FLOW-SYNC®

Sensor: **Flow**

FEATURES

- Simple two-wire connection to I-Core®, ACC, and ACC2 controllers (up to 300 m)
- Feeds flow data (gallons or litres) 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

- Recommended pressure range: 1.5 to 15.0 bar; 150 to 1500 kPa
- Pressure Loss: < 0.009 bar; 0.9 kPa
- Wiring: 2 x direct burial, 0.82 mm^2 or greater, colour-coded or marked for polarity, up to 300 m from controller.

Impeller-type flow meter, requires FCT fitting for pipe installation (sold separately)

SENSORS

FLOW-SYNC

Model	Description
HFS*	Hunter Flow-Sync sensor, use with I-Core, ACC and ACC2 controllers, sensor requires FCT fitting for pipe installation

REQUIRED USER-INSTALLED OPTION (SPECIFY SEPARATELY)

Model	Description
FCT-100	1" (25 mm) Schedule 40 sensor receptacle tee
FCT-150	1½" (40 mm) Schedule 40 sensor receptacle tee
FCT-158	1½" (40 mm) Schedule 80 sensor receptacle tee
FCT-200	2" (50 mm) Schedule 40 sensor receptacle tee
FCT-208	2" (50 mm) Schedule 80 sensor receptacle tee
FCT-300	3" (80 mm) Schedule 40 sensor receptacle tee
FCT-308	3" (80 mm) Schedule 80 sensor receptacle tee
FCT-400	4" (100 mm) Schedule 40 sensor receptacle tee

Note:
* Flow-Sync (sensor only) for use with I-Core, ACC, and ACC2 controllers. Requires FCT fitting for pipe installation (sold separately).

BSP ADAPTERS FOR FCT FITTINGS

Diameter	Model
1" (25 mm)	795700
1½" (40 mm)	795800
2" (50 mm)	241400
3" (80 mm)	477800

FLOW RANGE

Pipe Diameter	Operating Range			
	Minimum		Suggested Maximum*	
	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.