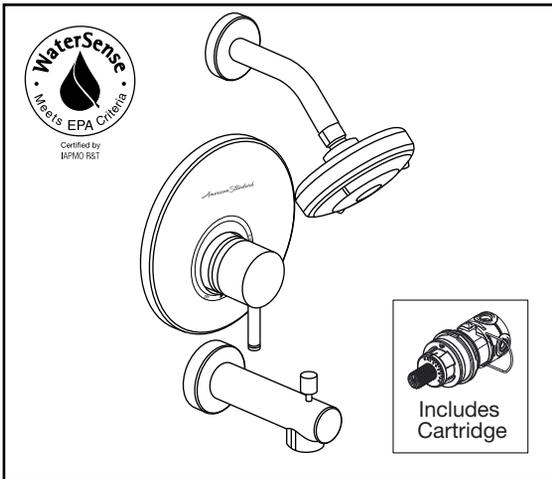


| TRIM KITS * | Product Number | Description | Finish Options | |
|--------------|--|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU064502WDXH | Bath/Shower Trim Kit with RED/BLUE indicator ring. Metal lever handle. LESS showerhead. Includes cartridge. LESS valve body. | | | |
| TU064501WDXH | Shower Only Trim Kit with RED/BLUE indicator ring. Metal lever handle. LESS showerhead. Includes cartridge. LESS valve body. | | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |



TU064508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 4-3/4" water-saving 3-function showerhead with a maximum 1.75 gpm/6.6 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge:

Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

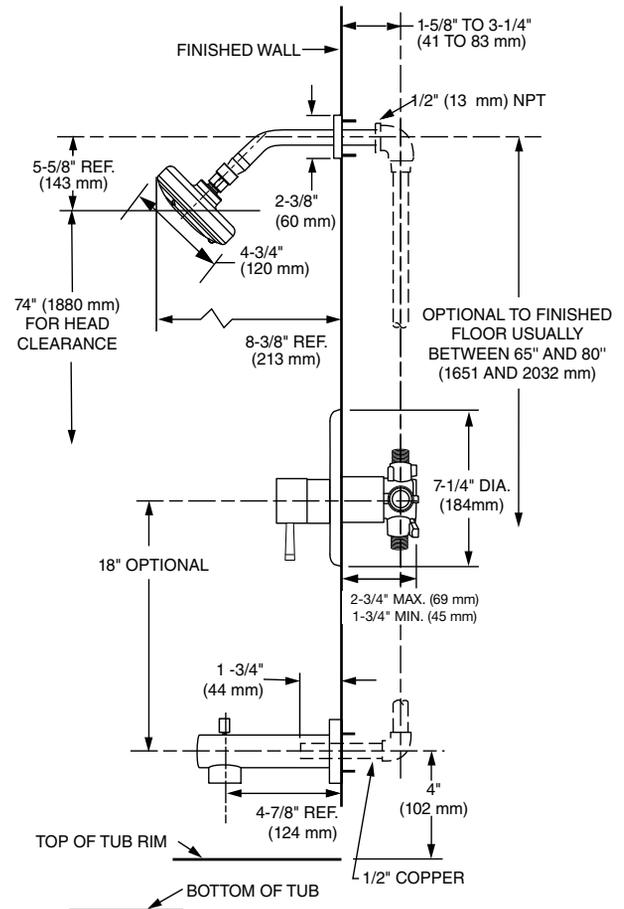
Water Saving: Saves 30% water usage.

MODEL NUMBER:

TRIM KITS:

- ❑ **TU064508 Serin Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- ❑ **TU064507 Serin Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.

For use with Flash™ Rough Valve Bodies



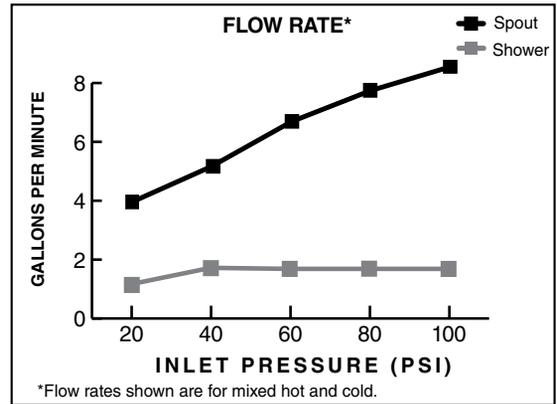
SUGGESTED SPECIFICATION

Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU06450_... and Flash Valve Body Model # RU10_...

CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16
ASME A112.18.1 / CSA B125.1
Rated to meet ASSE 1016 @ 1.3gpm



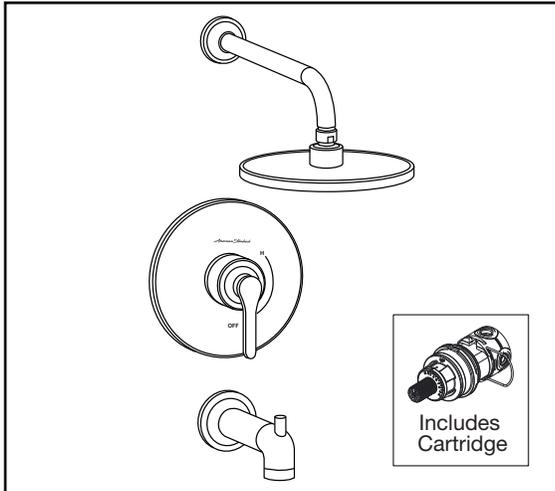
| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|--|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU064508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving 3-function showerhead. Includes cartridge. LESS valve body. | | | |
| TU064507 | Shower Only Trim Kit. Metal lever handle. Water-saving 3-function showerhead. Includes cartridge. LESS valve body. | | | |

* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge



TU105502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 8" brass rain showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

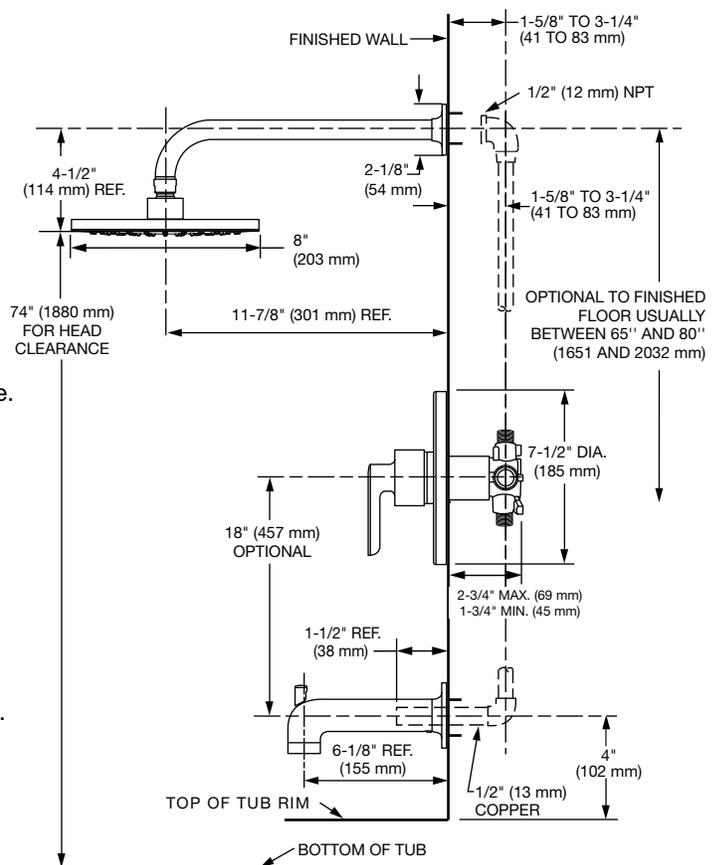
Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

MODEL NUMBER:

TRIM KITS:

- TU105502 Studio S Bath/Shower Trim Kit with Pressure Balance Cartridge
Metal lever handle. LESS valve body.
- TU105501 Studio S Shower ONLY Trim Kit with Pressure Balance Cartridge
Metal lever handle. LESS valve body.
- TU105500 Studio S Valve ONLY Trim Kit with Pressure Balance Cartridge
Metal lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature brass rain showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU18450_ and Flash Valve Body Model # RU10_.

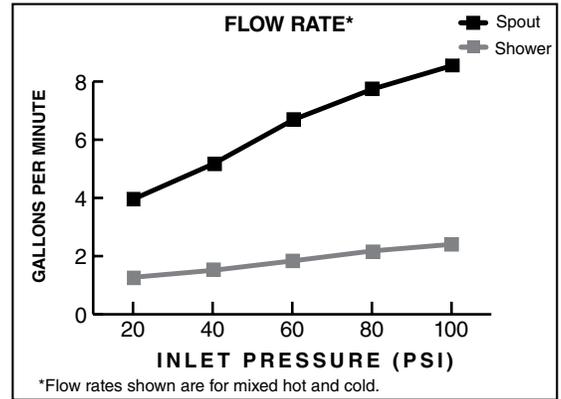
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm

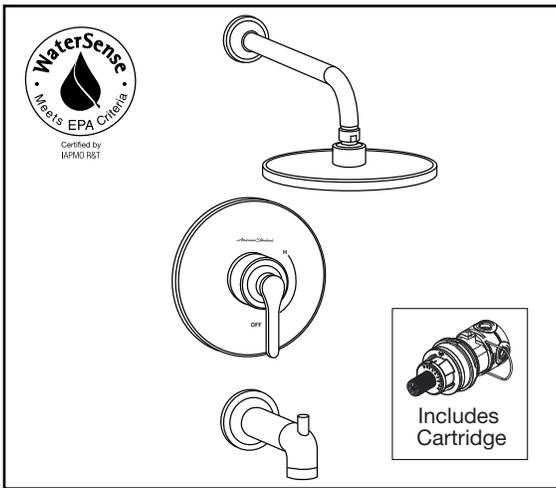


| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|---|-------------|-----------------|-------------|--------------------|
| | | | Polished Chrome | Matte Black | PVD Brushed Nickel |
| | | | 002 | 243 | 295 |
| TU105502 | Bath/Shower Trim Kit. Metal lever handle. Brass rain showerhead. Includes cartridge. LESS valve body. | | | | |
| TU105501 | Shower Only Trim Kit. Metal lever handle. Brass rain showerhead. Includes cartridge. LESS valve body. | ADA | | | |
| TU105500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |



TU105508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 8" water-saving brass rain showerhead with a maximum 1.75 gpm/6.6 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral depo sits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

Water Saving: Saves 30% water usage.

