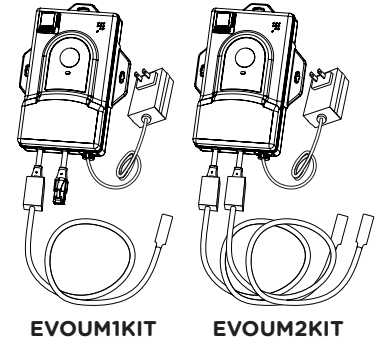



Location:

SYMMONS® Evolution

EVOUM1KIT, EVOUM2KIT Evolutions Utility Meter Clamp-on Meter & Sensor Module Installation Guide



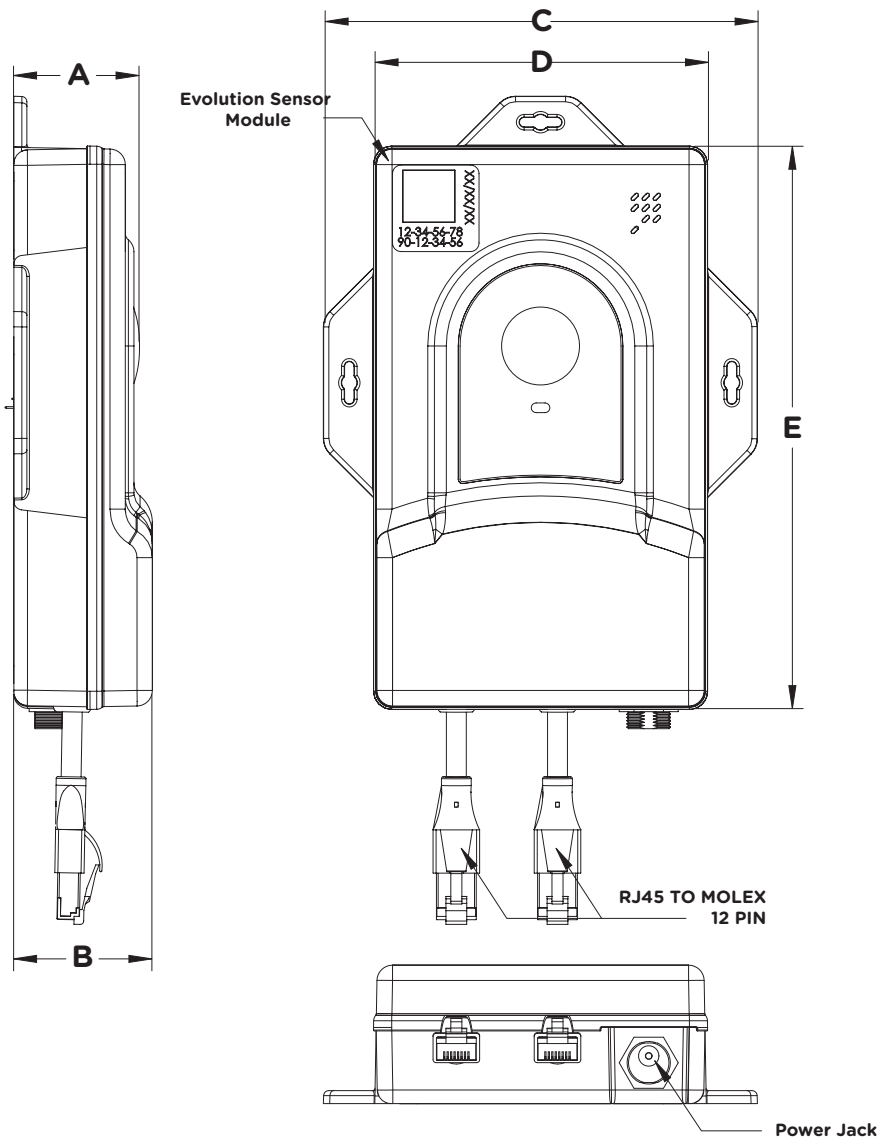
<p>Model Numbers</p> <p><input type="checkbox"/> EVOUM1KIT Single Utility Meter - (1) Flow Metering Sensor cable included</p> <p><input type="checkbox"/> EVOUM2KIT Compound Utility Meter - (2) Flow metering Sensors cables included</p>	<p>Feature Highlights</p> <ul style="list-style-type: none"> • Flow Sensor Module • 24V DC Power Supply 60" • 2 Meter length Flow metering Sensor - (2) cables included with EVOUM2KIT)
<p>Repair Parts</p> <p><input type="checkbox"/> EVOAPWR24 Replacement Power Supply 24VDC</p> <p><input type="checkbox"/> EVOUMS-2M Replacement Flow Metering Sensor, 2 Meter</p> <p><input type="checkbox"/> EVOUMS-7M Optional Flow Metering Sensor, 7 Meter</p> <p>EVOUMS-7M not included in KIT - Please order on separate line if needed.</p>	<p>Warranty</p> <p>Limited Lifetime - to the original end purchaser in consumer/residential installations.</p> <p>10 Years - for commercial/industrial installations. Refer to www.symmons.com/warranty for complete warranty information.</p>  <p>Compliance</p> <ul style="list-style-type: none"> • IC: 24889-WW08189 • FCC ID: 2ASQP-WW08189 <p>This device complies with part 15 of the FCC Rules.</p>

