

# 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, Pro-HC, HPC, 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 winterization
- Analog dial on the face of the meter displays daily flow totals and a leak detector

## OPERATING SPECIFICATIONS

- Scaled pulse output is pre-calibrated from the factory based on the size of the meter
- When wired directly to the controller, the meter must be installed with shielded, minimum 18 AWG wire, up to 1,000' 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 (¾")	HC-100-FLOW (1")	HC-150-FLOW (1½")	HC-200-FLOW (2")
Minimum flow (GPM)	0.22	0.3	0.88	1.98
Maximum recommended flow (GPM)	15	30	66	105
Maximum flow rate (GPM)	21	34	88	132
Dial reading (U.S. gal)	1 pulse per 0.1 U.S. gal	1 pulse per 1 U.S. gal	1 pulse per 1 U.S. gal	1 pulse per 1 U.S. gal

## WIRELESS HC FLOW METER OPERATING SPECIFICATIONS

- 500' range (line of sight) from transmitter to receiver
- Communication frequency: 900 MHz for use in North America
- Transmitter power supply: 3 AA batteries
- Receiver power supply: 24 VAC from host controller
- Warranty period: 2 years



**HC-075-FLOW**  
(¾" male thread)  
Height: 3⅞"  
Length: 9⅞"  
Depth: 3⅞"

**HC-150-FLOW**  
(1½" male thread)  
Height: 6¼"  
Length: 16⅞"  
Depth: 4⅞"

**HC-100-FLOW**  
(1" male thread)  
Height: 3⅝"  
Length: 10¼"  
Depth: 3⅝"

**HC-200-FLOW**  
(2" male thread)  
Height: 6¼"  
Length: 17½"  
Depth: 4⅞"

### WIRELESS HC FLOW METER



### WIRELESS HC FLOW METER MODELS

Model	Description
W-HC-FLOW	Wireless HC Flow Meter Kit, includes transmitter and receiver (domestic 900 MHz)
W-HC-FLOW-TR	Wireless HC Flow Meter, transmitter only (domestic 900 MHz)
W-HC-FLOW-R	Wireless HC Flow Meter, receiver only (domestic 900 MHz)
HC-075-FLOW	HC Flow Meter with ¾" male thread, U.S. gallons
HC-100-FLOW	HC Flow Meter with 1" male thread, U.S. gallons
HC-150-FLOW	HC Flow Meter with 1½" male thread, U.S. gallons
HC-200-FLOW	HC Flow Meter with 2" male thread, U.S. gallons