MODEL NUMBER:

TRIM KITS:

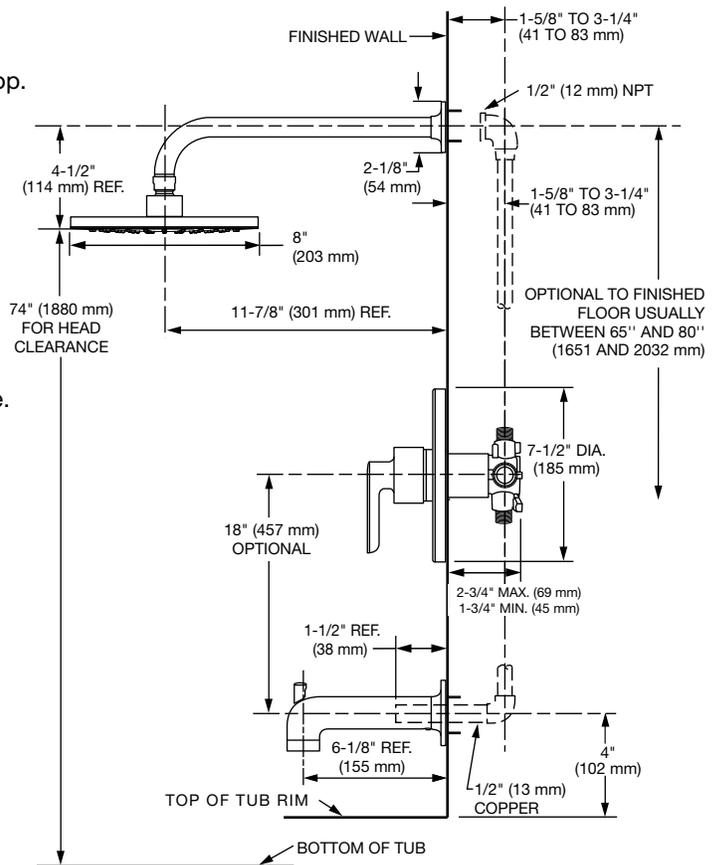
TU105508 Studio S Bath/Shower Trim Kit with Pressure Balance Cartridge

Lever handle. Water-saving showerhead. LESS valve body.

TU105507 Studio S Shower ONLY Trim Kit with Pressure Balance Cartridge

Lever handle. Water-saving showerhead. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving brass rain showerhead with Max. 1.75 gpm/6.6 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU10550_ and Flash Valve Body Model # RU10_.



Studio®S

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

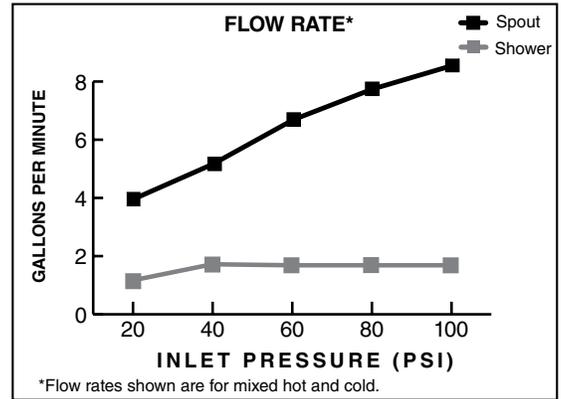
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|--|-------------|-----------------|-------------|----------------|
| | | | Polished Chrome | Matte Black | Brushed Nickel |
| | | | 002 | 243 | 295 |
| TU105508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving brass rain showerhead. Includes cartridge. LESS valve body. | | | | |
| TU105507 | Shower Only Trim Kit. Metal lever handle. Water-saving brass rain showerhead. Includes cartridge. LESS valve body. | | | | |

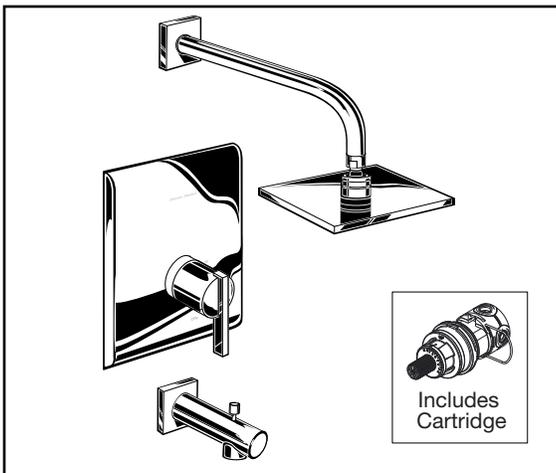
*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU184502 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 7-13/16" metal rain showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

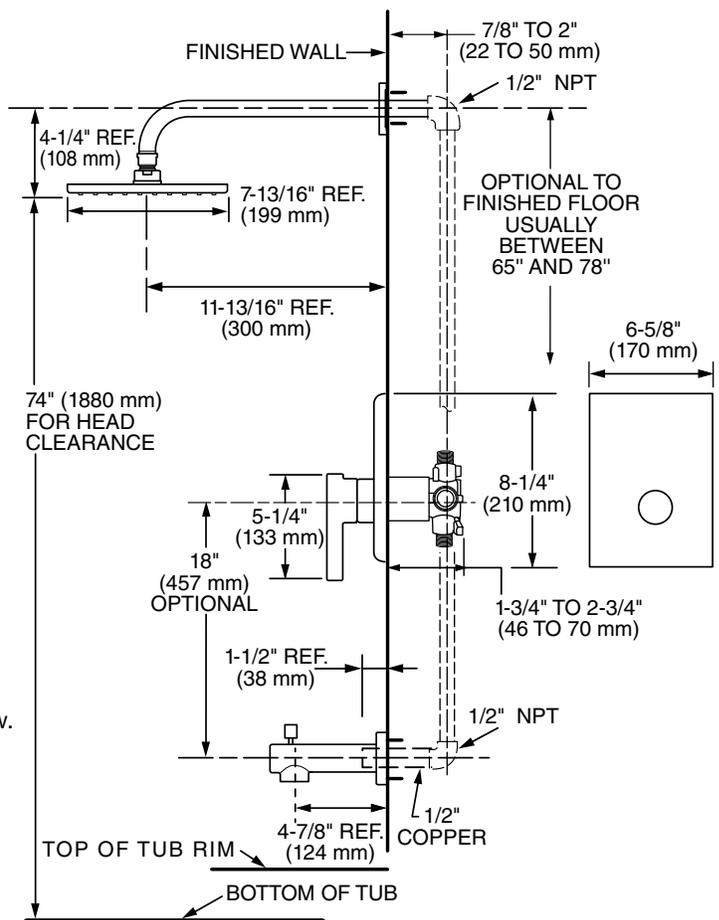
Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

MODEL NUMBER:

TRIM KITS:

- TU184502 Times Square Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- TU184501 Times Square Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.
- TU184500 Times Square Valve ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature metal rain showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop Fitting shall be: American Standard - Trim Kit Model # TU18450_ and Flash Valve Body Model # RU10_.



