

# Wireless HC Flow Meter - System Overview and Operations

The Wireless HC Flow Communication Kit (P/N: WHCFLOW) pairs with any HC Flow Meter\* to provide wireless flow monitoring capabilities with Hydrowise® enabled controllers. (\*meter sold separately)

Compatible flow meters and controllers include:

- HC-075-FLOW, HC-100-FLOW, HC-150-FLOW, HC-200-FLOW
- HC, HPC, Pro-HC, and HCC Controllers
- The Wireless HC Flow Receiver comes with just over 3' of wire for connection to the controller.
- The maximum distance extending the receiver from the controller or the transmitter from the flow sensor is 50'.
- The kit provides 500' (152 m) line-of-sight communication from transmitter to receiver.  
Flow data is transmitted wirelessly every 5 seconds, indicated by a blinking green LED on the transmitter and receiver.
- The Wireless HC Flow Receiver is powered by the 24 VAC terminals within the controller. The receiver can be extended using a standard 18 AWG wire up to 25' from the controller.  
The Wireless HC Flow Transmitter is battery-powered (3 AA) and has two wires coming from it for connection to the HC Flow Meter.
- The HC Flow Meter requires 4-5 VDC for power and is rated up to 24 VDC.
- The sensor operation is a simple reed-switch contact closure that generates a pulse every time the contact closes, which is then converted to a flow rate based on the pre-calibrated pulse rate (1 pulse = 1 gallon).

## Transmitter and HC Flow Meter Installation Details

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