

VALVES AND CARTRIDGES CATALOG

Premium Valving Technology Since 1986

Effective November 19, 2023

Telephone: 800-280-4053

sigmafaucetparts.com Email: support@sigmafaucetparts.com

Premium Valving Technology

Since 1986

State-of-the-Art American, German, French, Italian, and Hungarian Components

Our premium thermostatic valves are engineered to the highest standards for precise temperature control, performance, comfort, and safety. Our industry-leading valves exceed uniform plumbing codes, are ICC-ES and CSA B125 certified, and UPC listed in USA and Canada.

Our proprietary thermostatic valving brands are Sigmatherm®, Eurotherm®, Simply Safe®, E-Mini, and Butler Mill and Brassworks.®

We design and specify our valving, then partner with the finest technical manufacturers in Europe and USA. Our faucets utilize premium valves and cartridges from these leading brands.



France

Performance

- Unleaded lavatory sets that exceed NSF 61-9 sanitary standards and California Title 54 requirements.
- Certified and listed by ICC
- Exposed thermostatic systems in all sizes.
- Solid brass construction is the foundation our faucets are built upon.
- Valves are machined in the United States of America using CNC computer-driven lathes and mills.
- State of the art 1/4" turn ceramic disc cartridges with lifetime warranty.
- World's finest thermostatic systems 1/2", 3/4", 1 1/4", 1 1/2" and 2" sizes for residential; 2", 3", 4" and 6" for commercial.
- 1/2" and 3/4" thermostatic valves have the highest flow rates in the world: dual exit 1/2" at 15 gpm, dual exit 3/4" at 32 gpm.

Operating Information

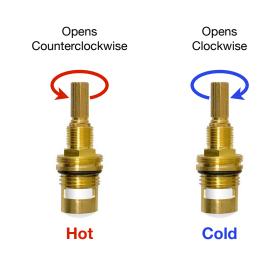
16 Versus 20 Point Valves and Parts

Our valves, cartridges, and related parts are offered with 16 and 20 points (ridges, grooves, or splines). The number of points of a cartridge or stem must equal the number of points in the faucet handle, so they fit together.



Hot Versus Cold Volume Control Cartridges

A hot volume control cartridge is the same as a cold volume control cartridge, except that it opens in the opposite direction. A hot cartridge opens or turns on the water by moving in the counter-clockwise direction. A cold cartridge opens or turns on the water by moving in the clockwise direction.



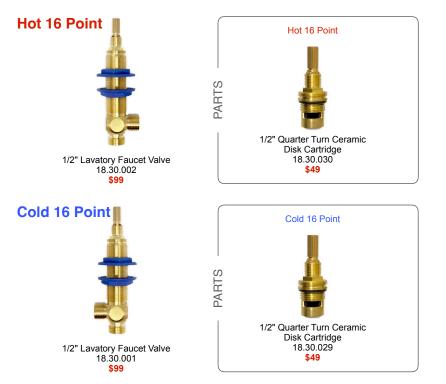


Lavatory Faucet Valves

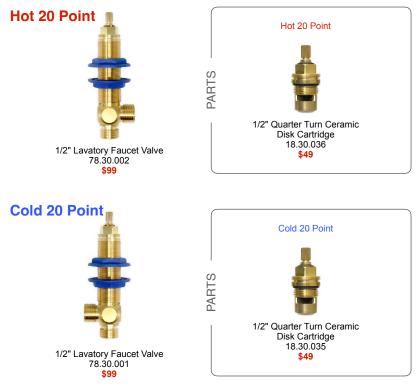
Since 1992



1/2" Lavatory Faucet Valve 16 Point



1/2" Lavatory Faucet Valve 20 Point



Roman Tub Valves



Since 1996



3/4" Roman Tub Valve 16 Point



3/4" Roman Tub Valve 20 Point





1/2" Lavatory In-Wall Corner Valves

Forged brass bodies made in Germany

Since 2000



16 Point





20 Point



1/2" In-Wall Corner Valve Rough Kit 20 Point 78.30.024 **\$325**

			Hot 20 Point	Cold 20 Point	Kit B 20 Point
PARTS	6-		ê	ê	.
	1/2" In-Wall Hot Corner Valve 20 Point 78.30.022 \$175	1/2" In-Wall Cold Corner Valve 20 Point 78.30.021 \$175	1/2" Quarter Turn Ceramic Disk Cartridge 18.30.036 \$49	1/2" Quarter Turn Ceramic Disk Cartridge 18.30.035 \$49	Stem Extension and All Thread Tube Kit 18.30.897 \$49



