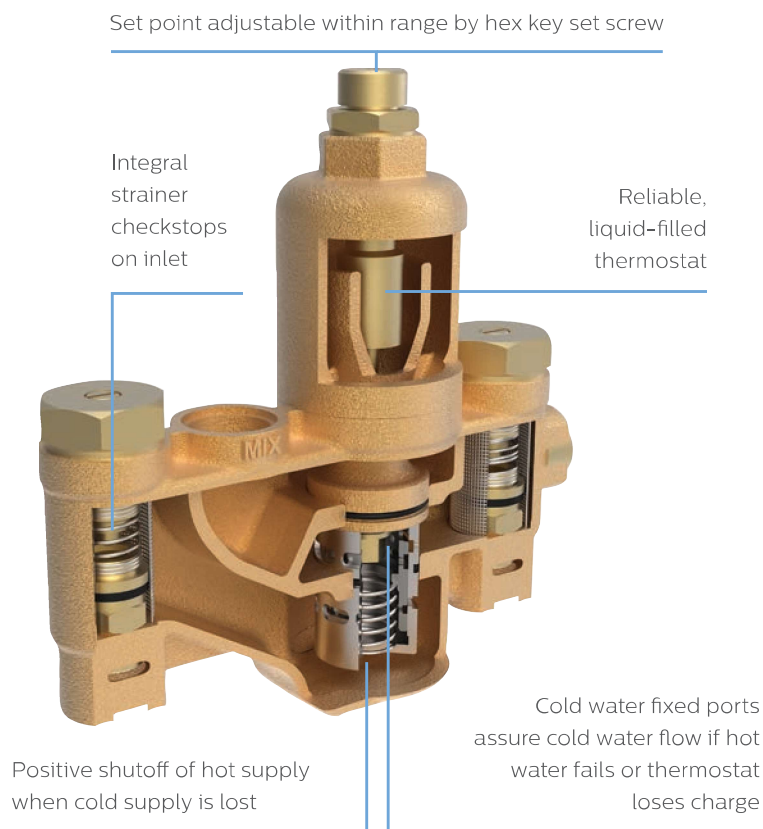


Emergency Mixing Valves

THE 15-MINUTE RULE: The current ANSI standard calls for emergency eyewash and drench showers to deliver tepid water for 15 minutes. This assures that a user won't be subjected to very cold water and possibly hypothermia or very hot scalding water and possibly skin burns. Therefore, a thermostatic mixing valve is needed to mix incoming hot and cold water to a tepid temperature. Navigator EFX valves are designed for this very purpose.

Key Features

- ASSE 1071 certified
- Meet ANSI Z358.1 requirements
- Accurate temperature control to within +/- 3°F
- Adjustable set point temperature range 65°F to 95°F (18°C to 35°C). Factory set point is 85°F (29°C)
- Cold water fixed ports assure cold water flow
- Universal mounting capability
- Maximum operating pressure of 125 psi (860 kPa)
- Maximum inlet temperature of 180°F (82°C) with recommended inlet temperature of 120°F to 140°F (49°C to 60°C)
- 10-year warranty on liquid-filled thermostat
- See technical data for available configurations



Flow Capacities GPM (L-Min)

