

GrowControl™ SXF series precision digital sensor transmitters and controllers for inline flow and temperature feature an advanced flow sensor with no moving parts. Vortex flow meters create eddies as water flow through which are picked up and converted to a flow reading by an acoustic sensor. SXF flow meters have no moving parts and won't jam or clog with small debris and minor sludge.

Color LCD display and button interface model allows instant access to sensor readings, guided calibration, alarms, historical graphing and more. Internal memory logs over 20,000 data points per sensor. Connects to Agrowtek's GrowControl™ GCX Cultivation Controllers as part of a complete facility control solution.

LX1 USB AgrowLink connects the GrowNET™ port to a PC with free PC software for datalog download, graphing, calibration, configuration, firmware updates, etc. LX2 ModLINK™ connects GrowNET™ devices to RS-485 for MODBUS RTU protocol communication.

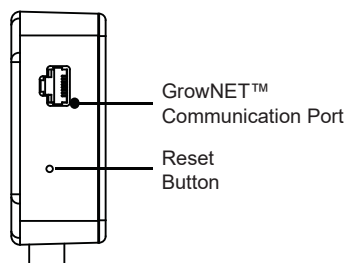
*SXHF model also available with pH and conductivity sensing in addition.  
Made in USA. Flow sensor made in Germany.*



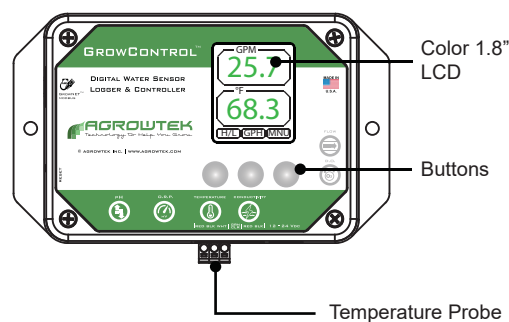
1" model shown with optional temperature manifold.

## Features

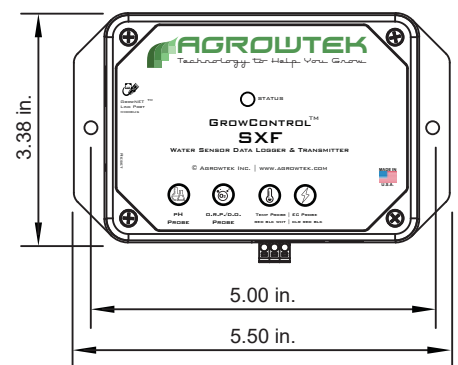
-  Water Temperature  
-20 - 60°C x 0.1°
-  Digital Flow Detection  
No Moving Parts
-  Color LCD display for sensor monitoring & graphing (optional)
-  Made in USA
-  GrowNET™ port for connection to AgrowDose Pumps, LX1 USB link or LX2 ModLINK
-  MODBUS RTU for industrial PLC applications  
Power Input: 12-24Vdc
-  Durable splash-proof ABS plastic enclosure  
Conformal coated circuit boards
-  1-Year Warranty



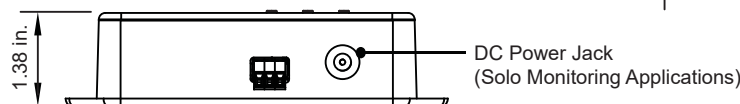
SXFM with Display



SXF without Display

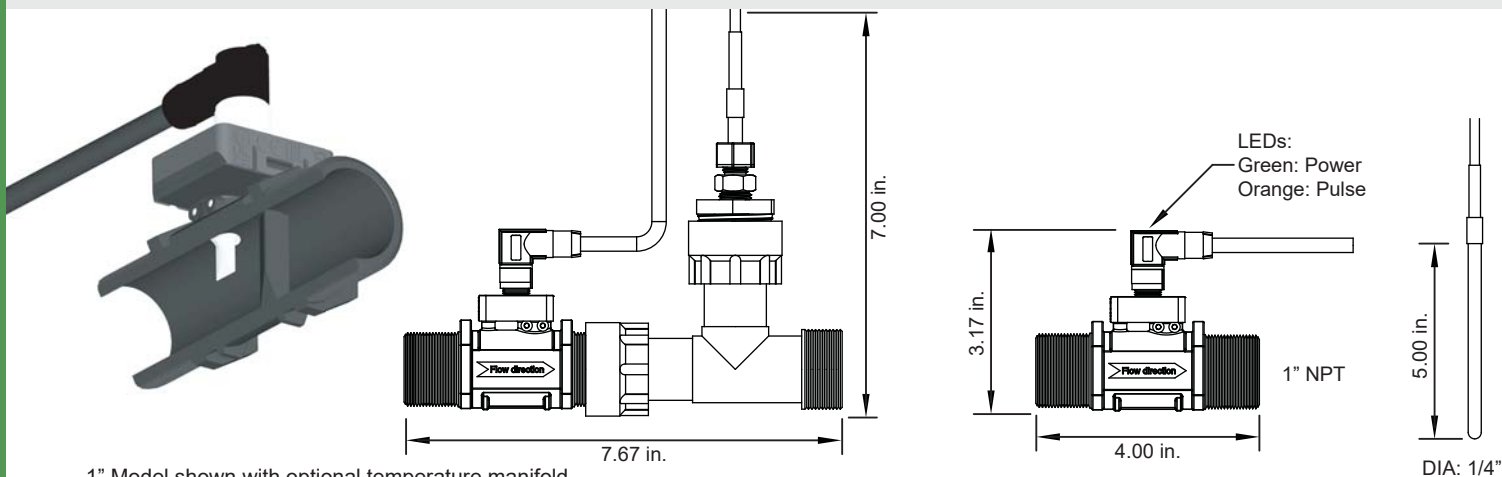


| Model  | Flow        |
|--------|-------------|
| SXF-10 | 2-40 gpm    |
| SXF-15 | 3.2-66 gpm  |
| SXF-20 | 5.8-106 gpm |



# SXF

## Precision Liquid Flow Monitor



1" Model shown with optional temperature manifold.

### Applications



Greenhouses & Indoor Growing Facilities



Aquarium



Analytical, Data Logging research & academic applications



Industrial Processes, PLC's



Pool & Spa



OEM & custom applications

### GrowControl™ GCX Controller

### USB

### MODBUS



Connect to GrowControl™ Cultivation Controllers for advanced functions as part of a complete facility control solution. GrowControl™ GCX systems feature intelligent control functions optimized for today's complex growing environments.

Connect GrowNET™ devices directly to a computer using the LX1 USB AgrowLINK™ and free PC software for data logging and monitoring.

GrowNET™ devices are easy to implement on PLC systems with MODBUS RTU and a LX2 ModLINK interface. Multiple GrowNET™ devices can be connected to an interface with HX8 GrowNET™ hubs.

### Ordering Options

SXF M - 10 - K

Kit Includes Flow & Temperature Sensors  
 10: 1" Polymer Flow Sensor  
 15: 1.5" Brass Flow Sensor  
 15S: 1.5" Stainless Steel Flow Sensor  
 20: 2" Brass Flow Sensor  
 20S: 2" Stainless Steel Flow Sensor  
 LCD Display & Button Interface

### Optional Accessories



**PBX-110**  
Temperature Probe Manifold



**LX1**  
USB AgrowLINK™



**LX2**  
RS-485 ModLINK™