

EMERGENCY MIXING VALVE

NAVIGATOR EFX25

Art. no. 755 9752

The Navigator® emergency thermostatic mixing valves provide tepid water (15.5°–37.7°C) by mixing cold and hot water to a predetermined temperature. Tepid water encourages injured workers to remain beneath the deluge of water released from the emergency fixture, for the entire ANSI required 15-minute flush. ANSI Z358.1-1998 first required tepid water and the 2004 standard outlined that definition of the temperature range in its appendix. Each Navigator Emergency TMV features a fixed cold-water bypass that will allow cold water to flow should the hot water exceed the predetermined temperature reflecting Bradley's commitment to customers, quality and its dedication to manufacturing quality products that protect your employees.

- Exceeds ANSI Z358.1
- Integral Strainer Checkstops on Inlets
- Adjustable Set Point within Temperature Range
- Built-in Cold Water Bypass, Assuring Cold Flow
- Positive Shutoff of Hot Supply When Cold Supply is Lost
- Easy Installation and Serviceability
- Dirt and Lime Resistant
- Dial Thermometer
- Factory Assembled and Tested
- Universal Mounting Capability



Valve Specifications

Maximum Operating Pressure

860 kPA

Maximum Inlet Temperature

82°C

Recommended Inlet Temperature

49°C – 60°C

Temperature Range

Std. 18°C to 32°C

Set Point

29°C

Dimensions

Model	A	B	C	D	E	F	G	H	X	Y	Z ^{NPT}
EFX25	178	51	84	119	203	356	79	234	3/4"	1"	3/4"
EFX60	224	64	89	135	312	483	91	290	1"	1-1/4"	3/4"

Flow Capacities - L/min.

Model	Min. Flow	Pressure Drop – Bar						
		0.5	1.0	1.5	2.0	2.5	3.0	4.0
EFX25	11.5	29.0	46.0	60.0	72.0	83.5	96.5	113.5
Minimum cold water bypass at 2.5 bar pressure drop: 35 lit/min								
EFX60	7.5	99.5	141.0	172.5	199.0	222.5	244.0	281.5
Cold Bypass Only		76.3	108.0	132.0	152.5	170.5	187.0	216.0