Architectural/ Engineering Specification

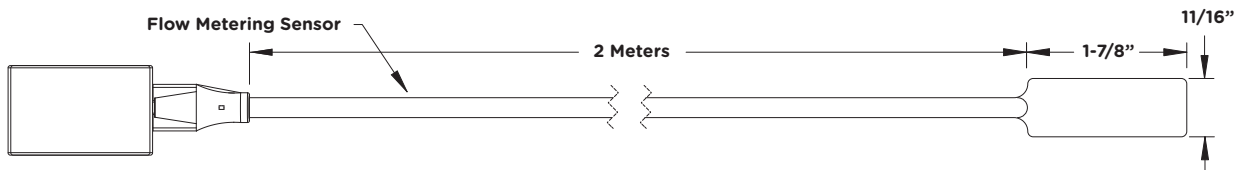
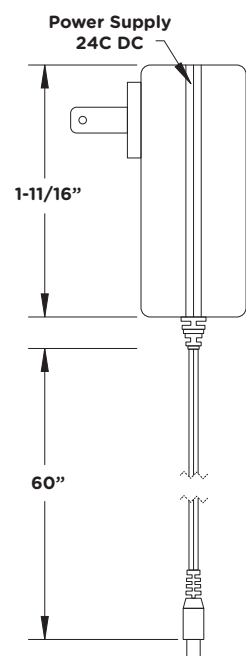
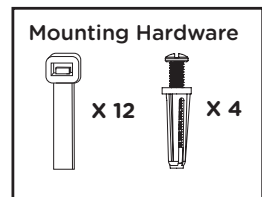
Symmons Evolution EVOUM1KIT Includes flow sensor module, 24 V DC power supply, 2 Meter Remote Magnetic Field Sensor. 10 Year Commercial Warranty. FCC rules compliant.

Symmons Evolution EVOUM2KIT Includes flow sensor module, 24 V DC power supply, (QTY 2) 2-Meter Remote Magnetic Field Sensor. 10 Year Commercial Warranty. FCC rules compliant.

Dimensions



Measurement	
A	1-7/16"
B	1-5/8"
C	5"
D	3-7/8"
E	6-1/2"



Install Gateway

1. Location

Find a central location for the Gateway. Location should be a secure area not enclosed in metal. Recommended locations include:



Mechanical Room



Admin. Office



Front Desk

1. Connect Gateway Hardware

- A.** Locate Gateway, Power Adapter, (1x) Thin Antenna, (2x) Wide Antennas



- B.** Connect Antennas and Power Adapter to the back of the Gateway



Note: After plugging the Gateway power adapter into an outlet, it could take a few minutes to boot up.

