

WFS

WIRELESS FLOW SENSOR

Sensor: **Flow**

FEATURES

- Feeds flow data (gallons or liters) to controller, for flow recording and monitoring purposes
- Robust waterproof construction
- Provides station-level flow monitoring for reaction to high- or low-flow conditions
- Helps prevent damage and waste from leaks and breaks in piping system

SPECIFICATIONS

- Maximum distance sensor to module: 152 m
- Recommended pressure range: 0 to 15.0 bar; 0 to 1500 kPa
- Pressure loss: < 0.07 bar; 0.7 kPa

APPROVALS

- FCC and CE approved



WFS

WIRELESS FLOW SENSOR	
Model	Description
WFS-INT	Wireless Flow Sensor Kit - International 868 mHz
WFS-T-INT	Wireless Flow Sensor Kit Transmitter Only - International 868 mHz
WFS-R-INT	Wireless Flow Sensor Kit Receiver Only - International 868 mHz
WFS-SEN	Wireless Flow Sensor Kit Sensor Only
WFS-LITHBATT	Wireless Flow Sensor Lithium Battery
WFS-ALKBATT	Wireless Flow Sensor Alkaline Battery with Cage

REQUIRED USER INSTALLED OPTION (SPECIFY SEPARATELY)	
Model	Description
FCT-100	1" (25 mm) Schedule 40 sensor (white) receptacle tee
FCT-150	1½" (40 mm) Schedule 40 sensor (white) receptacle tee
FCT-158	1½" (40 mm) Schedule 80 sensor (grey) receptacle tee
FCT-200	2" (50 mm) Schedule 40 sensor (white) receptacle tee
FCT-208	2" (50 mm) Schedule 80 sensor (grey) receptacle tee
FCT-300	3" (80 mm) Schedule 40 sensor (white) receptacle tee
FCT-308	3" (80 mm) Schedule 80 sensor (grey) receptacle tee
FCT-400	4" (100 mm) Schedule 40 sensor (white) receptacle tee

FLOW RANGE				
Wireless Flow Sensor Diameter	Operating Range			
	Minimum		Suggested Max*	
	l/min	m ³ /hr	l/min	m ³ /hr
1" (25 mm)	7.6	0.45	64	3.84
1½" (40 mm)	19	1.14	132	8.0
2" (50 mm)	37.8	2.26	208	12.5
3" (80 mm)	106	6.36	450	27.0
4" (100 mm)	129	7.74	750	45.0

Notes:

* Good design practice dictates the maximum flow not to exceed 1.5 m/sec. Suggested maximum flow is based upon Class 200 IPS plastic pipe.



SENSORS