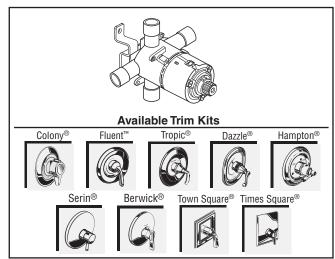


UPGRADABLE

PRESSURE BALANCE BATH/SHOWER FITTING TEMPERATURE CONTROL VALVE



R110 Valve Body Shown

GENERAL DESCRIPTION:

Cast brass body, washerless ceramic disc valve cartridge with back-to-back capability, integrated check valves and hot limit safety stop. Cycles from "off" to "cold" to "hot". Pressure balancing cartridge maintains constant output temperature in response to changes in relative hot and cold supply pressure. One-half inch inlets and outlets (choice of universal, direct sweat, threaded, PEX or CPVC). Available with screwdriver stops. Rough-in plaster guard designed for use as thin-wall mounting adaptor. Valve body will accept a variety of decorative Bath/Shower trims.

PRODUCT FEATURES:

Cast Brass Valve Body: Durable - Quality that will last a lifetime. Ideal material for prolonged contact with water.

Ceramic Disc Valve Cartridge: Assures a lifetime of drip-free performance. Allows easy fine tuning of temperature (125° handle rotation from off to hot).

Pressure Balancing Valve Cartridge: Maintains constant output temperature in response to changes in hot and cold supply pressure. Diaphragm system with integrated check valves engineered to eliminate cross flow. Avoids failure due to mineral deposits - ideal for use in hard water.

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

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

Exclusive Plaster Guard: Plaster guard is designed to protect valve during installation and serve as a mounting plate for thin-wall installations. 2-piece design allows valve to be tested prior to trim installation.

Wide Rough-in Range: From 1-5/8" to 3-1/4".

MODEL NUMBER:

- R111 Pressure Balance Rough Valve Body only Universal inlets/outlets. LESS trim.
- R111SS Pressure Balance Rough Valve Body only with Screwdriver stops

Universal inlets/outlets, Screwdriver stops, LESS trim.

- R110 Pressure Balance Rough Valve Body only Direct sweat inlets/outlets. LESS trim.
- ☐ R110SS Pressure Balance Rough Valve Body only with Screwdriver stops

Direct sweat inlets/outlets. Screwdriver stops. LESS trim.

- R115 Pressure Balance Rough Valve Body only Female thread inlets/outlets. LESS trim.
- R115SS Pressure Balance Rough Valve Body only with Screwdriver stops

Female thread inlets/outlets. Screwdriver stops. LESS trim.

- R117 Pressure Balance Rough Valve Body only PEX inlets/universal outlets for Crimp Ring PEX system (ASTM F1807) LESS trim.
- R117SS Pressure Balance Rough Valve Body only with Screwdriver stops

PEX inlets/universal outlets for Crimp Ring PEX system (ASTM F1807) Screwdriver stops. LESS trim.

- ☐ R118 Pressure Balance Rough Valve Body only
 PEX inlets/universal outlets for Cold Expansion PEX system
 (ASTM F1960) LESS trim.
- ☐ R118SS Pressure Balance Rough Valve Body only with Screwdriver stops

PEX inlets/universal outlets for Cold Expansion PEX system (ASTM F1960) Screwdriver stops. LESS trim.

- ☐ R119 Pressure Balance Rough Valve Body only CPVC inlets/universal outlets. LESS trim.
- R119SS Pressure Balance Rough Valve Body only with Screwdriver stops

CPVC inlets/universal outlets. Screwdriver stops. LESS trim.

See reverse side for dimensional valve drawings.

