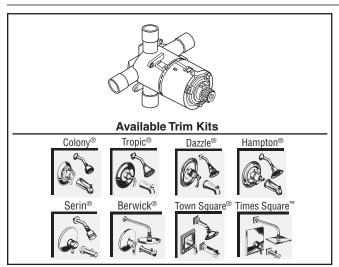


UPGRADABLE

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 direct sweat. threaded, or PEX). 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

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:

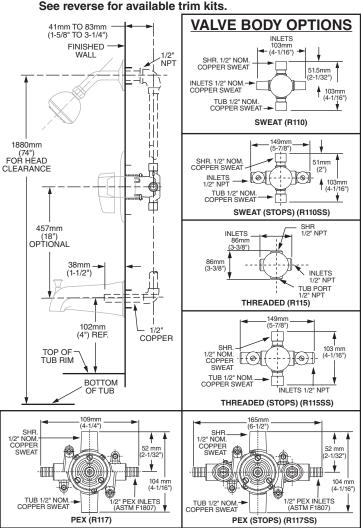
- R110 Pressure Balance Rough Valve Body only Direct sweat inlets/outlets. LESS trim.
- R110SS Pressure Balance Rough Valve Body only with Screwdriver stops
 Direct sweat inlets/outlets. Screwdriver stops. LESS trim.
- R115 Pressure Balance Rough Valve Body only Female thread inlets/outlets. LESS trim.
- 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/Direct sweat outlets. LESS trim.

R117SS Pressure Balance Rough Valve Body only with Screwdriver stops

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

See reverse for available trim kits.



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 #



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PRESSURE BALANCE BATH/SHOWER FITTING

TEMPERATURE CONTROL VALVE

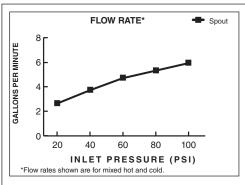
Valve + Trim: Trim Kit & Valve Body Packaged Separately

To order: Specify valve body and trim kit desired

Example: R110 - Direct Sweat Valve Body

T215.710 - Hampton Bath/Shower Trim Kit (Porcelain Lever Handle)

40						
ш	R110	R110SS	R115	R115SS	R117	R117SS
VALVES	Direct Sweat Inlets/ Outlets	Direct Sweat Inlets/Outlets w/ Screwdriver Stops	Female Thread Inlets/ Outlets	Female Thread Inlets/Outlets w/ Screwdriver Stops	PEX Inlets/Direct Sweat Outlets	PEX Inlets/Direct Sweat Outlets w/ Screwdriver Stops



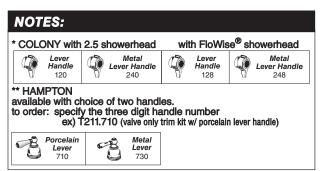
CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ASSE 1016 ASME A112.18.1 CSA B 125

• Showerhead with 2.5gpm/9.5L.min. flow restrictor.

		Colony®*	Tropic®	Dazzle®	Hampton®***	Town Square®	Serin [®]	Times Square™	Berwick®
TRIM KITS									
∑	B/S	T375.XXX	T038.502	T028.502	T215.7XX	T555.502	T064.502	T184.502	T430.502
Ë	Shower	T372.XXX	T038.501	T028.501	T212.7XX	T555.501	T064.501	T184.501	T430.501
	Valve	T371.XXX	T038.500	T028.500	T211.7XX	T555.500	T064.500	T184.500	T430.500
	'	Colony®	Tropic®				Serin [®]	Times Square [™]	Berwick®
	Engle EPA CHE LEVEL 1940 No.								
	B/S	T375.X28	T038.508				T064.508	T184.508	T430.508
	Shower	T372.X28	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	## 178mm (1-5/8" TO 3-1/4") ## 102mm (4") REF. (6-3/4") ## 178mm (1-1/2") ## 178mm (6-3/4") ## 178mm (1-1/2") ## 178mm (6-3/4") ## 178mm (1-1/2") ## 178mm (1-
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	.002 Polished Chrome	178mm (1-5/8" TO 3-1/4") 102mm (4") REF. (6-3/4") 178mm (6-3/4") 179mm (6-3/4") 179mm (6-3/4") 179mm (6-3/4") 170p OF TUB RIM 170p OF TUB RIM

