Wireless HC Flow Meter - Installation

Transmitter Installation

1. Using a hole saw, cut a 3¼" (8.25 cm) diameter hole in the valve box lid.
2. Unthread the transmitter retainer nut and feed the transmitter through the hole in the valve box lid so the mushroom cap is exposed.
3. Secure the transmitter in place by threading the transmitter retainer nut clockwise until snug against the valve box lid ribs.
4. Using the included waterproof connectors, splice the white wire from the transmitter to the white wire from the HC Flow Meter. Then splice the transmitter blue wire to the HC Flow Meter blue wire.

NOTE: Cap the red wire from the flow meter with a waterproof splice. This wire is not used.

3¼" (8.25 cm)
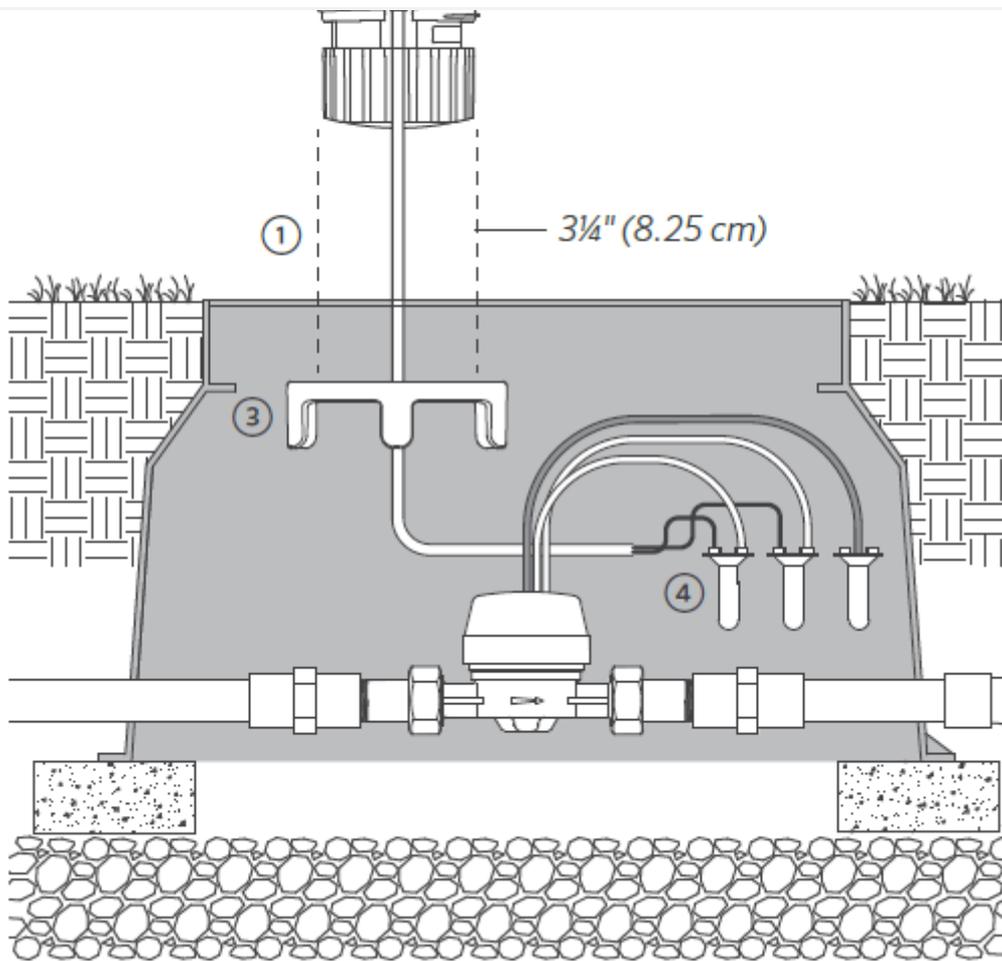
Receiver Installation

- The Wireless HC Flow Receiver mounts to and is powered by its host controller.
- For best results, mount the receiver through one of the side knockouts on the controller. Use a ⅞" (22 mm) hole saw to remove the knockout. Feed the wires and threaded nipple through the knockout into the controller, and secure in place with the receiver retaining nut.

