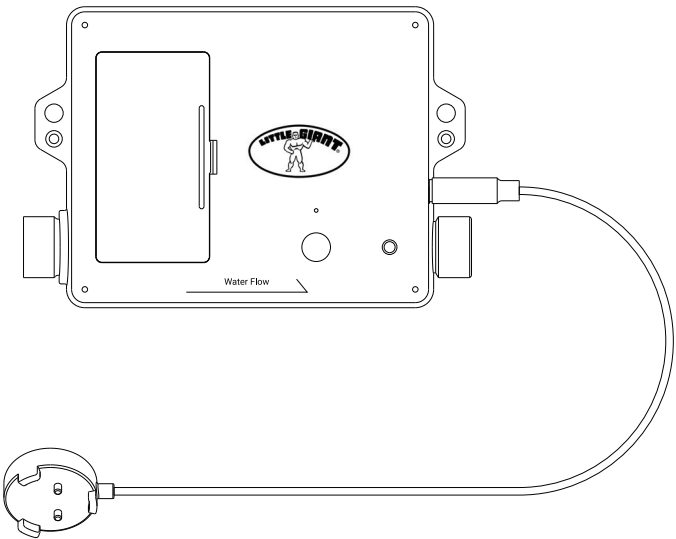




Escanee para ver las instrucciones en español

Water Flow Sensor

SMARTFLOW

Quick Start Guide

A Welcome!

Thank you for purchasing Little Giant® products! We appreciate you trusting Little Giant® for your smart farm and ranch automation needs. Your 100% satisfaction is our goal. If you experience any problems with your installation, with our products or if you have any questions that this manual does not answer, please contact us right away. See the Contact Us section for more info.

Thank you!

Miller Manufacturing

The following icons are used in this guide to convey specific types of information:



Very important information (can save you time!)



Good to know info but may not apply to you

B Before You Begin

Please note: this is a quick start guide, intended to get you started on the installation of your Water Flow Sensor. Download the full Installation & User Guide by scanning this QR code.



Installation & User Guide

You can also find all guides and additional resources, such as videos and troubleshooting instructions, on the Water Flow Sensor Product Support page by scanning the QR code on the right or by visiting:



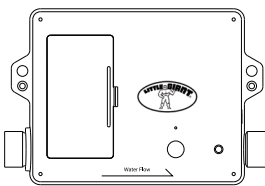
Product Support

<https://miller-mfg.com/products/water-flow-sensor>

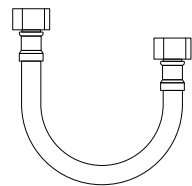


Your Water Flow Sensor connects to the internet via a Little Giant® Smart Hub, and it does not connect directly to your WiFi or local network. In order for remote access to the device from the app, and for full functionality, a Smart Hub is required. This guide assumes the BARN-IQ™ app has been installed on your smartphone, and a Smart Hub is installed and online (or your location is already served by a Little Giant® wireless network).

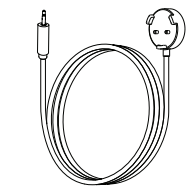
C In the Box



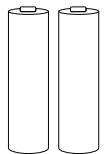
Water Flow Sensor



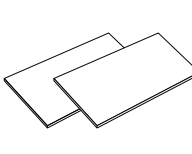
3/8" to 1/2" NPT Hose x 2



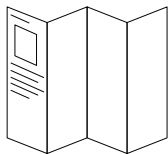
Detection Probe Cable



2 x AA Batteries

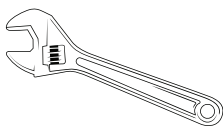


Double-Sided Tape x 2
30*60mm

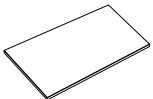


Quick Start Guide

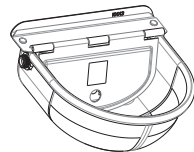
D Required Items



Adjustable Wrench



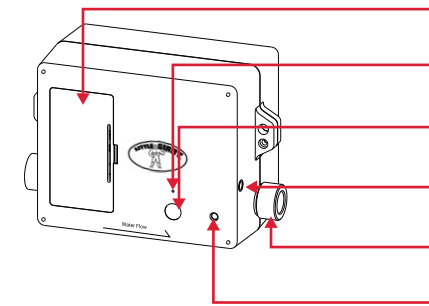
Double-Sided Tape



Little Giant® Automatic Waterer

E Get to Know Your Water Flow Sensor

Water Flow Sensor:



