



# **FLOW REGULATORS**



## **General Description**

Smartflow® flow regulators provide a unique, leak-free, single-point manual flow control. This regulator incorporates the proven mechanical flowmeter and integral needle valve in a compact design. Very few moving parts improve reliability and leak-free operation.

Used singly or in combination with a water manifold, the flow regulator allows manual control of individual cooling water lines.

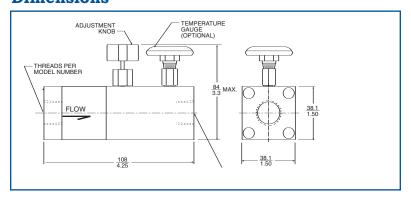
#### **Features and Benefits**

- Compact size works well in restricted-space locations.
- Rugged construction provides years of dependable service.
- 240°F (115°C) Temperature Rating allows installation into a wide range of applications.
- Optional Temperature Gauge displays additional process information.
- No Mounting Restrictions ease installation in any position without extra brackets or hardware.

## **Model Number**

FR	3	-	В	-	25	_
Inlet Size 1/4"NPT(F) 1/4"BSPP(F) 3/8"NPT(F) 3/8"BSPP(F) 1/2"NPT(F) 1/2"BSPP(F)	2 2B 3 3B 4 4B				15 25 80 100 300	Flow Rate (maximum) 1.5 gpm (gallons per min.) 2.5 gpm 8.0 gpm 10 lpm (liters per minute) 30 lpm
			A B E	Therm Therm		sories egulator only ometer ometer and quick e socket and plug

### **Dimensions**



#### **Wetted Parts and Materials**

End Caps & Regulator Bo	odyBrass
Flow Body	Polysulfone
Vane	Glass-Filled Nylon
Spring	Stainless Steel
O-Rings	EPDM
Cap Screws	Stainless Steel
Optional Quick-Connect F	FittingsBrass

### **Specifications**

Flow Accuracy	±10% full scale
Operating Temperate	ure240°F max. (115°C max.)
Operating Pressure.	150 psi max. (10.3 bar max.)
Dial Thermometer	0° to 250°F (-20° to 120°C)
	±2% accuracy (full scale)