SUGGESTED SPECIFICATION:

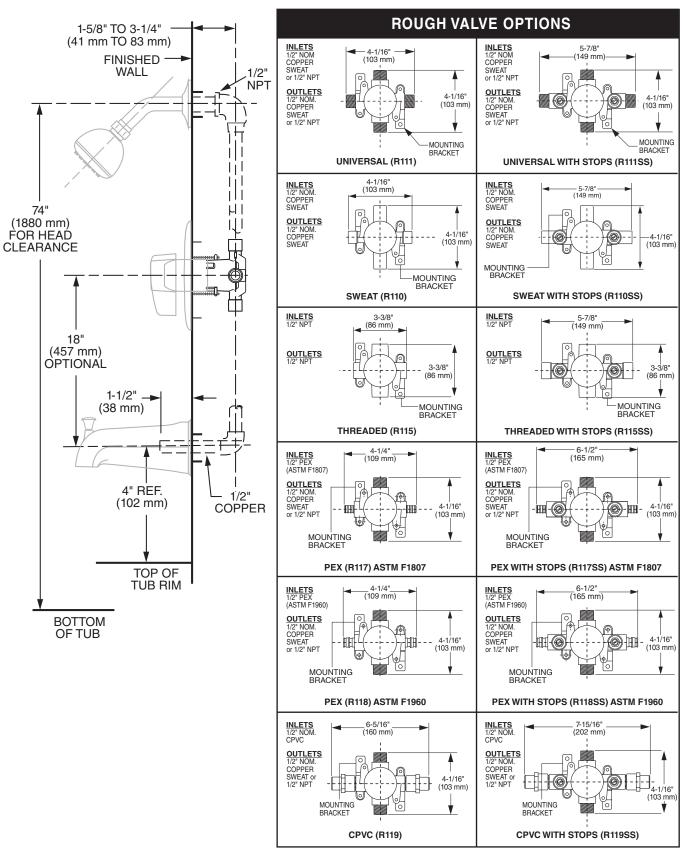
Bath/shower fitting shall feature a cast brass body. Shall feature ceramic disc valve cartridge which is capable of back-to-back installation. Fitting shall be equipped with pressure balancing cartridge engineered to eliminate cross flow and avoid failure due to mineral deposits. Shall also feature hot limit safety stop. Fitting shall be: Rough Valve Body - American Standard Model # R11 _____, Trim Kit - American Standard Model # _____.



UPGRADABLE

PRESSURE BALANCE BATH/SHOWER FITTING

TEMPERATURE CONTROL VALVE





UPGRADABLE

PRESSURE BALANCE BATH/SHOWER FITTING TEMPERATURE CONTROL VALVE

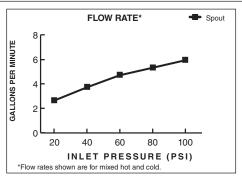
Valve + Trim: Trim Kit & Valve Body Packaged Separately

To order: Specify valve body and trim kit desired

Example: R110 - Direct Sweat Valve Body

T186.502 - Fluent Bath/Shower Trim Kit

	R111	R111SS	R110	R110SS	R115	R115SS
/ES	Universal Inlets/ Outlets	Universal Inlets/Outlets w/ Screwdriver Stops	Diret Sweat Inlets/ Outlets	Diret Sweat Inlets/Outlets w/ Screwdriver Stops	Female Thread Inlets/ Outlets	Female Thread Inlets/Outlets w/ Screwdriver Stops
VALVE						
	R117	R117SS	R118	R118SS	R119	R119SS
	PEX Inlets/ Universal Outlets (ASTM F1807)	PEX Inlets/Universal Outlets w/ Screwdriver Stops (ASTM F1807)	Universal	PEX Inlets/Universal Outlets w/ Screwdriver Stops (ASTM F 1960)	CPVC Inlets/ Universal Outlets	CPVC Inlets/Universal Outlets w/ Screwdriver Stops

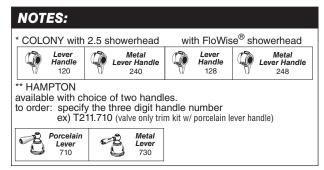


CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 ASME A112.18.1 CSA B 125

		Colony®*	Fluent™	Tropic®	Dazzle®	Hampton®**	Town Square®	Serin®	Times Square®	Berwick®
(0	B/S	T375.XXX	T186.502	T038.502	T028.502	T215.7XX	T555.502	T064.502	T184.502	T430.502
	Shower	T372.XXX	T186.501	T038.501	T028.501	T212.7XX	T555.501	T064.501	T184.501	T430.501
X	Valve	T371.XXX	T186.500	T038.500	T028.500	T211.7XX	T555.500	T064.500	T184.500	T430.500
TRIM KITS	The Epicology of Physics of Physi	Colony®	Fluent™	Tropic®				Serin®	Times Square®	Berwick®
	B/S	T375.X28	T186.508	T038.508				T064.508	T184.508	T430.508
	Shower	T372.X28	T186.507	T038.507				T064.507	T184.507	T430.507