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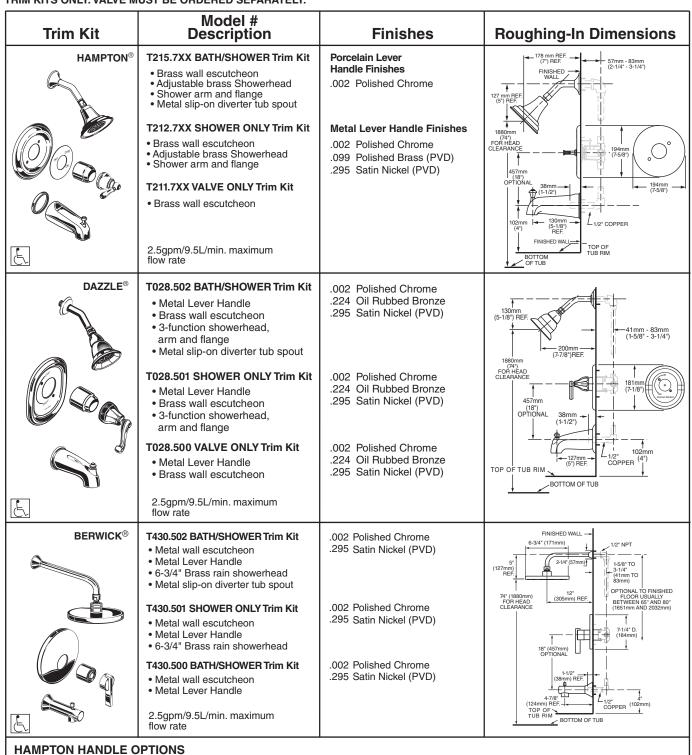


Trim Kits for R110, R110SS, R115, R115SS, R117, R117SS rough valve bodies. **TRIM KITS ONLY. VALVE MUST BE ORDERED SEPARATELY.**

	MICAGL #		
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)	19mm to 60mm (3/4" to 2-3/8") 1/2" NPT 108mm (4-1/4") REF.
	T038.501 SHOWER ONLY Trim Kit • Metal Lever handle • Brass wall escutcheon • Showerhead, arm and flange	.002 Polished Chrome .295 Satin Nickel (PVD)	152mm (6°) REF.
	T038.500 SHOWER ONLY Trim Kit • Metal Lever handle • Brass wall escutcheon	.002 Polished Chrome .295 Satin Nickel (PVD)	194mm (7-5/8") 457mm (18") OPTIONAL 130mm (7-5/8") 130mm (4") TOP OF TUB RIM
	2.5gpm/9.5L/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)	19mm to 60mm (3/4" to 2-3/6") 11/2" NPT 108mm (4-1/4") REF (6") REF
	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 194mm (7.5/8°) OPTIONAL 38mm (11/2°) 194mm (7.5/8°*) TOP OF TUB RIM (4") DOTTOM OF TUB
GREEN	1.5gpm/5.7L/min. maximum flow rate		<u>, , , , , , , , , , , , , , , , , , , </u>



