



# Intelligent Flow Regulator

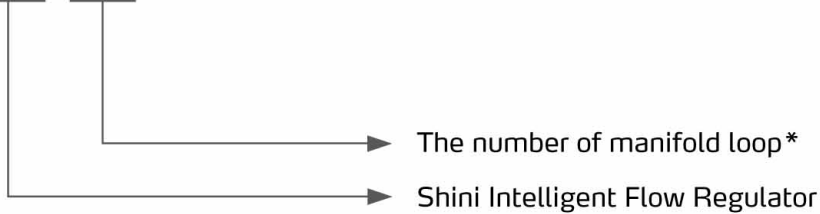
Simple Solution

**SHINI**

# SIFR Series

## ■ Coding Principle

SIFR -xxxx



Notes: \*

For example: The number of SIFR-200 manifold loop is 2, which is 2-in 2-out.  
The number of SIFR-1000 manifold loop is 10, which is 10-in 10-out.

## ■ 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

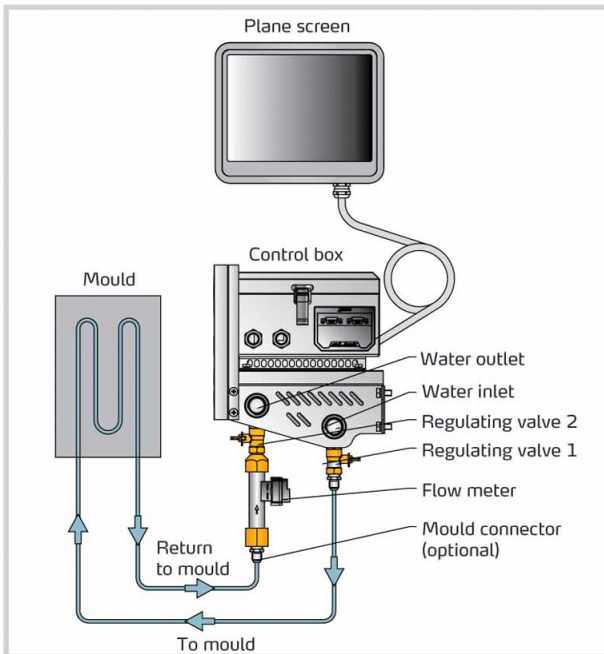
## ■ Options

- Quick hose connector M13.5×3/8"PT, quick air pipe connector Φ6~Φ16×3/8"PT, 3/8"H and Teflon pipe connector×3/8"PT are optional.
- 3/4"Teflon pipe inflow elbow is 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.

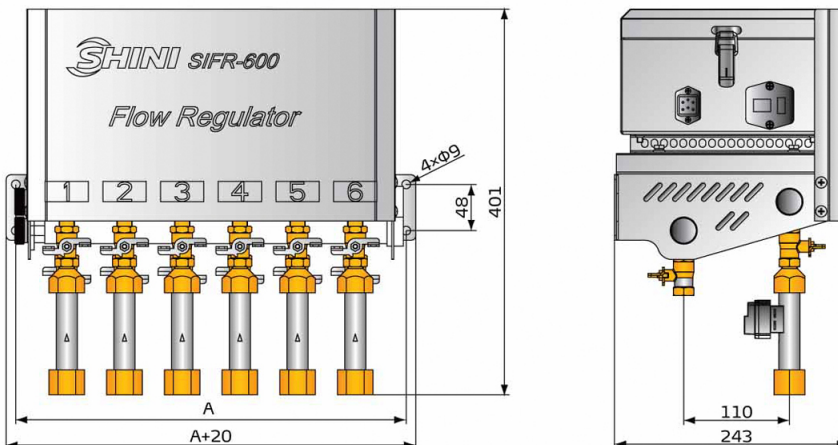
Circulating water enters the mould via the regulating valve 1.

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-200	SIFR-400	SIFR-600	SIFR-800	SIFR-1000	SIFR-1200
Working temp		0~120℃					
Measuring range		1~18 l/min					
Working pressure		Max 10 bar					
To mould/return mould		3/8"PT					
Main pipe in/out		3/4"PT					
Dimension(mm)		406	406	406	526	646	766
Weight(kg)		26	28	30	34	39	43
Power		1Φ 230V,50/60Hz					

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