

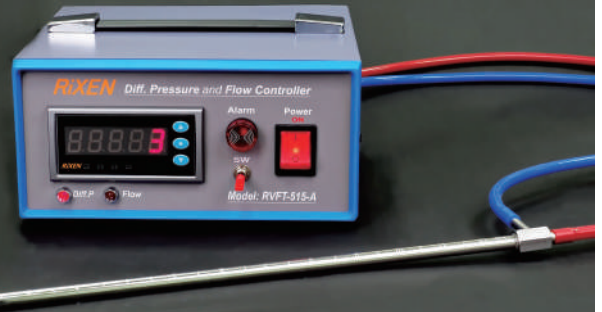


Differential Pressure / Air Flow Process Controllers

RVFT series Multi-Function

- RVFT-515** Differential Pressure / Air Velocity Process Controllers
- RVFT-516** Differential Pressure / Air Velocity / Flow Process Controllers

- Output: RS-485 / 4~20mA / 0~5V / 0~10V
- ±0.25% F.S. High accurate
- Fine adjustment function
- Alarm output and buzzer function optional
- Ceramic sensor, excellent durability
- Pa, mmH₂O or mbar display optional
- CE and RoHS approved



Applications :

Duct airflow, Clean room, Hospital, Filter monitoring, Differential pressure monitoring, HVAC, Fan control, Flow control, Pumps, Compression cooling systems...etc

Specifications of RVFT series *The weight of the instrument will vary according to the choice of accessories.

Model No.		RVFT-515	RVFT-516
Low Range	Measuring Range	±7,000Pa / ±700mmH ₂ O / ±70mbar	±7,000Pa / ±700mmH ₂ O / ±70mbar
	Air Velocity	0~100m/s (via Pitot tube)	0~100m/s (via Pitot tube)
	Air Flow	NA	0~60000 CMM (via Pitot tube)
	Resolution	1Pa / 0.1mmH ₂ O / 0.01mbar ; 0.1m/s	1Pa / 0.1mmH ₂ O / 0.01mbar ; 0.1m / s ; 1CMM
High Range	Measuring Range	±99,000Pa / ±9,900mmH ₂ O / ±1,000mbar	±99,000Pa / ±9,900mmH ₂ O / ±1,000mbar
	Air Velocity	0~210m/s (via Pitot tube)	0~210m/s (via Pitot tube)
	Air Flow	NA	0~99999 CMM (via Pitot tube)
	Resolution	10Pa / 1mmH ₂ O / 0.1mbar ; 1m/s	10Pa / 1mmH ₂ O / 0.1mbar ; 1m/s ; 1CMM
Accuracy (at 25°C)		±0.25% F.S,TEB<1% / Temp. Compensation: 0~+60°C Auto. *TEB : Total Error Band	
Measurement Unit		◆ Differential Pressure : Pa, mbar, mmH ₂ O ◆ Air Velocity : m/s	◆ Differential Pressure : Pa, mbar, mmH ₂ O ◆ Air Velocity : m/s ◆ Air Flow : CMM
Media Compatibility		Dry air or non-corrosive gases and liquids	
Display Functions (digital LED)		Differential Pressure, Air Velocity, Measurement Unit	Differential Pressure, Air Velocity, Air Flow, Measurement Unit
Sampling Rate		Approx. 0.5 sec.	
Output		Analog Output : 4~20mA / 0~5V / 0~10Vdc (optional) Digital Output : RS-485 / Modbus RTU protocol	
Fine Adjustment		The user can adjust the value by the setting buttons	
Operating Environment		0 ~ +55°C (+32 ~ +131°F), 0~95%RH non-condensing	
Power Supply		AC 110V , 220V or DC24V (optional)	
Dimensions		115(H) × 215(W) × 195(D)mm	315(H) × 225(W) × 180(D)mm
Weight *		Approx. 1850g	Approx. 2750g
Approvals		RoHS, CE	RoHS, CE, IP65
Option Accessories		Pitot tube ø8 x 300mm (12inch) *Specifications can be customized. Silicon Tube (red/blue) × 1M *The length can be specified.	

Ordering Information

Model #	RVFT-515 <input type="checkbox"/>	—	<input type="checkbox"/>	—	<input type="checkbox"/>	—	<input type="checkbox"/>	—	<input type="checkbox"/>	—	<input type="checkbox"/>
	RVFT-516 <input type="checkbox"/>	—	<input type="checkbox"/>	—	<input type="checkbox"/>	—	<input type="checkbox"/>	—	<input type="checkbox"/>	—	<input type="checkbox"/>
Pressure	Code	Fuction	Code	Fuction	Code	Output Signal	Code	Alarm	Code	Power Supply	Code
Low	L	Differential	D	Differential, Air Velocity	DW	4 ~ 20mA	M	Alarm	A	AC 110V	11
High	H	Air Velocity	W	Air Velocity, Air Flow	WF	0 ~ 5V	V5	Not Selection	N	AC 220V	22
						0 ~ 10V	V10				
						RS-485	C				
						Not Selection	N				