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)	32mm (1-1/4") DIA. HOLE 1/2" NPT 124mm (4-7/8") 1-5/8" TO (4-7/8") 1-5/8" TO (4-3/4") 1-5/8" TO (32mm) (4-3/4") 1-5/8" TO (3-3/4")	
	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)	74" (1880mm) FOR HEAD CLEARANCE 118" (457mm) OPTIONAL 1-1/2" (38mm) REF. (124mm) RE	
GREEN S.	2.0gpm/736L/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) (12*) 102mm (4*) 172* NPT 172* NPT OPTIONAL TO FINISHED FLOOR USUALLY	
	T184.501 SHOWER ONLY Trim Kit • Metal wall escutcheon • Metal Lever Handle • 8" Square brass rain showerhead	.002 Polished Chrome .295 Satin Nickel (PVD)	FINISHED WALL 74" FOR HEAD CLEARANCE (188 cm) 8-1/4" (210 mm) EETWEEN 65" (165 mm) AND 80" (1880mm) FINISHED WALL FINISHED	
	T184.500 BATH/SHOWER Trim Kit • Metal wall escutcheon • Metal Lever Handle 2.5gpm/9.5L/min. maximum flow rate	.002 Polished Chrome .295 Satin Nickel (PVD)	18' OPTIONAL (457mm) 4-3/4' REF. (121mm) 1/2' COPPER 4' (102 mm) 1/2' TUB RIM (44 mm) N. (44 mm) N.	
TIMES SQUARETM	T184.508 BATH/SHOWER Trim Kit • Metal wall escutcheon • Metal Lever Handle • Water Saving 2-function showerhead with arm and flange • Metal slip-on diverter tub spout	.002 Polished Chrome .295 Satin Nickel (PVD)	305mm (41 mm TO 83 mm) (12") (41 mm TO 83 mm) (12") (2-3-6" t) 1/2" NPT (4-1/2") (2-3-6" t) 1/2" NPT (50 mt SUALLY FLOOR USUALLY	
	T430.507 SHOWER ONLY Trim Kit Metal wall escutcheon Metal Lever Handle Water Saving 2-function showerhead with arm and flange	.002 Polished Chrome .295 Satin Nickel (PVD)	FINISHED WALL 74* FOR HEAD CLEARANCE (188 cm) 8-1/4* (210 mm) 4-3/4* REF. (121 mm) 1/2* COPPER 4* (102 mm) 170 PG 170	
GREEN	2.0gpm/7.6L/min. maximum flow rate		TUB RIM 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	
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 (1-5/8* TO 3-1/4*) 25mm (1*) (2) REF (1*)	
	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)	203mm 1880mm (8') REF. (74') FOR HEAD CLEARANCE 194mm (7-5/8') OPTIONAL 184mm 194mm 194mm 194mm	
	T555.500 VALVE ONLY Trim Kit • Metal wall escutcheon • Metal lever handle	.002 Polished Chrome .224 Oil Rubbed Bronze .295 Satin Nickel (PVD)	(4 ¹) ₁ / TOP OF 1/2" COPPER (4 ¹) ₁ / TOP RIM	
E	2.5gpm/9.5L/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 41mm to 83mm (1-5/8" TO 3-1/4") WALL 1/2" NPT (5-5/8") REF.	
	T064.501 SHOWER ONLY Trim Kit Brass wall escutcheon Adjustable "3 function" showerhead	.002 Polished Chrome .295 Satin Nickel (PVD)	206mm (8-1/8") REF 1880mm (74") FOR HEAD CLEARANCE 184mm (7-1/4" DIA.)	
	T064.500 VALVE ONLY Trim Kit • Brass wall escutcheon	.002 Polished Chrome .295 Satin Nickel (PVD)	457 (18") OPTIONAL 38mm (1-1/2" REF.) TOP OF 102mm TOP OF 1/2" (4") TUB RIMS REF. COPPER	
E	2.5gpm/9.5L/min. maximum flow rate		TUB RIM REF. COPPER ↓ 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)	124mm FINISHED 32mm (1-1/4") DIA. HOLE (4-7/8") HEE. 1/2" NPT	
	T064.507 SHOWER ONLY Trim Kit Brass wall escutcheon Water Saving FloWise 3-function showerhead	.002 Polished Chrome .295 Satin Nickel (PVD)	1880mm (4-3/4") 1880mm (8-1/2") 1880mm (8-1/2") 1880mm (1-5/8" TO 3-1/4") 1880mm (1-5/8" TO 3-1/4") 1880mm (1-5/8" TO 3-1/4") 1880mm (1-1/2" REF) 184mm (1-1/2" REF)	
GREEN	2.0gpm/7.6L/min. maximum flow rate		TOP OF (4-7/8") + (1/2" (4") TUB RIM REF. (4") BOTTOM OF TUB	