



Intelligent Flow Regulator

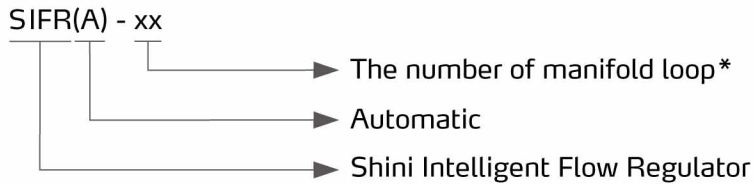
SIFRA-400



Refer carefully to this manual before operation.

SIFR(A) Series

■ Coding Principle



Notes: *

SIFR(A)-400, the number of manifold loop is 4, and the loop is 4-in 4-out.

SIFR(A)-800, the number of manifold loop is 8, and the loop is 8-in 8-out.

■ Features

- Digital flow and temperature monitoring system can monitor the flowrate, temperature and pressure of each pipe in real time, which can display instant mould loop blockage to avoid the rejects.
- The automatic regulating valve in each return loop can adjust and control the flowrate precisely and intelligently according to the water loop demand.
- 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(option)

■ Application

SIFR(A) 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.

■ Options

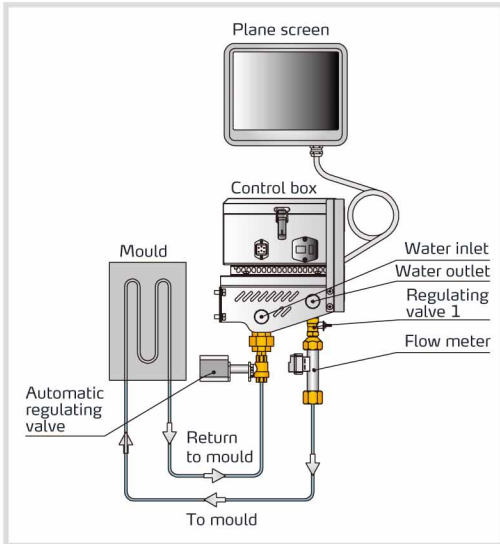
The floor mount can be optional, add "FS" at the end of the model code.

■ Accessory

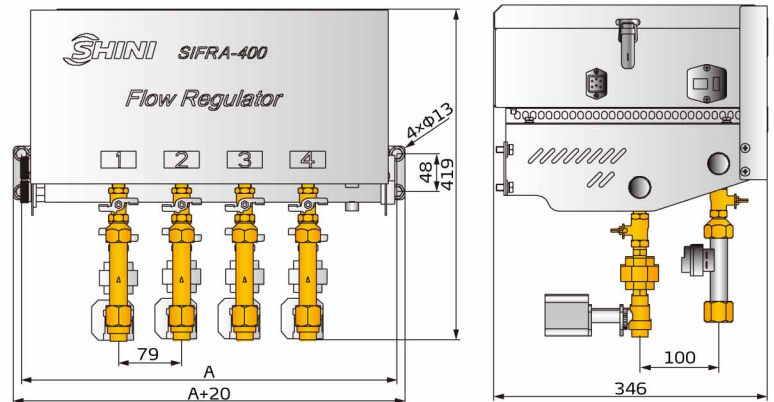
Options for the mould connector:

- Quick hose connector M13.5×3/8"PT
- Quick air pipe connector $\Phi 6 \sim \Phi 16 \times 3/8$ "PT
- Teflon pipe connector 3/8"H×3/8"PT

Working Principle



Outline Drawings



Specifications

Item	Model	SIFR(A)-200	SIFR(A)-400	SIFR(A)-600	SIFR(A)-800	SIFR(A)-1000	SIFR(A)-1200
Working temp		0~120℃					
Measuring range		1~18 L/min					
Working pressure		0~100℃, max 16bar 100~120℃, max 8bar					
To mould/return mould		3/8"PT					
Main pipe in/out		3/4"PT					
Dimension A(mm)		406(476)	406(476)	406(636)	526(796)	646(956)	766(1116)
Weight(kg)		26(31)	28(32)	30(35)	34(39)	39(44)	43(48)
Power		1Φ 230V,50/60Hz					

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