Times Square® Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

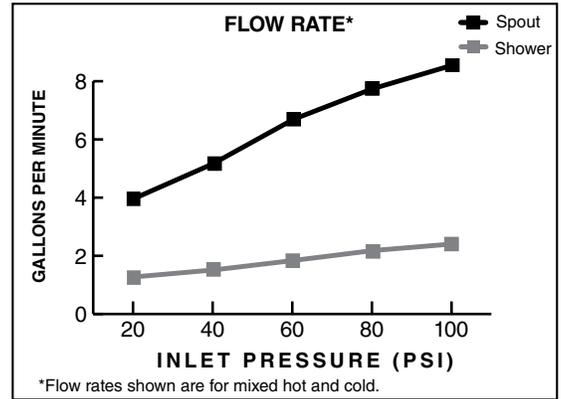
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU184502 | Bath/Shower Trim Kit. Metal lever handle. Metal rain showerhead. Includes cartridge. LESS valve body. | | | |
| TU184501 | Shower Only Trim Kit. Metal lever handle. Metal rain showerhead. Includes cartridge. LESS valve body. | ADA | | |
| TU184500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | |

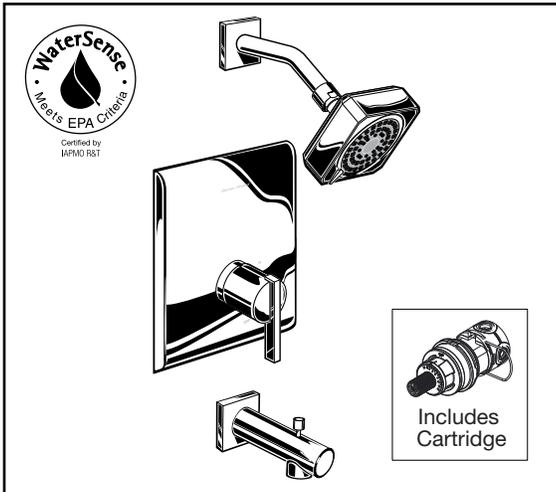
*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

ADA Meets the American Disabilities Act Guidelines and ANSI A117.1 Requirements for the physically challenged.

PART OF LIXIL



TU184508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features water-saving 2-function showerhead with a maximum 1.75 gpm/6.6 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

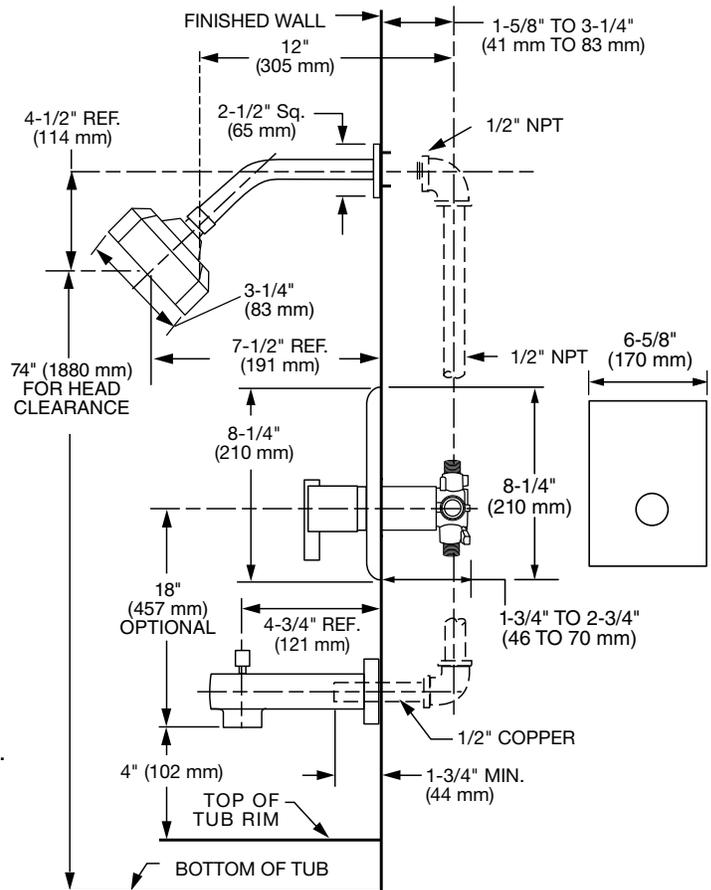
Water Saving: Saves 30% water usage.

MODEL NUMBER:

TRIM KITS:

- TU184508 Times Square Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU184507 Times Square Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving 2-function showerhead with Max. 1.75 gpm/6.6 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU18450_ and Flash Valve Body Model # RU10_.