Battery Cover

Status LED

Set Button

Detection Cable Jack

Supply End

Sounder

- One Beep
Device Power-Up/Button Pressed

- Two Beeps
Device Alert
(Two beeps every 1 second for the first minute.
Two beeps every 5 seconds for the next 10 minutes.
Sustaining two beeps once 10 minutes after 10 minutes.)

Phono Plug

Detector Probe
Used for water detection

LED Behaviors



Blinking Red Once, Then Green Once
Device Start-Up



Blinking Red And Green Alternately
Restoring to Factory Defaults



Blinking Red Once
Valve Closing or Device Alert



Blinking Green Once
Valve Opening



Slow Blinking Green Twice
Connecting to Hub



Quick Blinking Red Twice
Valve is Closed



Quick Blinking Green Twice
Valve is Open



Quick Blinking Green
Control-D2D Pairing in Progress



Quick Blinking Red
Control-D2D Unpairing in Progress



Slow Blinking Green
Updating



Fast Blinking Red Once Every 30 Seconds
Low Battery, Replace Batteries Soon

F Install the App

If you are new to Little Giant® Smart Products, please install the BARN-IQ™ app on your phone or tablet, if you have not already. Otherwise, please proceed to the next section.

Scan the QR code below to visit the Smart Products resources page or find the BARN-IQ™ app on the appropriate app store.



Apple phone/tablet
iOS 9.0 or higher



Android phone/
tablet 6.0 or higher

Open the app and tap **Sign up** for an account. You will be required to provide a username and a password. Follow the instructions, to set up a new account. Allow notifications, when prompted.

You will immediately receive a welcome email from no-reply@miller-mfg.com with some helpful information. Please mark the miller-mfg.com domain as safe, to ensure you receive important messages in the future.

Log in to the BARN-IQ™ app using your new username and password.

The app opens to the **Favorite** screen. This is where your favorite devices and scenes will be shown. You can organize your devices by location, in the **Locations** screen, later.

Refer to the full user guide and online support for instructions on the use of the BARN-IQ™ app.

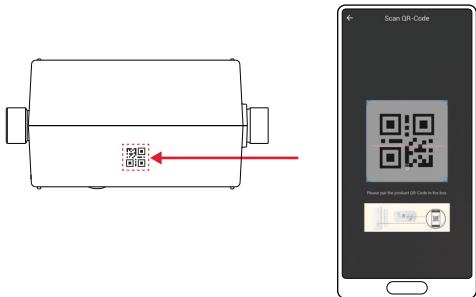
G Add Your Water Flow Sensor to the App

1. Tap **Add Device** (if shown) or tap the scanner icon:

Scanner Icon



2. Approve access to your phone's camera, if requested. A viewfinder will be shown on the app.



3. Hold the phone over the QR code so that the code appears in the viewfinder. When successful, the **Add Device** screen will be displayed.

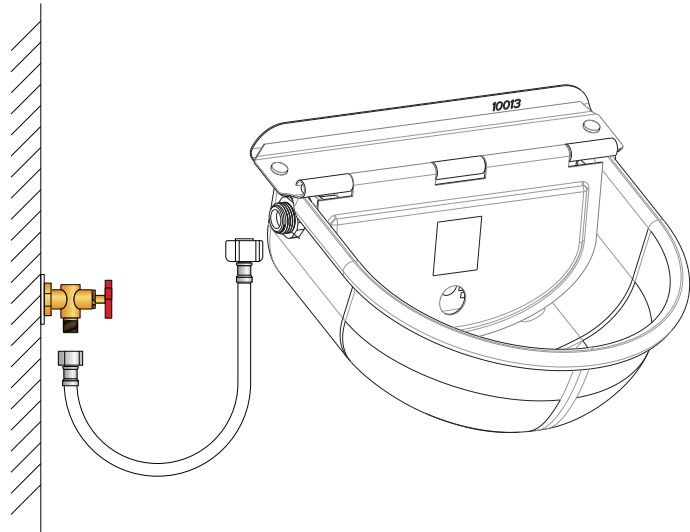
4. Follow the instructions to add your Water Flow Sensor to the app.