Trim Kits for R110, R110SS, R115, R115SS, R117, R117SS rough valve bodies. TRIM KITS ONLY. VALVE MUST BE ORDERED SEPARATELY.

Trim Kit	Model # Description	Finishes	Roughing-In Dimensions
COLONY	T375.120 BATH/SHOWER Trim Kit Wall escutcheon Lever handle "Easy Clean" showerhead Shower arm and flange Metal slip-on diverter tub spout T375.240 SAME AS ABOVE With Metal lever handle T372.120 SHOWER ONLY Trim Kit Wall escutcheon Lever handle "Easy Clean" showerhead Shower arm and flange T372.240 SAME AS ABOVE With metal lever handle T371.120 VALVE ONLY Trim Kit Wall escutcheon Lever handle T371.120 VALVE ONLY Trim Kit Wall escutcheon Lever handle T371.240 SAME AS ABOVE With metal lever handle	.002 Polished Chrome	1-5/8° TO 3-1/4° (41 mm TO 83 mm) FINISHED WALL 4° REF. (102 mm) 74° FOR HEAD CLEARANCE (1880 mm) 18° OPTIONAL (457 mm) 1-1/2° (1880 mm) 1-1/2° 1-1/2° COPPER 4° (102 mm) TOP OF TUB RIM OF TUB
COLONY®	T375.128 BATH/SHOWER Trim Kit • Wall escutcheon • Lever handle • Water Saving FloWise® showerhead • Angle adjustable • Showerhead, arm and flange • Metal slip-on diverter tub spout T375.248 SAME AS ABOVE • Metal lever handle T372.128 BATH/SHOWER Trim Kit • Wall escutcheon • Lever handle • Water Saving FloWise® showerhead with arm and flange • Angle adjustable T372.248 SAME AS ABOVE • Metal lever handle 1.5 gpm/5.7 L/min. maximum flow rate	.002 Polished Chrome	1-5/8" TO 3-1/4" (41 mm TO 83 mm) FINISHED WALL 4" REF. (102 mm) 74" FOR HEAD (178 mm) 74" FOR HEAD (1880 mm) (152 mm) 18" OPTIONAL (457 mm) 1-1/2" (38 mm) 1-1/2" 1/2" COPPER 4" 1/2" COPPER TOP OF TUB RIM BOTTOM OF TUB

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Trim Kits for R110, R110SS, R115, R115SS, R117, R117SS rough valve bodies. TRIM KITS ONLY. VALVE MUST BE ORDERED SEPARATELY.

