HC FLOW METER

Sensor: **Flow**

Detect, monitor, and report critical flow zone data via wired or wireless connection with this robust and simple-to-install flow sensor.

KEY BENEFITS

- Compatible with Hydrawise® enabled HC, HPC, Pro-HC, and HCC Controllers
- Provides station-level flow rates and totals
- Sends automatic alerts in the event of high-flow, low-flow, or unscheduled flow conditions
- Flow reports within Hydrawise Software can display total system water use and individual station water use for accurate water budgeting and tracking
- Robust brass construction with union fittings for easy installation and removal for winterisation
- Analogue dial on the face of the meter displays daily flow totals and a leak detector

OPERATING SPECIFICATIONS

- Scaled pulse output is pre-calibrated based on the size of the meter
- When wired directly to the controller, the meter must be installed with shielded, minimum 0.75 mm^2 wire, up to 300 m from the controller
- Accuracy: ± 2% of reading at recommended flow
- HC Flow Meter pressure loss chart
- Warranty period: 2 years

WIRELESS HC FLOW METER BENEFITS

- Add wireless communication to any HC Flow Meter (sensor sold separately)
- Send flow data wirelessly from the sensor to the controller, without the need to run wire or dig trenches

HC FLOW METER SPECIFICATIONS

	HC-075-FLOW-B (20 mm)	HC-100-FLOW-B (25 mm)	HC-150-FLOW-B (40 mm)	HC-200-FLOW-B (50 mm)
Minimum flow (l/min)	0.83	1.16	3.33	7.5
Maximum recommended flow (l/min)	60	110	250	400
Maximum flow rate (l/min)	80	130	330	500
Dial reading (m^3)	1 pulse per 1 litre	1 pulse per 10 litres	1 pulse per 10 litres	1 pulse per 10 litres

WIRELESS HC FLOW METER OPERATING SPECIFICATIONS

- 152 m range (line of sight) from transmitter to receiver
- Communication frequency: 868 MHz for international use; 915 MHz for use in Australia/New Zealand
- Transmitter power supply: 3 AA batteries
- Receiver power supply: 24 VAC from host controller
- Warranty period: 2 years

HC-075-FLOW-B
(20 mm male BSP thread)
Height: 8 cm
Length: 23.2 cm
Depth: 8 cm
Weight: 0.9 kg

HC-150-FLOW-B
(40 mm male BSP thread)
Height: 16.2 cm
Length: 43.1 cm
Depth: 12.5 cm
Weight: 6.6 kg

HC-100-FLOW-B
(25 mm male BSP thread)
Height: 9.3 cm
Length: 26.2 cm
Depth: 8 cm
Weight: 1.4 kg

HC-200-FLOW-B
(50 mm male BSP thread)
Height: 16.2 cm
Length: 44.7 cm
Depth: 12.5 cm
Weight: 7.4 kg

WIRELESS HC FLOW METER

WIRELESS HC FLOW METER MODELS

Model	Description
W-HC-FLOW-INT	Wireless HC Flow Meter Kit, includes transmitter and receiver (international 868 MHz)
W-HC-FLOW-TR-INT	Wireless HC Flow Meter, transmitter only (international 868 MHz)
W-HC-FLOW-R-INT	Wireless HC Flow Meter, receiver only (international 868 MHz)
W-HC-FLOW-AU	Wireless HC Flow Meter Kit, includes transmitter and receiver (AU/NZ 915 MHz)
W-HC-FLOW-TR-AU	Wireless HC Flow Meter, transmitter only (AU/NZ 915 MHz)
W-HC-FLOW-R-AU	Wireless HC Flow Meter, receiver only (AU/NZ 915 MHz)
HC-075-FLOW-B	HC Flow Meter with 20 mm male BSP thread, m^3 reading
HC-100-FLOW-B	HC Flow Meter with 25 mm male BSP thread, m^3 reading
HC-150-FLOW-B	HC Flow Meter with 40 mm male BSP thread, m^3 reading
HC-200-FLOW-B	HC Flow Meter with 50 mm male BSP thread, m^3 reading

SENSORS