H Before Installation

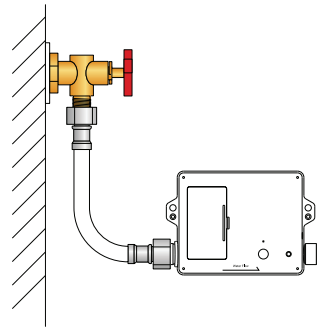
1. Please install following the water flow direction shown by the arrow.
2. This product defaults to a Maximum Water Usage Duration per Refill of 10 minutes, Maximum Refills of 20 per day, and Maximum Water Usage of 150 gallons per day. Exceeding any of these limits will automatically close the valve. The valve can be manually reopened using the BARN-IQ™ App (Little Giant® Smart Hub required) or by pressing the SET button on the device.
3. To modify the default values, open the device details page in the BARN-IQ™ App (tap the three dots in top-right corner; Little Giant® Smart Hub required) and select "Device Advanced Settings". To disable automatic valve operation, toggle the "Auto Shut-off valve" button within the individual product limit settings.

I Install the Water Flow Sensor

1. Turn off the water supply. If an automatic waterer is already installed, disconnect it from the water line.

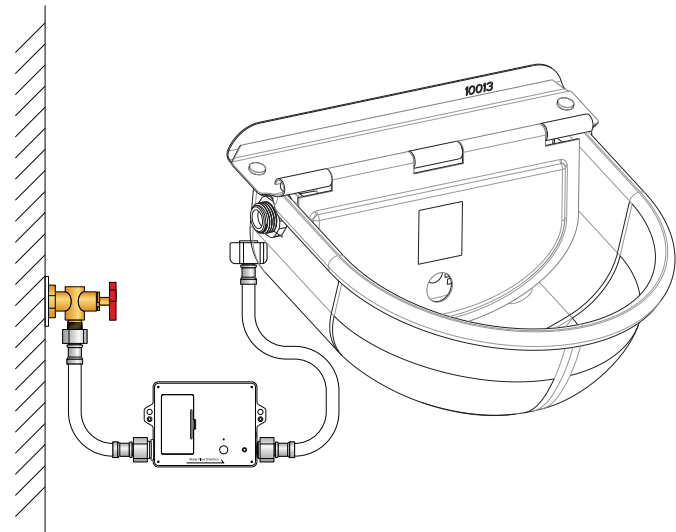


2. Take one of the included supply hoses and attach one end to your water supply and the other end to the water flow sensor. Make sure the hose is connected to the correct side of the sensor by following the water flow direction arrow on the device. The included hose has ½" NPT female threads and may require an adapter (not included) to connect to other thread types.

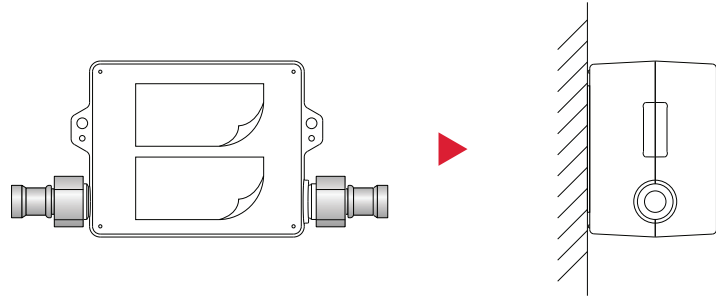


I Install the Water Flow Sensor, Continued

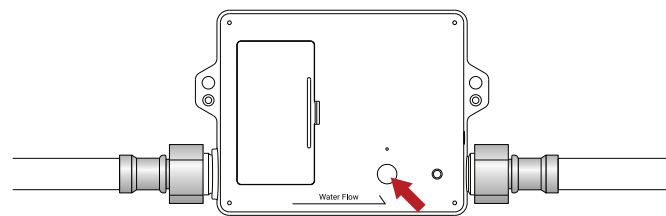
3. Use the second included supply hose and attach one end to your automatic waterer and the other end to the water flow sensor.