Trim Kit	Model # Description	Finishes	Roughing-In Dimensions
FLUENT™	T186.502 BATH/SHOWER Trim Kit • Metal lever handle • Brass wall escutcheon • Showerhead, arm and flange • Metal slip-on diverter tub spout	.002 Polished Chrome .224 Oil Rubbed Bronze .295 Satin Nickel (PVD)	FINISHED WALL 1/2" NPT (13 mm) 3-3/4" REF (95 mm) UOPTIONAL TO FINISHED
	T186.501 SHOWER ONLY Trim Kit • Metal lever handle • Brass wall escutcheon • Showerhead, arm and flange	.002 Polished Chrome .224 Oil Rubbed Bronze .295 Satin Nickel (PVD)	7-1/2" REF. (191 mm) FINISHED WALL "SEE ILLUSTRATION"
	T186.500 SHOWER ONLY Trim Kit • Metal lever handle • Brass wall escutcheon	.295 Polished Chrome .224 Oil Rubbed Bronze .295 Satin Nickel (PVD)	74" FOR HEAD CLEARANCE (1880 mm) 18" OPTIONAL (457 mm) 1-3/4" (44 mm) 1-3/2" (167 mm) REF.
E	2.5 gpm/9.5 L/min. maximum flow rate		TOP OF TUB RIM BOTTOM OF TUB
FLUENT™	T186.508 BATH/SHOWER Trim Kit Metal Lever handle Brass wall escutcheon Water Saving FloWise showerhead with arm and flange Metal slip-on diverter tub spout LESS valve	.002 Polished Chrome .224 Oil Rubbed Bronze .295 Satin Nickel (PVD)	FINISHED WALL 1/2" NPT (13 mm) 5" REF. (127 mm) 2-3/8" D. (60 mm) 1 OPTIONAL TO FINISHED FLOOR USUALLY
	T186.507 SHOWER ONLY Trim Kit • Metal lever handle • Brass wall escutcheon • Water Saving FloWise® showerhead with arm and flange • LESS Valve	.002 Polished Chrome .224 Oil Rubbed Bronze .295 Satin Nickel (PVD)	8-1/2" REF. (216 mm) FINISHED WALL "SEE ILLUSTRATION" 74" FOR HEAD CLEARANCE (1880 mm) 18" OPTIONAL (457 mm)
GREEN	2.0 gpm/7.6 L/min. maximum		(44 mm) 1/2" COPPER 4" (102 mm) 6-19/32* (167 mm) REF. TOP OF TUB RIM
E	flow rate		BOTTOM OF TUB



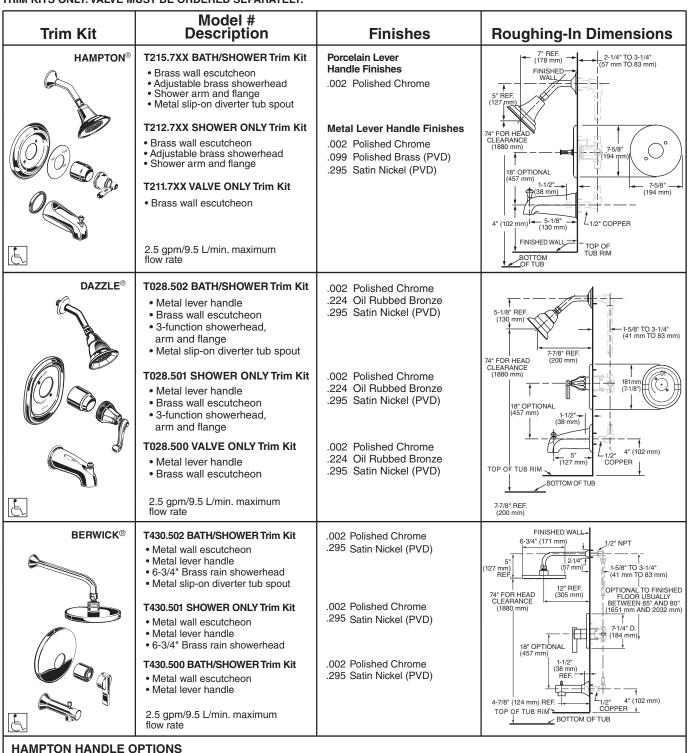
Trim Kits for R110, R110SS, R115, R115SS, R117, R117SS rough valve bodies. TRIM KITS ONLY. VALVE MUST BE ORDERED SEPARATELY.

