

# WFS

Use this sensor to retrofit flow to existing systems that cross under asphalt, concrete, or other hardscapes.

## KEY BENEFITS

- Wireless flow sensor saves time, materials, and labour
- Simple-insertion flow sensor for monitoring and reacting to real-time flow conditions
- Provides station-level flow monitoring for reaction to high- or low-flow conditions, helping to protect against waste and damage from leaks
- Compatible with Hunter I-Core™, ACC, and ACC2 controllers for flexible installation in a variety of projects
- Sensor is pre-calibrated for K-factor and Offset based on pipe size, allowing for quick setup and programming within the controller
- Multi-colour LED on the receiver indicates proper communication to the transmitter, as well as remaining battery life

## OPERATING SPECIFICATIONS

- Recommended pressure range: 0 to 15.0 bar; 0 to 1500 kPa
- Pressure loss: < 0.009 bar; 0.9 kPa
- Maximum distance sensor to receiver: 152 m
- Operating frequency: 868 MHz
- FCC and CE approved
- Warranty period: 5 years

## USER-INSTALLED OPTIONS

- FCT tee fittings for pipe installation

Sensor: Flow



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-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*		
	I/min	m³/hr	I/min	m³/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 velocity not to exceed 1.5 m/sec. Suggested maximum velocity is based upon Class 200 IPS plastic pipe.

