

Product Specification

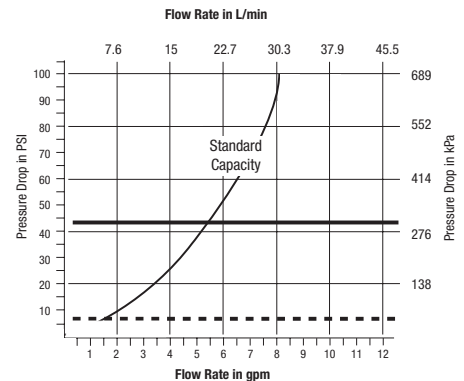
Description ■

Concealed thermostatic water mixing valve for use on shower and tub/shower installations. Powerful advanced thermal actuator compensates for both temperature and pressure fluctuations. A built-in adjustable metal-to-metal temperature limit stop reduces chances of accidental scalding due to over adjustment of handle. Heavy cast-brass body, integral checkstops, durable brass faceplate, lever-type handle, and corrosion-resistant material ensure years of trouble-free service. See reverse for complete specification codes for valve and additional accessories.



Specifications, Dimensions and Flow Rate Curve ■

Connections	1/2" NPT Inlets/Outlets & 1/2" Sweat Inlets/Outlets
Capacity	5.0 gpm [19.0 L/min]* (±.25 gpm [.90 L/min])
Checkstops	Integral to Casting
Maximum Hot Water Supply Temperature	190°F [88°C]
Minimum Hot Water Supply Temperature.....	10°F [6°C] above set point
Maximum Operating Pressure.....	125 psig [862 kPa]
Temperature Ranges:	
ASSE 1016 Type T	65-115°F [18-46°C]
ASSE 1016 Type T/P.....	90-110°F [32-43°C]
Temperature Limit Stop.....	Adjustable* (factory set at 110°F [43°C])
Maximum Static Pressure	125 psig [862 kPa]
Minimum Flow	1 gpm [3.79 L/min]
Certification	CSA B125
Listed	ASSE 1016 Type T/P
Shipping Weight	5 lbs. [2.3 kg]

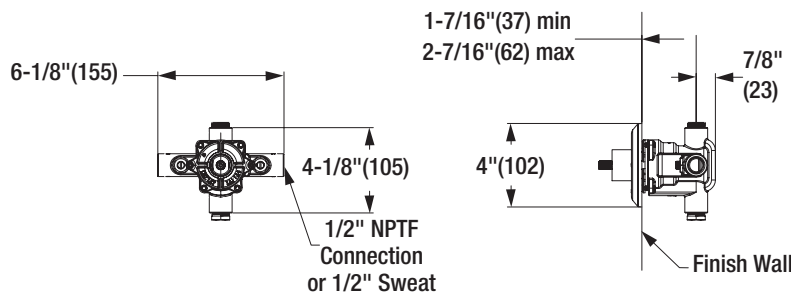


All Hydroguard Series e420 thermostatic mixing valves meet above performance specifications based on typical operating conditions as stated in ASSE 1016 (45 psi pressure differential, hot water supply between 140°–180°F [60–82°C], cold water supply less than 70°F [21°C]).

If your operating conditions vary from those stated in the standard, performance may vary as well. Consult your local sales representative or a Powers factory engineer to discuss your specific application. All Powers thermostatic mixing valves perform to the requirements of standards ASSE 1016 and CSA B125.

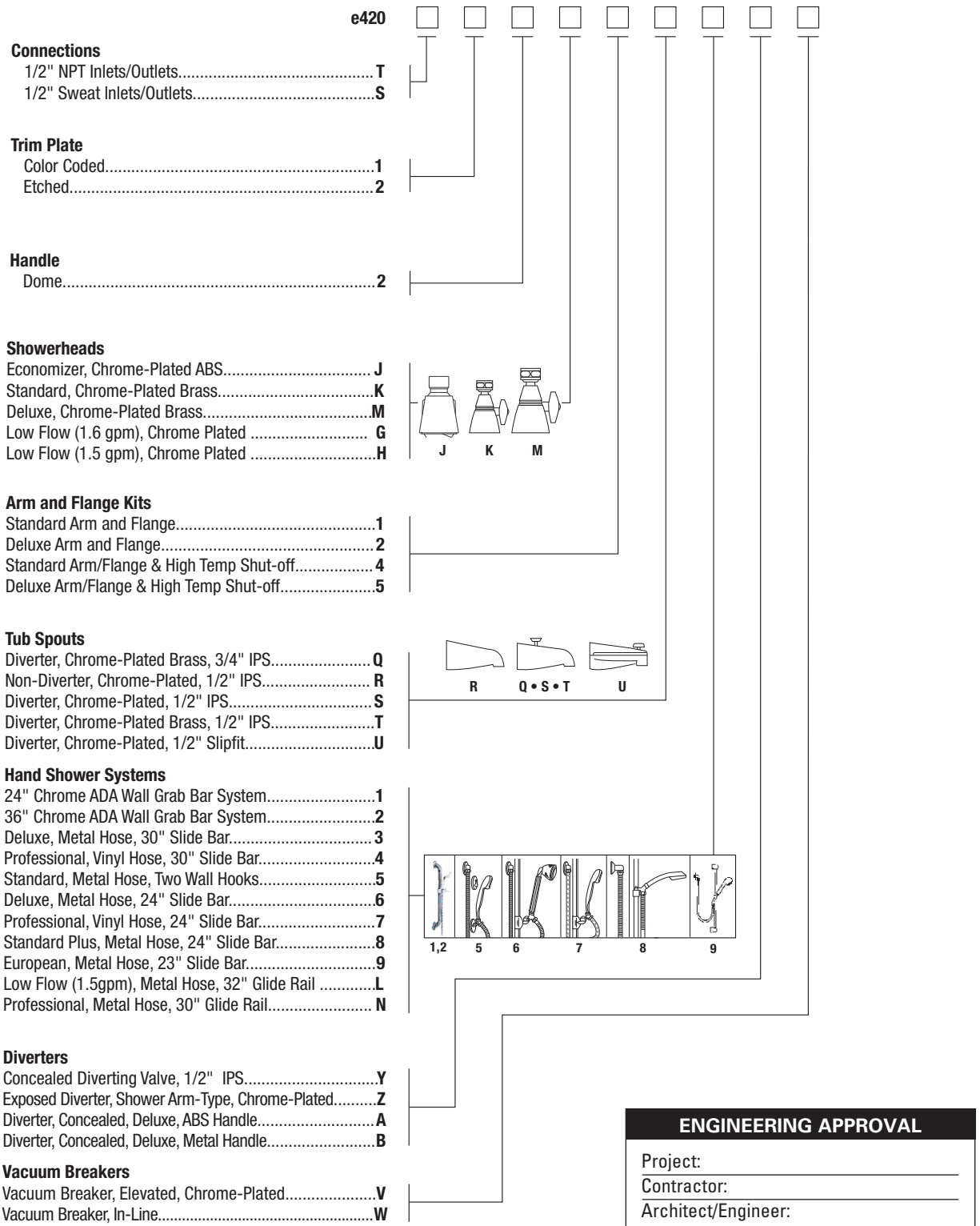
* At 45 psi differential [310 kPa], with hot water supply between 140°–180°F [60–82°C].

e420 Rough-in Dimensions



Dimensions are in inches and millimeters

Dimensions ■



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