⅞" (22 mm)
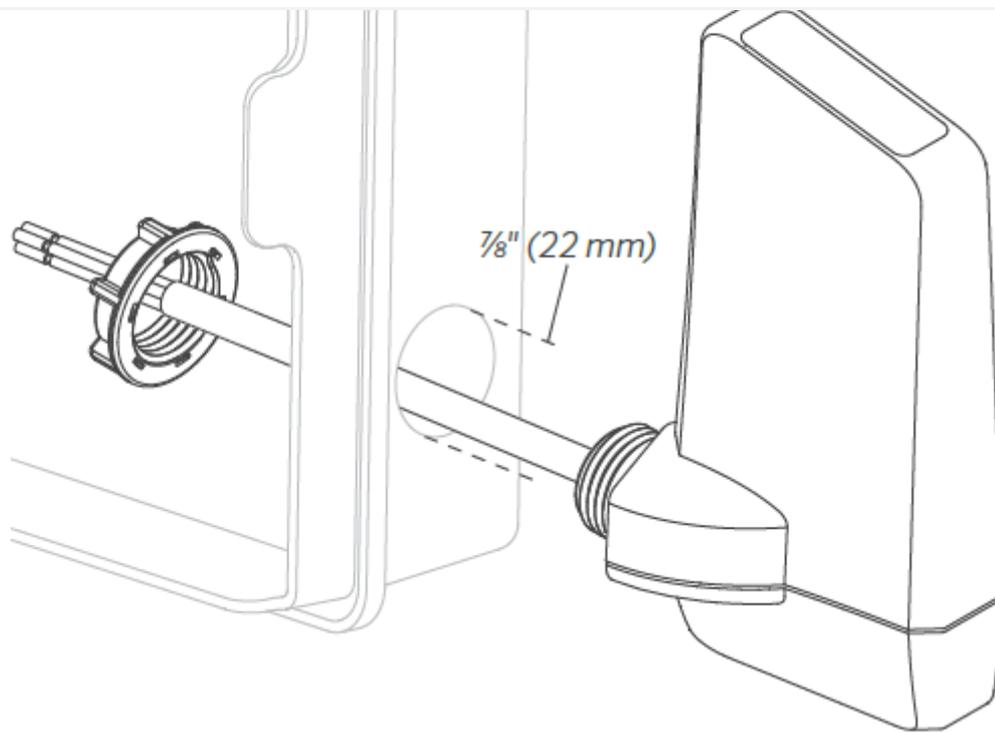
- Connect the two yellow wires to either 24 VAC terminals.
- Connect the white and blue wires to the sensor terminals.

HC

	24V
	24V
	SENSOR 1
	SENSOR 2
	COMMON

HPC

	AC2
	AC1
	GND
SEN	
SEN	

Pro-HC

	24 VAC
	24 VAC
	GND
	SEN-1
	SEN COM
	SEN-2

HCC

SEN 1	
SEN 2	
SEN C	
REM	
24VAC	
24VAC	
GND	
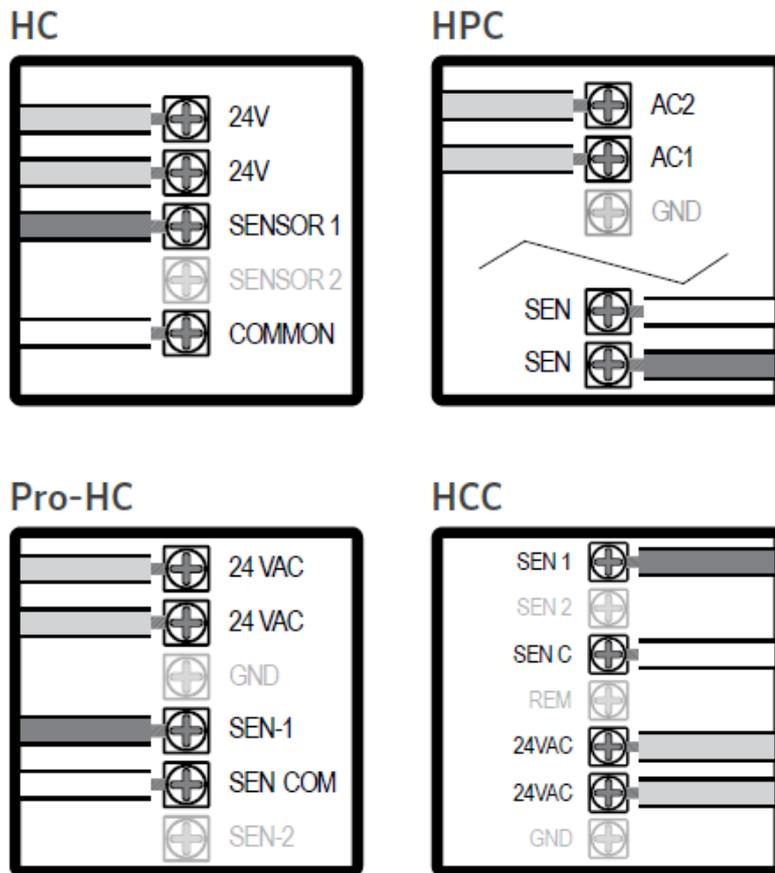
Wireless HC Flow Meter - Pairing the Transmitter and Receiver

The transmitter and receiver are preconfigured for wireless communication right out of the box. After applying power to either the transmitter or receiver, wait a minimum of 10 seconds for the power-up sequence to complete. During this time, there will be one or more green **LED** blinks before the unit is ready for operation. When flow is occurring, the transmitter will transmit flow sensor data at a maximum rate (depending on flow) of once every 5 seconds. The receiver LED will flash green at the same rate to indicate that flow is occurring.

Wireless HC Flow Meter - Low-Battery Indication (Transmitter)

The receiver L**ED** will flash red twice every 3 seconds to indicate a low or discharged battery**.** This battery status u**p**date will occur only during flow conditions.