Times Square®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

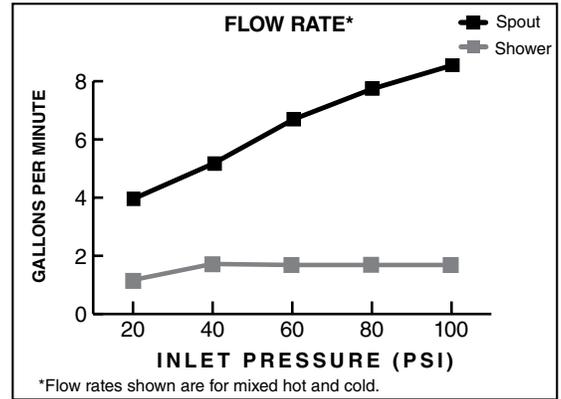
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | |
|-------------|---|-------------|-----------------|--------------------|
| | | | Polished Chrome | PVD Brushed Nickel |
| | | | 002 | 295 |
| TU184508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |
| TU184507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | |

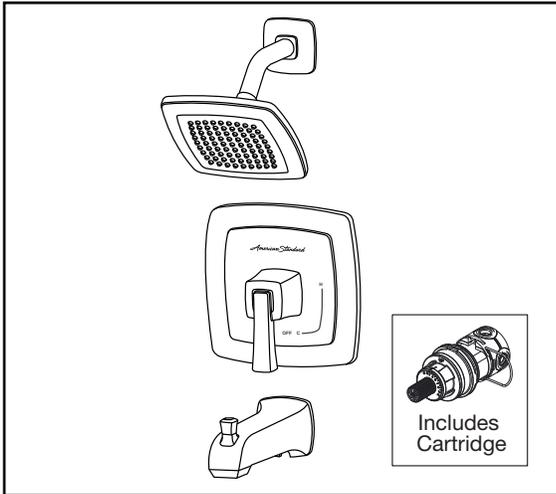
* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU353502 Bath/Shower Trim Shown

MODEL NUMBER:

TRIM KITS:

- ❑ TU353502 Townsend Bath/Shower Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU353501 Townsend Shower ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU353500 Townsend Valve ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 6" showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

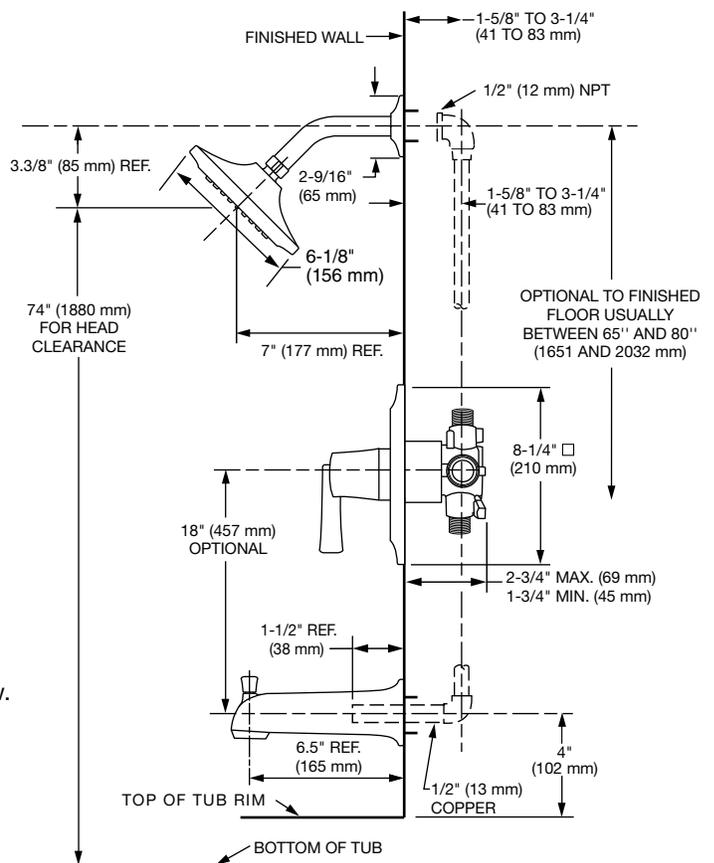
Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU35350_ and Flash Valve Body Model # RU10_.

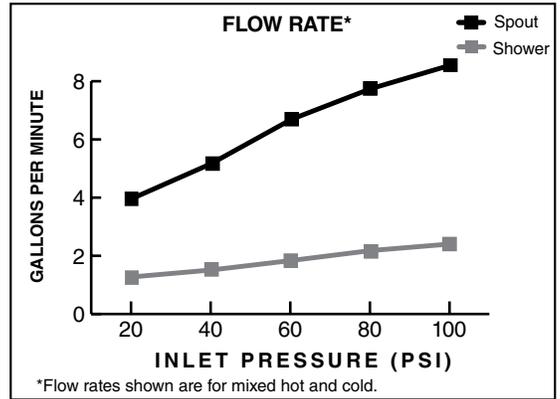
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm

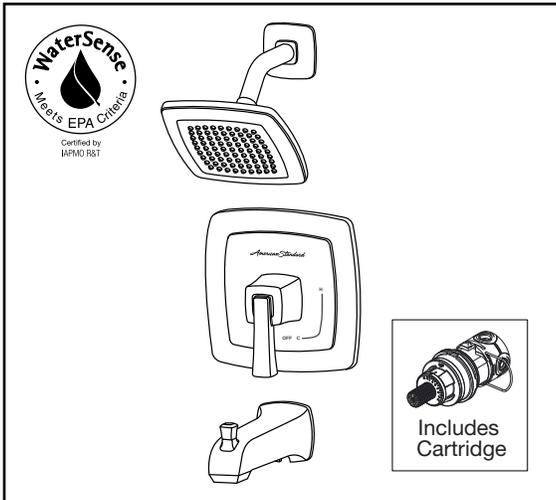


| TRIM KITS * | Product Number | Description | Finish Options | | | |
|-------------|--|-------------|-----------------|-----------------|---------------|--------------------|
| | | | Polished Chrome | Polished Nickel | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 013 | 278 | 295 |
| TU353502 | Bath/Shower Trim Kit. Metal lever handle. Includes cartridge.LESS valve body. | | | | | |
| TU353501 | Shower Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | | | |
| TU353500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | | | |

*** TRIM & ROUGH MUST BE ORDERED SEPARATELY.**

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |



TU353508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 6" water-saving showerhead with a maximum 1.75 gpm/6.6 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

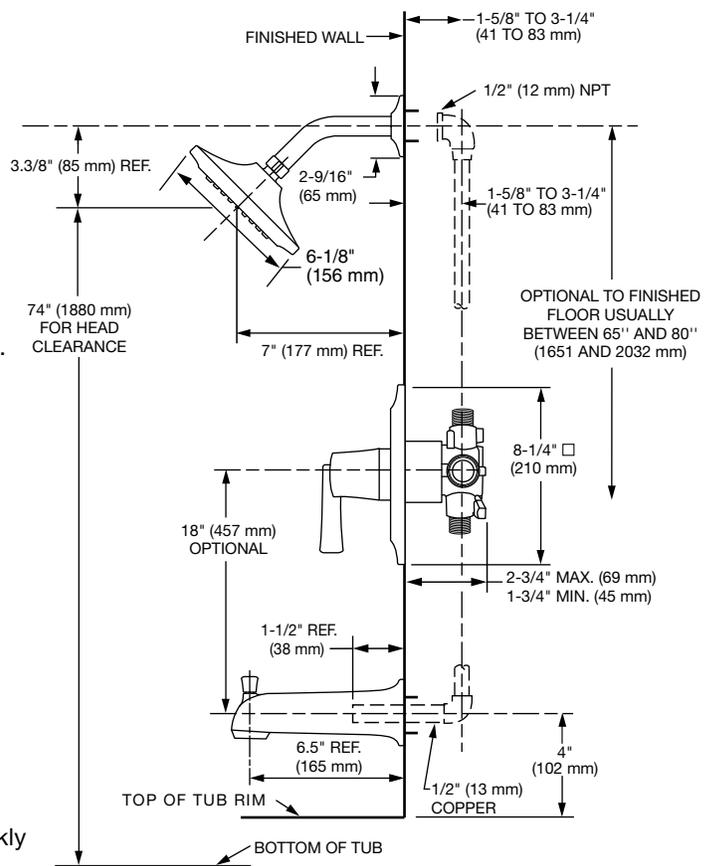
Water Saving: Saves 30% water usage.

MODEL NUMBER:

TRIM KITS:

- TU353508 Townsend Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU353507 Townsend Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving showerhead with Max. 1.75 gpm/6.6 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU35350_ and Flash Valve Body Model # RU10_.



Townsend®

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

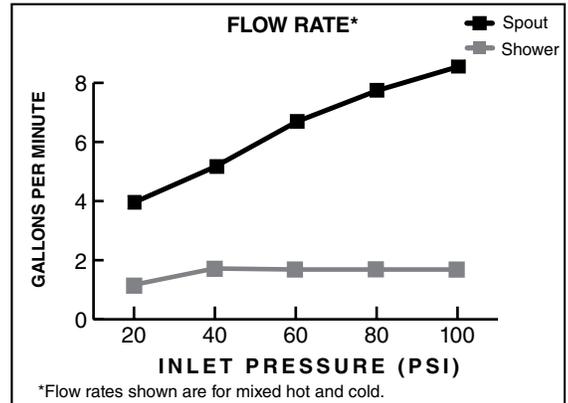
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | | |
|-------------|---|-------------|-----------------|--------------------|---------------|
| | | | Polished Chrome | PVD Brushed Nickel | Legacy Bronze |
| | | | 002 | 295 | 278 |
| TU353508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | | |
| TU353507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | | |

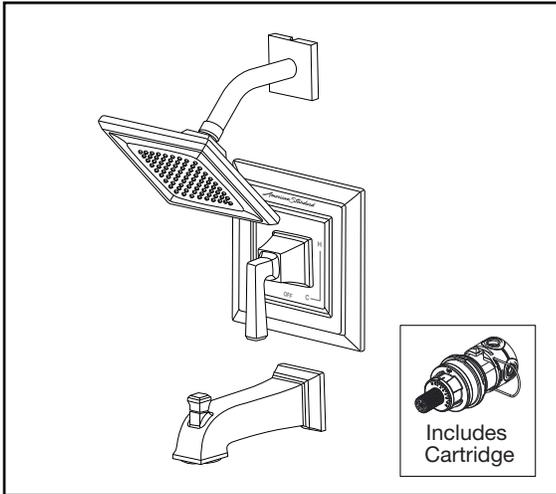
* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**



TU455502 Bath/Shower Trim Shown

MODEL NUMBER:

TRIM KITS:

- ❑ TU455502 Town Square S Bath/Shower Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU455501 Town Square S Shower ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.
- ❑ TU455500 Town Square S Valve ONLY Trim Kit with Pressure Balance Cartridge
Lever handle. LESS valve body.