Trim Kit	Model # Description	Finishes	Roughing-In Dimensions
TROPIC®	T038.502 BATH/SHOWER Trim Kit Metal lever handle Brass wall escutcheon Showerhead, arm and flange Metal slip-on diverter tub spout	.002 Polished Chrome .295 Satin Nickel (PVD)	3/4" TO 2-3/8" FINISHED WALL 1/2" NPT (13 mm) 4-1/4" REF. (108 mm)
	T038.501 SHOWER ONLY Trim Kit • Metal lever handle • Brass wall escutcheon • Showerhead, arm and flange	.002 Polished Chrome .295 Satin Nickel (PVD)	6° REF. (152 mm)
	T038.500 SHOWER ONLY Trim Kit • Metal lever handle • Brass wall escutcheon	.002 Polished Chrome .295 Satin Nickel (PVD)	1880 mm) 18" OPTIONAL (457 mm) 1-1/2" (194 mm) 7-5/8" (194 mm)
E	2.5 gpm/9.5 L/min. maximum flow rate		BOTTOM OF TUB
TROPIC®	T038.508 BATH/SHOWER Trim Kit • Metal Lever handle • Brass wall escutcheon • Water Saving FloWise® showerhead with arm and flange • Metal slip-on diverter tub spout • LESS valve	.002 Polished Chrome .295 Satin Nickel (PVD)	73/4" TO 2-3/8" FINISHED WALL 1/2" NPT (13 mm) 4-1/4" REF. (108 mm) 6" REF. (152 mm)
	T038.507 SHOWER ONLY Trim Kit • Metal lever handle • Brass wall escutcheon • Water Saving FloWise showerhead with arm and flange • LESS valve	.002 Polished Chrome .295 Satin Nickel (PVD)	74" FOR HEAD CLEARANCE (1880 mm) 18" OPTIONAL (457 mm) 1-1/2" (194 mm) 109 OF TUB RIM 100 OF TUB
GREEN	1.5 gpm/5.7 L/min. maximum flow rate		<u> </u>

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Trim Kits for R110, R110SS, R115, R115SS, R117, R117SS rough valve bodies. TRIM KITS ONLY. VALVE MUST BE ORDERED SEPARATELY.









Hampton available with choice of 2 handles. To order: specify the 3 digit handle number.

eg: T211.710 = Hampton Valve Only Trim Kit with Porcelain Lever Handle



Trim Kits for R110, R110SS, R115, R115SS, R117, R117SS rough valve bodies. TRIM KITS ONLY. VALVE MUST BE ORDERED SEPARATELY.

Trim Kit	Model # Description	Finishes	Roughing-In Dimensions
BERWICK®	T430.508 BATH/SHOWER Trim Kit • Metal wall escutcheon • Metal lever handle • Water Saving FloWise® 3-function showerhead • Metal slip-on diverter tub spout	.002 Polished Chrome .295 Satin Nickel (PVD)	FINISHED WALL 1-1/4" (32 mm) DIA. HOLE 1-1
	T430.507 SHOWER ONLY Trim Kit • Metal wall escutcheon • Metal lever handle • Water Saving FloWise 3-function showerhead	.002 Polished Chrome .295 Satin Nickel (PVD)	(215 mm) (1651 mm AND 2032 mm) 74" (1880 mm) FOR HEAD CLEARANCE 18" (457 mm) OPTIONAL (38 mm) REF. (1840 mm) 18" (457 mm) (1841 mm) (1841 mm) (1842 mm) (1842 mm)
GREEN	2.0 gpm/7.6 L/min. maximum flow rate		TOP OF TUB RIM BOTTOM OF TUB
TIMES SQUARE®	T184.502 BATH/SHOWER Trim Kit • Metal wall escutcheon • Metal lever handle • 8" Square brass rain showerhead • Metal slip-on diverter tub spout	.002 Polished Chrome .295 Satin Nickel (PVD)	1.5/8* TO 3.1/4* (41 mm TO 83 mm) 2.1/2* (65 mm) 2.1/2* NPT OPTIONAL TO FINISHED FLOOR USUALLY (81 mm SQ. + (165 mm) AND 2032 mm)
	T184.501 SHOWER ONLY Trim Kit • Metal wall escutcheon • Metal lever handle • 8" Square brass rain showerhead	.002 Polished Chrome .295 Satin Nickel (PVD)	→ 203 mm SQ. →
	T184.500 BATH/SHOWER Trim Kit • Metal wall escutcheon • Metal lever handle 2.5 gpm/9.5 L/min. maximum flow rate	.002 Polished Chrome .295 Satin Nickel (PVD)	18" OPTIONAL (457 mm) 4-3/4" REF. (121mm) 1/2" COPPER 4" (102 mm) 1/3/4" MIN. (44 mm) 1/4" COPPER 1/4" MIN.
TIMES SQUARE®	T184.508 BATH/SHOWER Trim Kit	.002 Polished Chrome	12" 1-5/8" TO 3-1/4" (41 mm TO 83 mm)
GREEN	Metal wall escutcheon Metal lever handle Water Saving 2-function showerhead with arm and flange Metal slip-on diverter tub spout T430.507 SHOWER ONLY Trim Kit Metal wall escutcheon Metal lever handle Water Saving 2-function showerhead with arm and flange	.295 Satin Nickel (PVD) .002 Polished Chrome .295 Satin Nickel (PVD)	2-3/8" D. 1/2" NPT OPTIONAL TO FINISHED FLOOR USUALLY OPTIONAL TO FINISHED FLOOR USUALLY (191 mm) FOR HEAD CLEARANCE 8-1/4" (210 mm) TOP OF 1/2" COPPER 1-3/4" MIN. (44 mm) TOP OF TUB RIM TOP OF TUB RIM (44 mm)
GREEN C C ®	2.0 gpm/7.6 L/min. maximum flow rate		BOTTOM OF TUB



