

HydroGuard® Series e420 - Thermostatic Mixing Valves Model e423 (3-port)

Product Specification

Description ■

Exposed thermostatic water mixing valve for use on shower and other installations. Powerful advanced thermal actuator compensates for both temperature and pressure fluctuations. A built-in adjustable temperature limit stop reduces chances of accidental scalding due to overadjustment of handle. Heavy cast-brass body, polish chrome-plated, lever-type handle and corrosion-resistant material ensure years of trouble-free service. See reverse for complete specification codes for valve and additional accessories.



Model e423320

Specifications ■

Connections	
Type e423	1/2" NPT Inlets and 1/2" NPT Top Outlet
Capacity (without checkstops)	5.25 gpm [19.9 L/min]* (±0.25 gpm [0.95 L/min])
Maximum Hot Water Supply Temperature	190°F (88°C)
Minimum Hot Water Supply Temperature	5°F (14°C) Above Set Point (not applicable to low temperature hot water valves)
Maximum Operating Pressure	125psig [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	125psig [862 kPa]
Certification	CSA B125
Compliance	ASSE 1016 T/P
Shipping Weight	5 lbs. [2.3 kg]

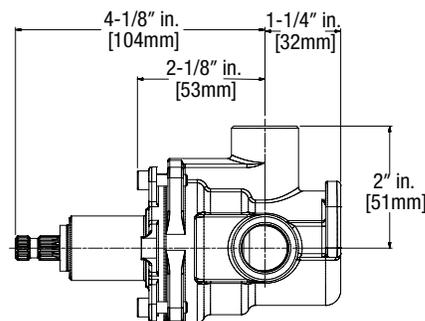
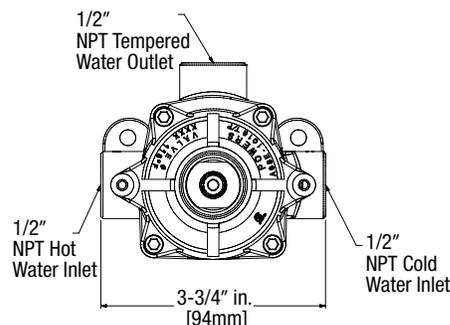
All HydroGuard® Series e420 thermostatic mixing valves meet above performance specifications based on typical operating conditions as stated in ASSE 1016 (45psi pressure differential, hot water supply between 140°-180°F [60-82°C], cold water supply less than 70°F [21°C]).

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 T/P and CSA B125.

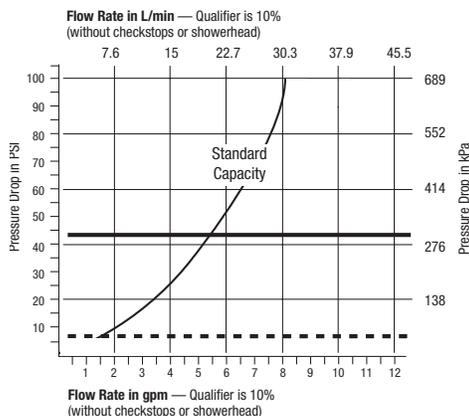
* At 45 psi differential [310 kPa], with hot water supply between 140°-180°F [60-82°C]. 50/50 mix.

Dimensions ■

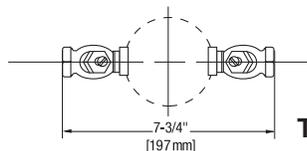
e423



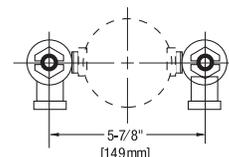
Flow Rate Curves & Checkstops ■



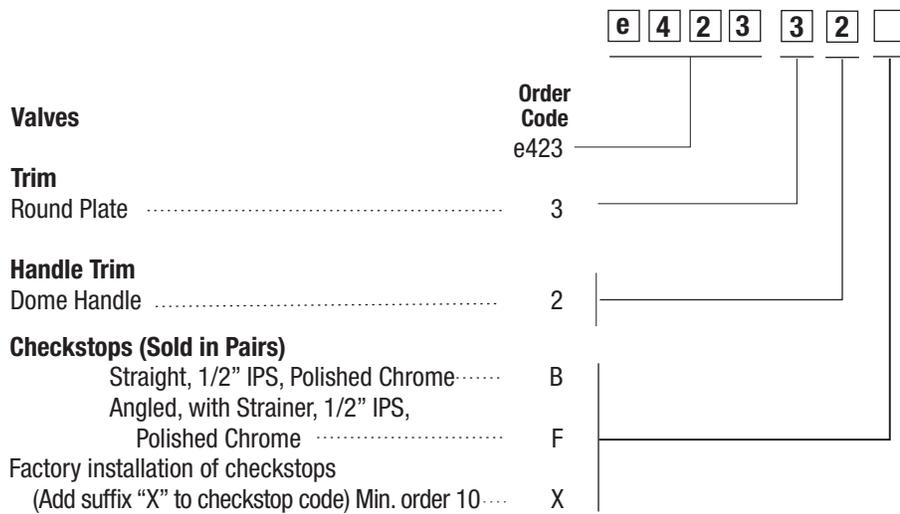
Type B



Type F



How To Specify: Type e423 Valve ■



ENGINEERING APPROVAL	
Project:	_____
Contractor:	_____
Architect/Engineer:	_____

POWERS™

A Watts Water Technologies Company



ISO 9001-2000
CERTIFIED