For use with Flash™ Rough Valve Bodies

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 6-1/4" showerhead with a maximum 2.5 gpm/9.5 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

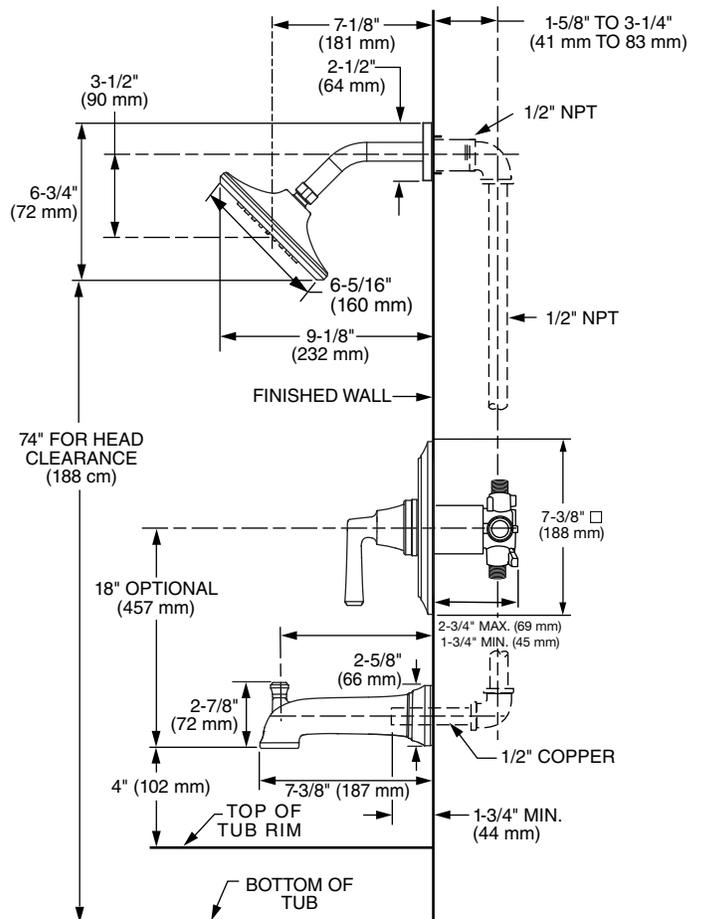
Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature showerhead with Max. 2.5 gpm/9.5 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU45550_ and Flash Valve Body Model # RU10_.



Town Square®S

Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

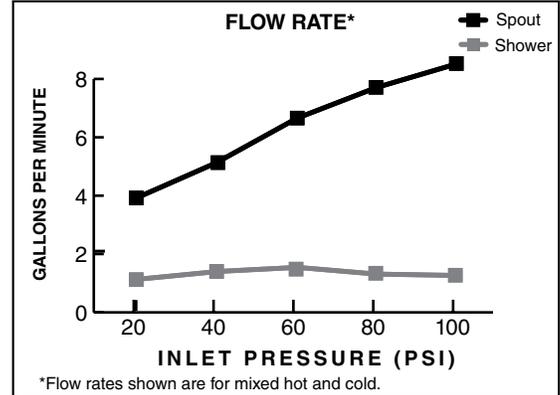
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS* | Product Number | Description | Finish Options | | | |
|------------|--|-------------|-----------------|---------------------|---------------|--------------------|
| | | | Polished Chrome | PVD Polished Nickel | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 013 | 278 | 295 |
| TU455502 | Bath/Shower Trim Kit. Metal lever handle. Showerhead. Includes cartridge. LESS valve body. | | | | | |
| TU455501 | Shower Only Trim Kit. Metal lever handle. Showerhead. Includes cartridge. LESS valve body. | ADA | | | | |
| TU455500 | Valve Only Trim Kit. Metal lever handle. Includes cartridge. LESS valve body. | ADA | | | | |

* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

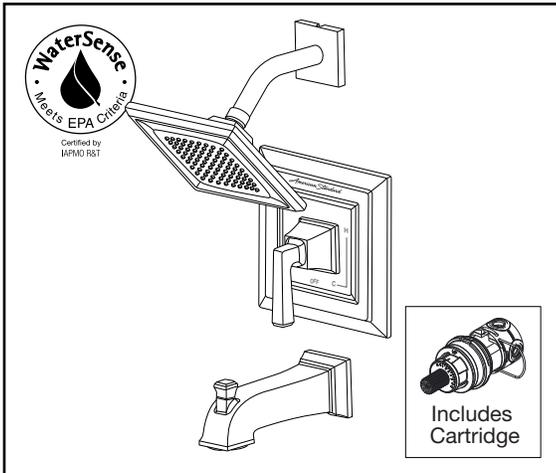
PART OF **LIXIL**



Town Square® S

Water-Saving Pressure Balance Bath/Shower Trim

with Double Ceramic Pressure Balance Cartridge



TU455508 Bath/Shower Trim Shown

GENERAL DESCRIPTION:

Double Ceramic Pressure Balance Cartridge: Features one-piece design with ceramic discs and ceramic balancing spool. Includes integrated check valves and hot limit safety stop. Cartridge capable of back to back capability. Ceramic balancing spool maintains constant output temperature in response to changes in relative hot and cold supply pressure. Washerless ceramic discs provide smooth handle movement and are unaffected by harsh water conditions.

Trim: Features 6-1/4" water-saving showerhead with a maximum 1.8 gpm/6.8 L/min. flow rate. Metal slip-on diverter spout. Metal wall valve trim with metal lever.

PRODUCT FEATURES

One-Piece Cartridge: Simplifies installation and maintenance.

Double Ceramic Pressure Balance Cartridge: Combination of Ceramic Disc Mixing Valve and a Ceramic Balancing Spool in a one-piece cartridge.

Ceramic Disc Mixing Valve: Assures a lifetime of drip-free performance and smooth handle operation.

Ceramic Balancing Spool: Maintains a constant output temperature in response to changes in relative hot and cold supply pressure. Ceramic material is unaffected by mineral deposits and harsh water conditions.

Integrated Check Valves: Engineered to eliminate cross flow.

Adjustable Hot Limit Safety Stop: Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

Comfort Zone: Offers a wider shower range to fine tune the desired temperature within the useful temperature zone.

Back-to-Back Capability: Hot and cold can be reversed quickly and easily.