Trim Kits for R110, R110SS, R115, R115SS, R117, R117SS rough valve bodies. **TRIM KITS ONLY. VALVE MUST BE ORDERED SEPARATELY.**

Tuine Vit	Model #	Finishee	Deughing In Dimensions
Trim Kit	Description	Finishes	Roughing-In Dimensions
TOWN SQUARE®	T555.502 BATH/SHOWER Trim Kit • Metal wall escutcheon • Metal lever handle • Cast brass shower arm • 4 1/2" Rain showerhead • Metal slip-on diverter tub spout	.002 Polished Chrome .224 Oil Rubbed Bronze .295 Satin Nickel (PVD)	FINISHED WALL 2" (51 mm) REF. (25 mm) 8"
	T555.501 SHOWER ONLY Trim Kit Metal wall escutcheon Metal lever handle Cast brass shower arm 4 1/2" Rain showerhead	.002 Polished Chrome .224 Oil Rubbed Bronze .295 Satin Nickel (PVD)	74" (1880 mm) FOR HEAD CLEARANCE 7-5/8" (194 mm) OPTIONAL P-7-1/4" REF—
	T555.500 VALVE ONLY Trim Kit • Metal wall escutcheon • Metal lever handle	.002 Polished Chrome .224 Oil Rubbed Bronze .295 Satin Nickel (PVD)	(184 mm) 7.5/8" (194 mm) (194 mm) (25 mm) 7 TO PO F 1/2" COPPER
E	2.5 gpm/9.5 L/min. maximum flow rate		BOTTOM OF TUB
SERIN®	T064.502 BATH/SHOWER Trim Kit Brass wall escutcheon Adjustable 3-function showerhead Metal slip-on diverter tub spout	.002 Polished Chrome .295 Satin Nickel (PVD)	FINISHED WALL 1-5/8* TO 3-1/4* WALL (41 mm TO 83 mm)
	T064.501 SHOWER ONLY Trim Kit Brass wall escutcheon Adjustable 3-function showerhead	.002 Polished Chrome .295 Satin Nickel (PVD)	74" (1880 mm) FOR HEAD CLEARANCE
	T064.500 VALVE ONLY Trim Kit • Brass wall escutcheon	.002 Polished Chrome .295 Satin Nickel (PVD)	1-1/2* REF. (38 mm) TOP OF TUB RIM. (124 mm) COPPER COPPER
E	2.5 gpm/9.5 L/min. maximum flow rate		BOTTOM OF TUB
SERIN®	T064.508 BATH/SHOWER Trim Kit Brass wall escutcheon Water Saving FloWise 3-function showerhead Metal slip-on diverter tub spout	.002 Polished Chrome .295 Satin Nickel (PVD)	4-7/8" FINISHED WALL 1/2" NPT REF. 1-5/8" TO 3-1/4"
	T064.507 SHOWER ONLY Trim Kit Brass wall escutcheon Water Saving FloWise® 3-function showerhead	.002 Polished Chrome .295 Satin Nickel (PVD)	74 (1880 mm) (215 mm) (41 mm TO 83 mm) (41 mm TO 83 mm) (215 mm) (
GREEN UTC	2.0 gpm/7.6 L/min. maximum flow rate		BOTTOM OF TUB