Shut-Off Valves

Powered by Flühs (Forged brass bodies made in Germany)

Since 2000



1/2" Shut-Off Valves for Shower and Tub Systems (7 gpm)



3/4" Shut-Off Valves for High Flow Shower and Tub Systems (12 gpm)



Standard 2-Way In-Wall Diverter Valve

Since 2018

3-Port 2-Way Diverter Valve with Positive Shut-Off





Motion 33 Series 2-Way Diverter with Positive Shut-Off Code approved in California

(Operates 2 independent exits)





Motion 33 Series 3-Way Diverter with Positive Shut-Off Code approved in California (Operates up to 3 independent exits separately, but not simultaneously.)



3-Way and 5-Way In-wall Diverter Valves

Motion 33 Series Diverter with Positive Shut-Off Not code approved in California (5-way position cartridge, 3 independent exits, and 2 merged exits)



Non-Rising Stem 1" Compression Shut-Off **Valves for High Flow Thermostatic Valves**

Machined Brass Bar Stock Since 1992 20 gpm

16 Point



Diverter 2 Way Roman Tub Valves

Since 2000



USA



Roman Tub Transfer Valve R30.005 \$179



PARTS \$229

Since 2009

CANADA



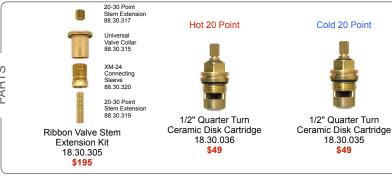
Ribbon Series 1/2" Lavatory In-Wall Corner Valves

From 2006 to 2020



Ribbon 1/2" Corner Valves





Ribbon 1/2" In-Line Shut-Off



Ribbon 3/4" In-Line Shut-Off





Ribbon Series 1/2" Lavatory Valves

From 2006 to 2020



Ribbon 1/2" Lavatory Valves



Ribbon 3/4" Roman Tub Valves



Shut-Off Valves

Sold Machined Brass Since 1992



2 Valve Rough







Ceramic Disk Cartridge 18.30.036 \$49



1/2" Quarter Turn Ceramic Disk Cartridge 18.30.035 \$49



3 Valve Rough

16 Point



1/2" Eurotherm® Thermostatic Shower Valves

Up to 15 gpm Both Ends Open European Forged Brass Bodies Since 1996

No Volume Control



1/2" Thermostatic Shower Valve No Volume Control 18.30.078 \$469

One Volume Control



1/2" Thermostatic Shower Valve One Volume Control 18.30.076 \$539

Two Volume Controls





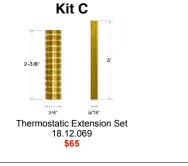
Thermostatic Cartridge Since 1992 18.30.082 \$219

PARTS

PARTS

PARTS







FRANCE

Eurotherm® 1/2" Full-Flow Thermostatic Cartridge Since 1992 18.30.082 \$219

Eurotherm® 1/2" Full-Flow

Thermostatic Cartridge

Since 1992 18.30.082

\$219

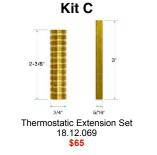


\$49

1/2" Quarter Turn Ceramic Disk Cartridge 18.30.036



Spring Shut-Off Check Valve (2 per Valve) 18.30.181 \$89



Kit C

Hot 20 Point Hot 20 Point 1/2" Quarter Turn Ceramic Disk Cartridge 18.30.036 \$49 \$89 Hot 20 Point Disk Cartridge 18.30.181 \$89 Hot 20 Point Disk Cartridge 18.30.181 Strips Shut-Off Check Valve (2 per Valve) 18.30.181 Strips Shut-Off Strips Shut-Off Check Valve (2 per Valve) Strips Shut-Off Check Valve (2 per Valve) Strips Shut-Off Strips Shut-Off Strips Shut-Off Check Valve Strips Shut-Off Strip

One Volume Control (for Imperial Plate)