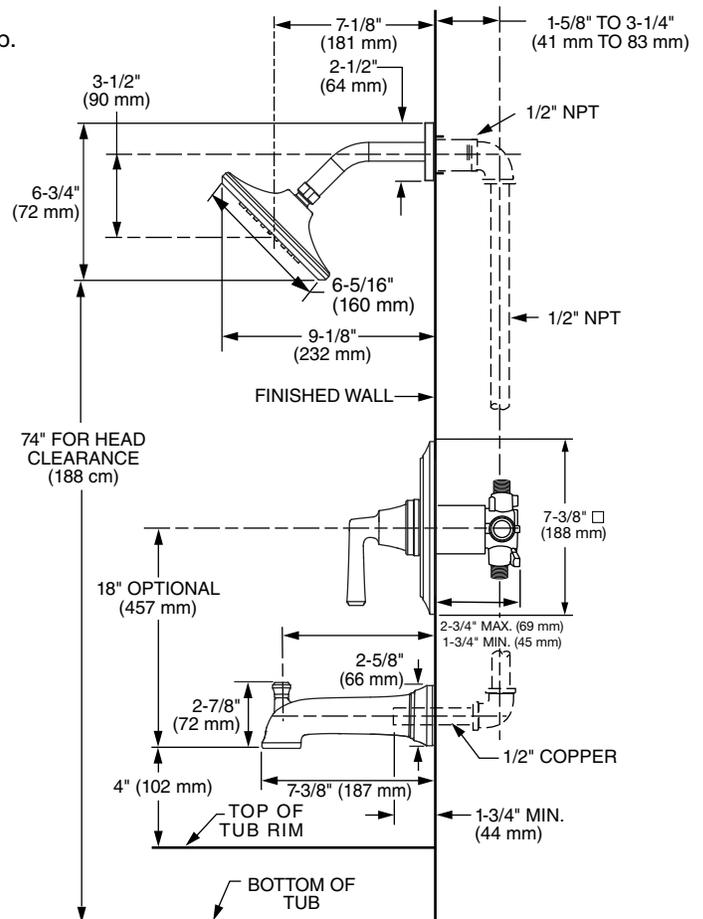
Water Saving: Saves 28% water usage.

MODEL NUMBER:

TRIM KITS:

- TU455508 Town Square S Bath/Shower Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.
- TU455507 Town Square S Shower ONLY Trim Kit with Pressure Balance Cartridge**
Lever handle. Water-saving showerhead. LESS valve body.

For use with Flash™ Rough Valve Bodies



SUGGESTED SPECIFICATION

Bath/shower fitting shall feature water saving showerhead with Max. 1.8 gpm/6.8 L/min. flow rate. Shall feature double ceramic pressure balance cartridge. Cartridge is capable of back to back installation and shall feature integrated check valves to eliminate cross flow. Capable of meeting ASSE1016 @1.3gpm. Cartridge shall also feature hot limit safety stop. Fitting shall be: American Standard - Trim Kit Model # TU45550_ and Flash Valve Body Model # RU10_.



Town Square®S

Water-Saving Pressure Balance Bath/Shower Trim with Double Ceramic Pressure Balance Cartridge

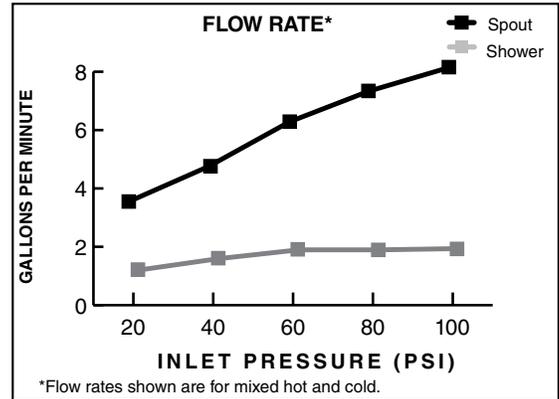
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 / ASME A112.18.1016 / CSA B125.16

ASME A112.18.1 / CSA B125.1

Rated to meet ASSE 1016 @ 1.3gpm



| TRIM KITS * | Product Number | Description | Finish Options | | | |
|-------------|---|-------------|-----------------|---------------------|---------------|--------------------|
| | | | Polished Chrome | PVD Polished Nickel | Legacy Bronze | PVD Brushed Nickel |
| | | | 002 | 013 | 278 | 295 |
| TU455508 | Bath/Shower Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | | | | | |
| TU455507 | Shower Only Trim Kit. Metal lever handle. Water-saving showerhead. Includes cartridge. LESS valve body. | ADA | | | | |

* TRIM & ROUGH MUST BE ORDERED SEPARATELY.

| Flash™ ROUGH VALVE BODIES | Product Description | Without Screwdriver Stops | With Screwdriver Stops |
|--|---------------------|--|------------------------|
| | | Rough Valve Body. Universal* inlets/outlets. | RU101 |
| Rough Valve Body. Stub-out inlets/outlets for Press-Fit Fittings. | RU102 | RU102SS | |
| Rough Valve Body. PEX inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107 | RU107SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Crimp Ring PEX system (ASTM F1807). | RU107E | RU107ESS | |
| Rough Valve Body. PEX inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108 | RU108SS | |
| Rough Valve Body. PEX Elbow inlets/Universal outlets for Cold Expansion PEX system (ASTM F1960). | RU108E | RU108ESS | |
| Rough Valve Body. CPVC inlets/Universal outlets. | RU109 | RU109SS | |

| OPTIONAL ACCESSORY | Product Number | Product Description |
|--------------------|----------------|---------------------|
| | M970649-YYY0A | Deep Rough-In Kit |

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

PART OF **LIXIL**