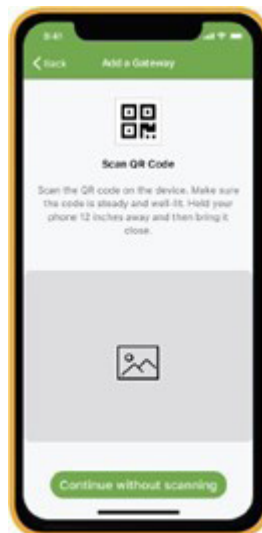
Customer App Setup

1. Create and Configure Customer Property
2. Create Customer account & send Email Invitation
3. Customer Logs into water.symmons.com
4. Download the Evolution App for iOS or Android and Sign-In



Scan the Provided QR Code with your Smartphone or camera to download the evolution App.

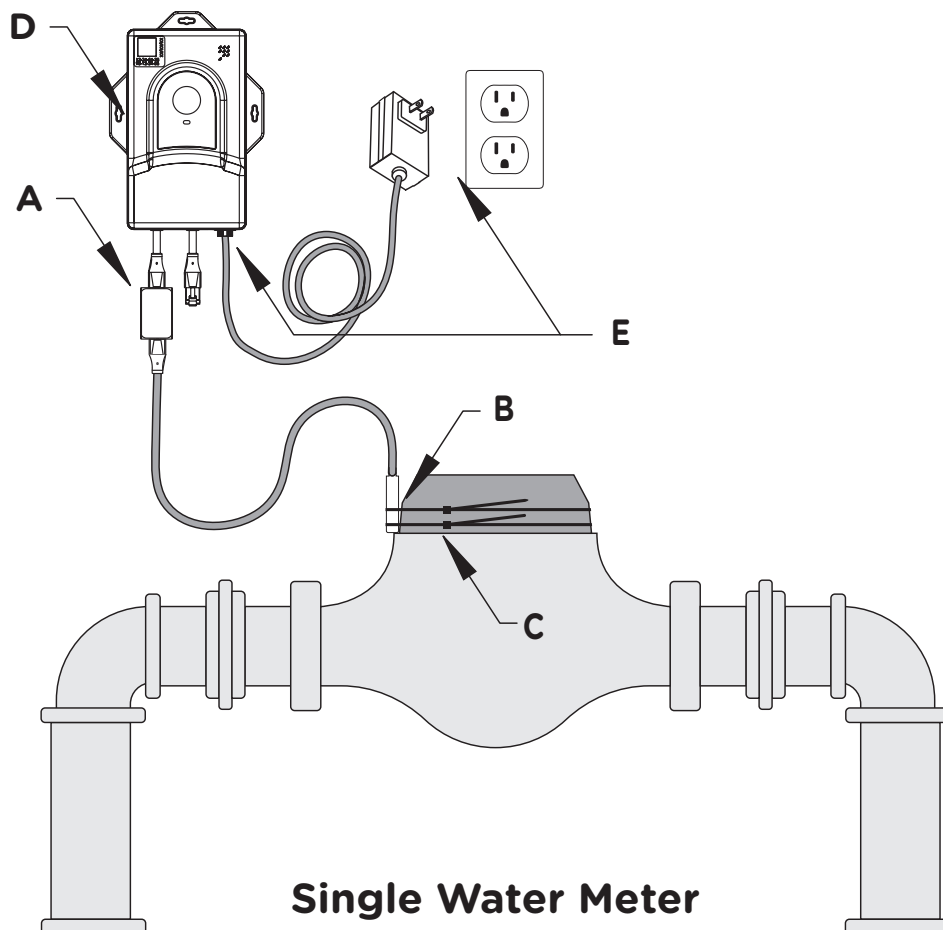
5. Scan Gateway QR Code and Complete In-app Steps