Model	Minimum Flow	Pressure Drop — psi (bar)						
		5 (0.5)	10 (1.0)	15 (1.5)	20 (2.0)	30 (2.5)	45 (3.0)	60 (4.0)
EFX125	3.0 (11.5)	33.5 (153.0)	47.5 (216.3)	58.0 (265.0)	67.0 (306.0)	82.0 (342.0)	100.5 (374.5)	116.0 (432.5)
		<i>cold bypass only</i> 25.5 (117.3)	36.5 (166.0)	44.5 (203.0)	51.5 (234.5)	63.0 (262.0)	77.0 (287.0)	89.0 (331.5)
EFX120	3.0 (11.5)	28.4 (108.0)	47.7 (181.0)	61.8 (234.0)	73.5 (278.0)	79.0 (299.0)	112.4 (426.0)	129.8 (491.0)
		<i>cold bypass only minimum of 23.2 GPM (87.8 L-Min) at 30 psi (2.1 bar)</i>						
EFX60	2.0 (7.5)	22.0 (99.5)	31.0 (141.0)	38.0 (172.5)	43.5 (199.0)	53.5 (222.5)	65.5 (244.0)	75.5 (281.5)
		<i>cold bypass only</i> 16.5 (76.3)	23.5 (108.0)	29.0 (132.0)	33.5 (152.5)	41.0 (170.5)	50.0 (187.0)	58.0 (216.0)
EFX50	3.0 (11.5)	19.3 (74.8)	32.0 (124.0)	40.5 (157.0)	47.5 (184.1)	61.6 (233.2)	72.8 (282.1)	84.0 (325.5)
		<i>cold bypass only minimum of 44.2 GPM (167.3 L-Min) at 30 psi (2.1 bar)</i>						
EFX25	2.0 (5.5)	10.5 (48.5)	15.0 (68.5)	18.5 (84.0)	21.3 (97.0)	26.0 (108.5)	32.0 (119.0)	37.0 (137.0)
		<i>cold bypass only</i> 8.0 (37.0)	11.5 (52.0)	14.0 (64.5)	16.5 (74.0)	20.0 (83.0)	24.5 (91.0)	28.0 (105.0)
EFX20	3.0 (11.4)	6.8 (25.7)	15.2 (57.5)	20.1 (76.1)	23.8 (90.1)	30.3 (114.7)	36.8 (139.3)	42.5 (160.9)
		<i>cold bypass only minimum of 16.9 GPM (64.0 L-Min) at 30 psi (2.1 bar)</i>						
EFX8	1.5 (5.5)	3.0 (13.5)	4.0 (19.0)	5.0 (23.5)	6.0 (27.0)	7.3 (30.5)	9.0 (33.5)	10.5 (38.5)
		<i>cold bypass only</i> 2.3 (10.5)	3.2 (14.5)	4.0 (18.0)	4.6 (21.0)	5.6 (23.5)	6.8 (25.5)	7.7 (29.5)



NEW! MODEL S19-2010

1/2" (12.7mm) inlet, 1/2" (12.7mm) outlet
1.5 GPM (5.5 L-Min) minimum flow capacity



EFX8 MODEL S19-2000

1/2" (12.7mm) inlet, 1/2" (12.7mm) outlet
1.5 GPM (5.5 L-Min) minimum flow capacity



EFX20 MODEL S19-2150

3/4" (19mm) inlet, 1" (25.4mm) outlet
3 GPM (11.5 L-Min) minimum flow capacity



EFX25 MODEL S19-2100

3/4" (19mm) inlet, 1" (25.4mm) outlet
2 GPM (7.5 L-Min) minimum flow capacity



EFX50 MODEL S19-2250

1" (25.4mm) inlet, 1-1/4" (32.8mm) outlet
3 GPM (11.5 L-Min) minimum flow capacity



EFX60 MODEL S19-2200

1" (25.4mm) inlet, 1-1/4" (32.8mm) outlet
2 GPM (7.5 L-Min) minimum flow capacity



EFX120 MODEL S19-2350

1-1/4" (32.8mm) inlet, 1-1/2" (38.1mm) outlet
3 GPM (11.5 L-Min) minimum flow capacity



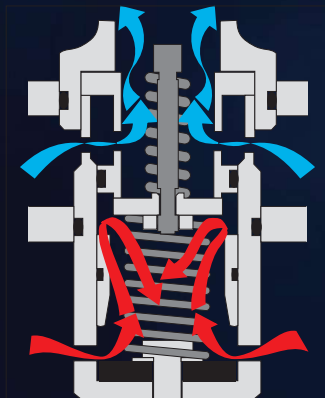
EFX125 MODEL S19-2300

1-1/4" (32.8mm) inlet, 1-1/2" (38.1mm) outlet
3 GPM (11.5 L-Min) minimum flow capacity

If hot water stops, fixed open ports ensure cold water keeps flowing.



If cold water stops, Navigator shuts down hot water.



Cold Water Bypass

Navigator's cold water bypass feature provides added safety. If the cold water stops, Navigator prevents scalding by shutting down the hot water. If the hot water stops or the thermostat loses its charge, the valve's fixed cold-water ports keep the cold water flowing.