4. Mount the water flow sensor to a wall near the waterer. You can use the included double-sided tape or secure it with fasteners through the mounting holes on the sensor.

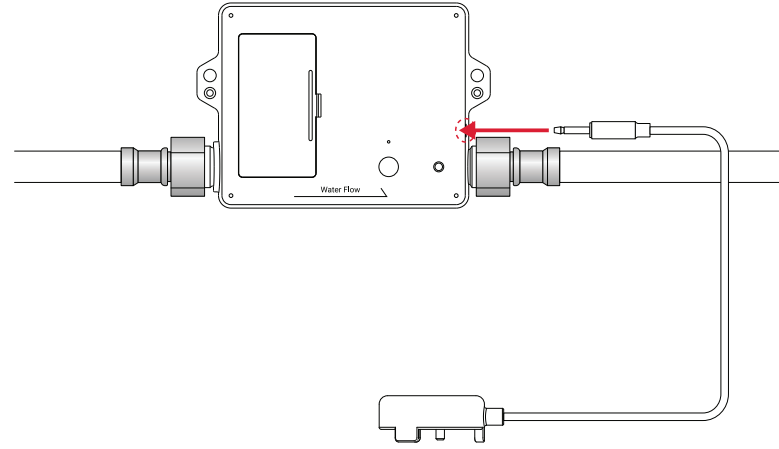


5. Turn the water supply back on, then press the SET button to test the water flow sensor's on/off functionality.

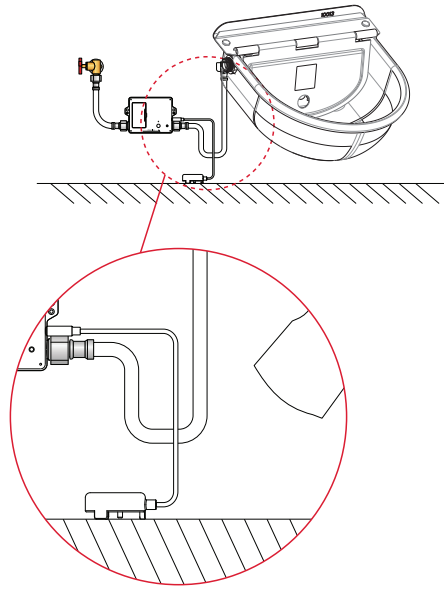


J Install the Probe Detection Cable

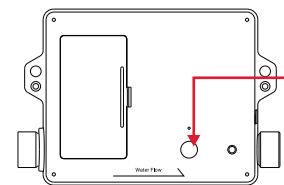
1. Optional – Connect the probe detection cable to the water flow sensor by plugging the male end of the cable into the port on the device.



2. Place the probe cable near or underneath the waterer. The sensor will trigger an alarm if water connects the probes, indicating a possible leak.



K Power up



Power up the Water Flow Sensor by briefly pressing the SET button, until the LED flashes (red, then green).

L Contact Us

We are here for you if you ever need any assistance installing, setting up or using a BARN-IQ™ app or Little Giant® Sensors.

Need help? For fastest service, please email us 24/7 at customerservice@miller-mfg.com

Or call us at **800-260-0888, Monday - Friday 7:00 AM to 5:00 PM CT.**

You can also find additional support and ways to contact us at: www.miller-mfg.com

Or scan the QR code:



Support Home Page

Finally, if you have any feedback or suggestions for us, please email us at customerservice@miller-mfg.com

Thank you for trusting Little Giant®



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