Single Utility Meter Installation

1. Sensor and Module Installation

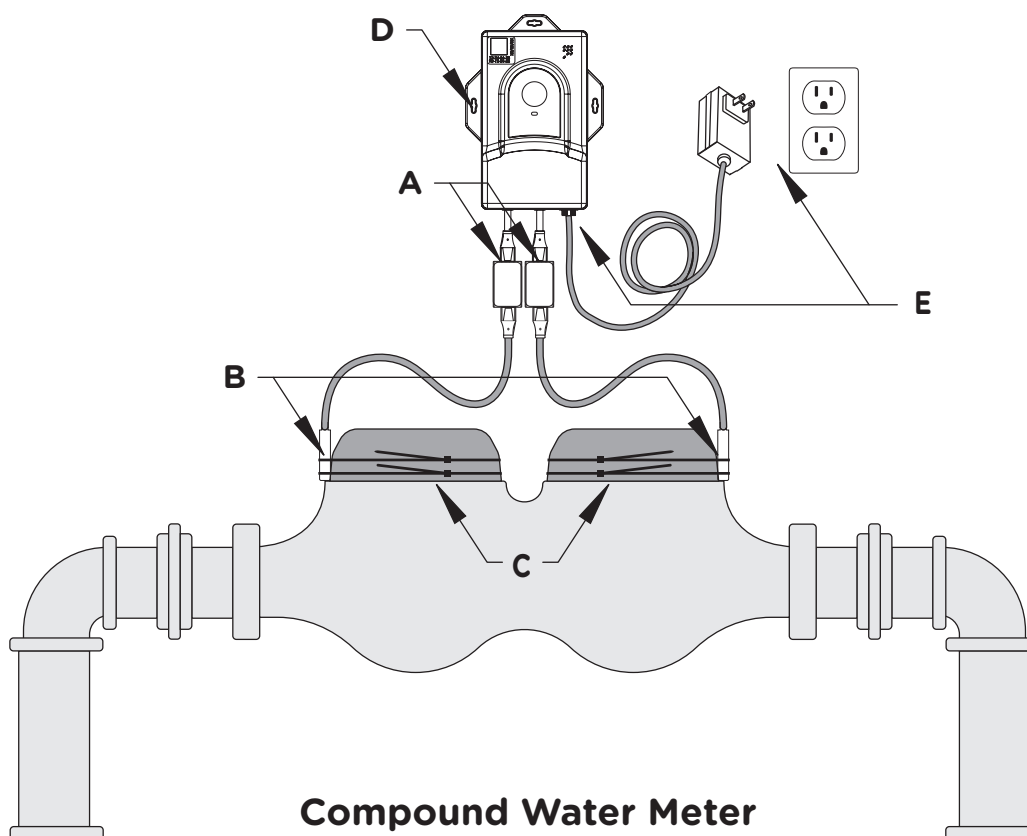
- A.** Plug in Flow Metering Sensor Cable to one of the two Male RJ45 on the Evolution Sensor Module
- B.** Place the sensor cable chip flat side facing the water meter
- C.** Secure sensor cable chip on water meter with Provided zip ties
- D.** Secure Evolution Sensor Module in desired location using provided mounting hardware. (Screws, Anchors or Zip-ties)
- E.** Connect the Power Supply Jack into the Evolution Sensor Module then plug the provided Power Supply into a 110VAC Outlet



Compound Utility Meter Installation

1. Sensor and Module Installation

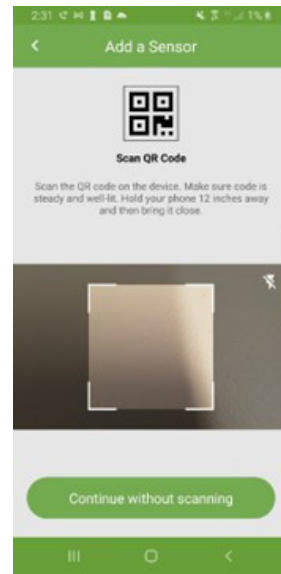
- A.** Plug in both flow meter cable to the Male RJ45 on sensor module
- B.** Place the sensor cable chip flat side facing the water meter repeat for second water meter. The two Sensors must be placed on the farthest point on the water meter from one another
- C.** Secure both sensor cable chip on water meter with Provided zip ties
- D.** Secure sensor Module in desired location using provide mounting. (Screws & Anchors or Zip-ties)
- E.** Connect the power supply Jack into the Evolution Sensor Module then plug the provided power supply into a 110VAC Outlet



Single Utility Meter Installation

2. Sensor Module App Setup

- A. Scan Sensor Module QR Code
- B. Complete App Steps



3. Meter Reading

- A. Take Meter Reading from a Photo
- B. Read digits / dial. Estimate last digit between "hash" marks
- C. Check Meter units (ex. Cubic Feet or Gal)
- D. Avoid register voids and rollovers