New Sigmatherm® Multi-Function Thermostatic Shower Valves with 2-Way, 3-Way, and 5-Way Diverter Valves

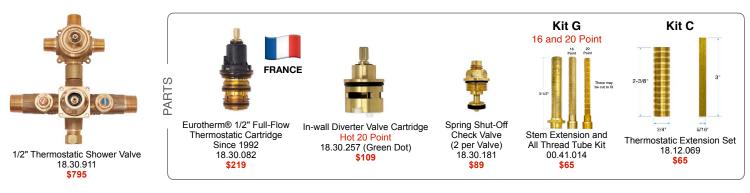
Thermostatic Shower Valve with 2-Way Diverter Valve with Positive Shut Off

Code approved in California



Thermostatic Shower Valve with 3-Way Diverter Valve with Positive Shut Off

Code approved in California



Thermostatic Shower Valve with 5-Way Diverter Valve with Positive Shut Off

Not code approved in California



High-Flow Eurotherm® Thermostatic Valves

Made in France Since 1945



3/4" Eurotherm® Thermostatic Shower Valves (up to 32 gpm both ends open)

High water flow: up to 32 gallons per minute at a water pressure of 65 pounds per square inch. Lower water flow with restriction: up to 16 gallons per minute at a water pressure of 65 pounds per square inch When both top and bottom exits are open. Valve is designed to run multiple exits at the same time.

Single or Dual Exits (Residential/Semi Commerical)



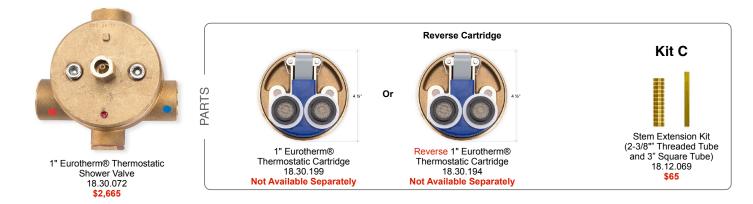
Single or Dual Exits with Shut-Offs (Residential only)



1" Eurotherm® Thermostatic Shower Valve (20 gpm)

High water flow: up to 32 gallons per minute at a water pressure of 65 pounds per square inch. Lower water flow with restriction: up to 20 gallons per minute at a water pressure of 65 pounds per square inch. The bottom plug exists to flush a shower system for winterizing a summer home that is expected to be vacant through the cold winter season.

Single Exit (single exit only, no bottom exit), Bottom Plug Supplied



New and Improved

Engineered Thermostatic Shower Valves

Low Flow Rate Green Water Saver Valves 3-4 gpm Forged Brass Bodies Effective August 8, 2021



E-Mini Thermostatic Valves with Positive Diverter/Shut-Off Cartridge

Replacement for 18.30.291 and 18.30.292



E-Mini Thermostatic Valve 18.30.901 **\$499**

Includes both 16 and 20 point stem extensions



Pressure Balance Shower Valves

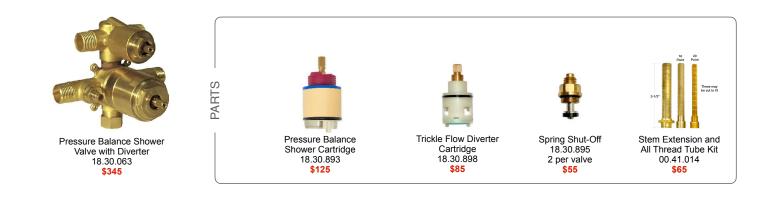
Pressure Balance Shower Valve

Since 2008



Pressure Balance Shower Valve with 2-Way Diverter

Since 2008

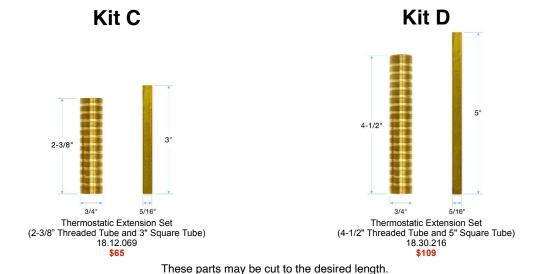


Regular Stem Extension and All-Thread Tube Kits



These parts may be cut to the desired length.

