Intelligent Flow Regulator

Features

- Digital flow and temperature monitoring system is able to process real-time control of the flowrate, temperature in each pipe, which can display instant mould loop blockage to avoid the rejects.
- The regulating value in each return loop can control precise flowrate in each loop by adjusting different water loops.
- 7" touch panel presents clear display of simple operations.
- The display of graphic and numerical data enables more intuitive adjustment of the return loop.
- Alarms for real-time flowrate and temperature monitoring indicate abnormalities in the loop in time.
- RS485 communication interfaces make centralized monitoring with the host units available.

Floor mount

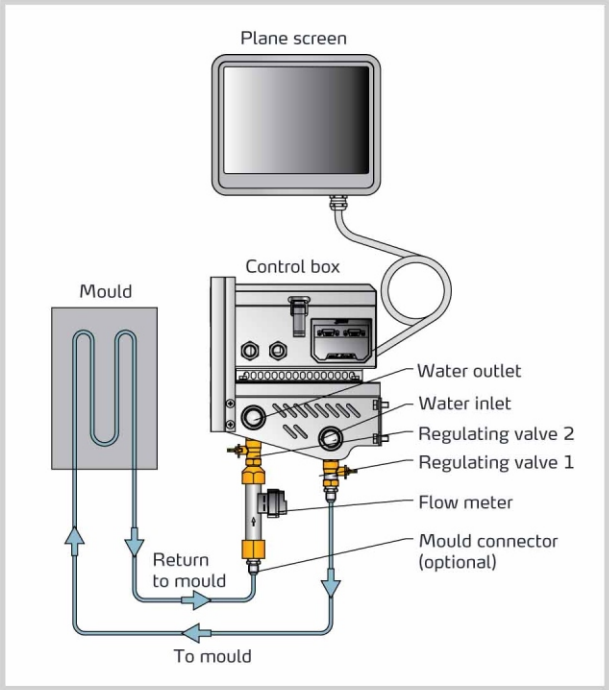
Options

- 3/8" quick hose coupler,quick pipe connector,Teflon tube connector are optional
- Floor mount is optional

Application

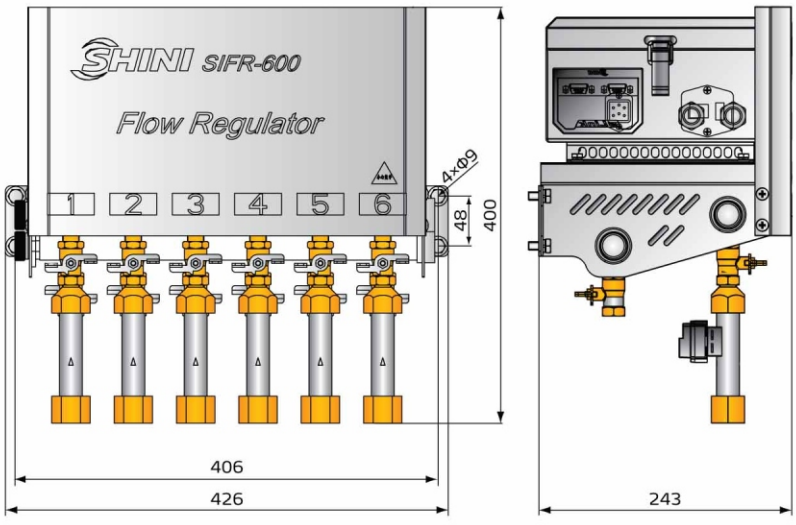
SIFR series intelligent flow regulator is designed to work with water heater, water chiller or cooling tower that can connect with multiple mould interfaces. Its functions of temperature, flowrate monitoring and control can adapt to different working conditions.

Working Principle



Circulating water enters the flow regulator through the water inlet.
Circulating water enters the mould via the regulating valve 1.
When circulating in mould, the water enters the flow monitor via the valve 2 of the regulator, and the water flowrate and temperature data are monitored by the electronic flow meter.
The circulating water then returns to the water heater, water chiller or cooling tower through water outlet.
The data detected by the flow meter will be connected to the panel screen in display.

Outline Drawings



Specifications

Item \ Model	SIFR-600
Working temp	0~100℃
Measuring range	1~15 l/min
Working pressure	Max 16 bar
To mould/return mould	3/8"PT
Main pipe in/out	3/4"PT
Power	1Φ 230V,50/60Hz

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