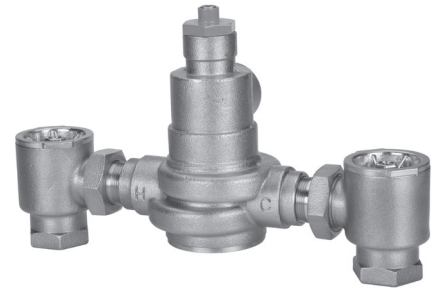


**HydroGuard® XP Series Emergency Tempering Valve with Cold Water Bypass**

**Product Specification**

**Features ■**

- Powers' Advanced Thermal Actuators provide precise temperature control
- Exclusive internal cold water bypass\* ensures cold water flow in the event of loss of hot water
- Flow effectively shuts down upon loss of cold water supply when tested under the condition specified in ASSE 1071 standard
- Vandal-resistant locking mechanism to secure temperature setting
- Factory tested
- Rotatable union triple-duty checkstops
- Rough bronze and chrome finishes



Advanced Thermal Activation

\* Patent Pending

**Specifications ■**

- Connections ..... See on the back
- Maximum Operating Pressure ..... 125psi (861 kPa)
- Maximum Hot Water Temperature ..... 180°F (82°C)
- Temperature Adjustment Range ..... 60 - 95°F (15 - 35°C)
- Factory Set Temperature\* ..... 85°F (29°C)
- Bypass Flow Rate at 30psid\*
- |        |                        |
|--------|------------------------|
| ETV200 | ..... 30 gpm (114 lpm) |
| ETV400 | ..... 50 gpm (189 lpm) |
| ETV500 | ..... 81 gpm (307 lpm) |
- Maximum Flow with Cold Water Shutoff\* ..... 0.5 gpm (1.9 lpm)
- Listing ..... ASSE 1071

\* When tested under conditions specified in ASSE 1071 Standard

**Capacity ■**

Flow Capacity at 85°F (29.4°C)									
Model	Min. Flow Rate	C <sub>v</sub>	Pressure Drop Across Valve						
			5psi (34 kPa)	10psi (69 kPa)	15psi (103 kPa)	20psi (138 kPa)	30psi (207 kPa)	45psi (310 kPa)	60psi (414 kPa)
ETV200	3.0 gpm	6	13.4 gpm	19.0 gpm	23.2 gpm	26.8 gpm	32.9 gpm	40.2 gpm	46.5 gpm
	11.4 lpm		50.7 lpm	71.9 lpm	87.8 lpm	101.4 lpm	124.5 lpm	152.2 lpm	176.0 lpm
ETV400	3.0 gpm	15.2	34.0 gpm	48.1 gpm	58.9 gpm	68.0 gpm	83.2 gpm	102.0 gpm	118.0 gpm
	11.4 lpm		128.7 lpm	182.0 lpm	223.0 lpm	257.4 lpm	315.0 lpm	386.1 lpm	446.7 lpm
ETV500	3.0 gpm	21.8	48.7 gpm	68.9 gpm	84.4 gpm	97.5 gpm	119.4 gpm	146.2 gpm	168.9 gpm
	11.4 lpm		184.3 lpm	260.8 lpm	319.5 lpm	369.1 lpm	452.0 lpm	553.4 lpm	639.4 lpm