Thermostatic Threaded Tube and Square Tube Kits



Extensions for Stem Extensions





Stem Extension 78.30.049 **\$59**

Additional Valves and Cartridges

Ceramic Disc Cartridge



Thermostatic Cartridges

1/2" Exposed Thermostatic Shower System



3/4" Exposed Thermostatic Shower System



DISCONTINUED VALVES

Replacement Parts Available

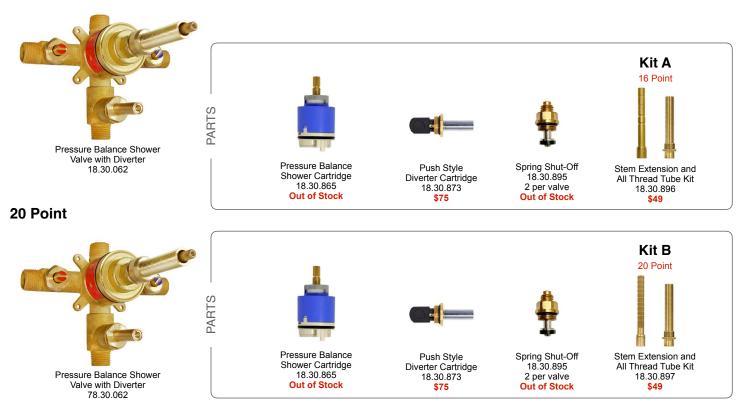
Pressure Balance Shower Valves

1/2" Single Control Shower Pressure Balance Valve

From 1999 to 2008



1/2" Single Control Tub and Shower Pressure Balance Valve From 1999 to 2008 16 Point



Pressure Balance Shower Valve

Pressure Balance Tub/Shower Valve

PARTS

Since 2008



Pressure Balance Shower Valve with Diverter 18.30.062



Pull Type Diverter Cartridge 18.30.894

\$75



Spring Shut-Off 18.30.895 2 per valve \$55



Thermostatic Shower Valves

Low Flow Rate Green Water Saver Valves 3-4 gpm European Forged Brass Bodies



E-Mini Thermostatic Valves with Positive Shut-Offs

Discontinued August 1, 2021

One Volume Control



E-Mini Thermostatic Valve with One Volume Control Positive Shut-Off 18.30.291



E-Mini Thermostatic Valves with Positive Shut-Off Two-Way Diverter

Discontinued August 1, 2021

No Volume Control



E-Mini Thermostatic Valve with No Volume Control and with Positive Shut-Offs 18.30.292



Thermostatic Valve

1/2" Simply Safe® Thermostatic Valve

From 2000 to 2008



1/2" In-Wall Diverters

Since 2004

1/2" In-Wall 2-Way Diverter with Shut-Off

16 Point



1/2" In-Wall 2-Way Diverter with Shut-Off



DISCONTINUED VALVES (REPLACEMENT PARTS AVAILABLE)

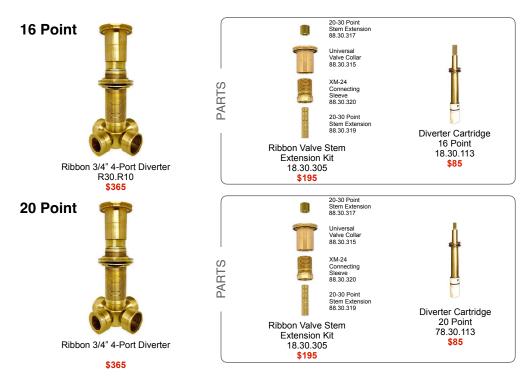
Standard 2-Way In-Wall Diverter Valve

3-Port 2-Way Diverter with No Shut-Off



4-Port Diverter Valve

Ribbon 3/4" 4-Port Diverter





DISCONTINUED VALVES (REPLACEMENT PARTS AVAILABLE)

1/2" In-Wall Diverters

From 1992 to 2012



1/2" 3-Port In-wall Diverter



1/2" 3-Port In-wall Diverter

20 Point



Additional Valves and Cartridges



4-Port Deck Diverter Valve and Cartridge 16 Point 18.30.025 **\$295**



4-Port Deck Diverter Valve Cartridge 16 Point 18.30.113 \$55