

# HC Flow Meter

Detect, monitor, and report critical flow zone data and total system flows with this robust and simple-to-install flow sensor. Add wireless flow-monitoring capabilities to Hydrowise® Systems with a simple and affordable communication kit.

## KEY BENEFITS

- Compatible with HC, HPC, Pro-HC, and HCC Controllers
- Compatible with ICC2 Controller via Centralus™ communication modules
- Flow Rate: 0.22 to 132 GPM (depending on size)
- Provides station-level flow rates and totals in Hydrowise Software
- Sends automatic alerts in the event of high-flow, low-flow, or unscheduled flow conditions
- Flow reports within Hydrowise 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
- Optional wireless communication kit available for use with any HC Flow Meter and Hydrowise-enabled HC, HPC, Pro-HC, or HCC Controllers



## 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 |
| Max working pressure (PSI)     | 230                      | 230                    | 230                    | 230                    |

## Operating Specifications

- Scaled pulse output is precalibrated from the factory based on the size of the meter
- When wired directly to the controller, meter must be installed with shielded, minimum 18 AWG wire, up to 1,000' from the controller
- Accuracy: ± 2% of reading at recommended flow
- Warranty period: 2 years

## Wireless 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

## Approvals

- FCC, CE, and RCM approved
- Transmitter is IP68 rated
- Receiver is IP24 rated

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<https://api.hunterirrigation.com/irrigation-product/sensors/hc-flow-meter>  
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