



Smart Security System

Manual



Smart Skimmer Security
SSS-120



Smart Temp Security
STS-120



Smart Level Security
SLS-120

List of Parts (Can Be Purchased Separately)

Item	Picture	Description
AC Switch		<ol style="list-style-type: none">1. Wired with each sensor2. To connect the equipment to be safeguarded3. Wire length of the sensor : 10 feet (300 cm)
Smart Skimmer Security SSS-120		<ol style="list-style-type: none">1. AC Switch wired with magnetic skimmer sensor2. Wet-side magnet with a prism3. Smart Skimmer Security can prevent your protein skimmer from overflowing.
Smart Temp Security STS-120		<ol style="list-style-type: none">1. AC Switch wired with magnetic temperature sensor2. Dry-side magnet3. Smart Temp Security can prevent your aquarium from overheating or overcooling.
Smart Level Security SLS-120		<ol style="list-style-type: none">1. AC Switch wired with magnetic level sensor2. Dual sensor with a dry-side magnet3. Smart Level Security can prevent your aquarium from overflowing or equipment running dry.



Caution : Risk of Injury from Strong Magnets

Installation

1. Mount the sensor.*



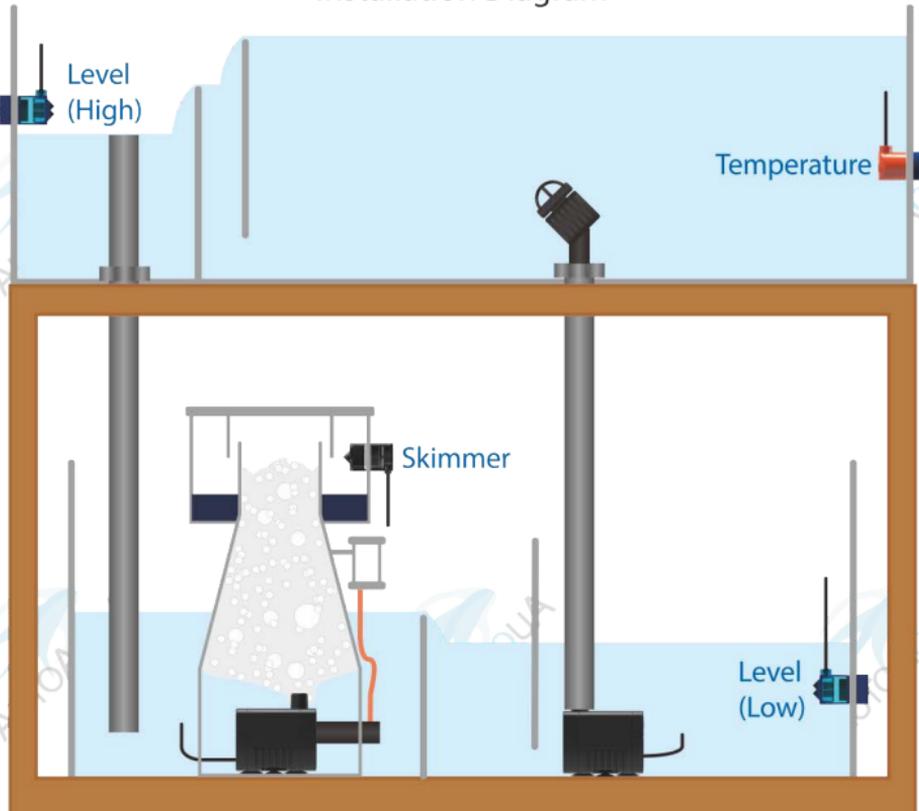
2. Connect the equipment power to the AC Switch.



3. Plug in the AC Switch.

*Please set the sensor away from water outlet and direct light to avoid bubble interference or malfunctions.

Installation Diagram



Reminder & Alarm

When the alarm goes off, please unplug the AC Switch first, and then eliminate the problems.

Model	Reminder / Alarm	Description
Skimmer	AC Switch flashing blue with audible alarm	1. The sensor and the wet-side magnet are not aligned well. 2. The collection cup wall is not clean.
	AC Switch flashing red quickly with audible alarm	The waste water level in collection cup reaches the sensor.*
Temp	AC Switch flashing red quickly with audible alarm	The temperature is higher than 84°F/29°C.
	AC Switch flashing red slowly with audible alarm	The temperature is lower than 72°F/22°C.
Level	AC Switch flashing blue with audible alarm	Sensors are not set both in the water or out of the water.
	AC Switch flashing red quickly with audible alarm	The water level is higher than normal water level.
	AC Switch flashing red slowly with audible alarm	The water level is lower than normal water level.

*The alarm of Smart Skimmer Security will be cleared automatically if the waste water level in collection cup goes back to normal.

Auto Time Delay

Smart Security System has auto time delay function for equipment power-on and sensor detection to prevent false alarms due to power outages.

Model	Power-On Delay	Detection Delay
Smart Skimmer Security	2 min.	2 min.
Smart Temp Security	10 sec.	2 min.
Smart Level Security	10 sec.	2 min.

*The delay starts when the AC Switch is plugged in or the power is restored. AC Switch flashes blue during detection delay.

Specifications

1. Power Input / Output : 100-240 VAC, 10 Amp
2. Max. Power : 1100 W for 110 VAC / 2200 W for 220 VAC
3. Max. Mounting Thickness : Temp & Level Sensor : 1/2 inch (12.7 mm)
Skimmer Sensor : 5/16 inch (8 mm)
4. Temperature Security Range : 72°F-84°F ± 0.5°F(22.2°C-28.8°C ± 0.5°C)

Notice

1. Please keep the AC Switch dry.
2. Each product should be used for its intended purpose.
3. Any incorrect operation will not be warranted and will result in a repair fee.

Limited Warranty

1. Limited warranty is provided by AUTOAQUA only if your AUTOAQUA Product ("Product") was purchased from an authorized distributor or an authorized reseller.
2. All warranty repairs or replacement are performed by the authorized distributor or authorized reseller in the region where the Product was first shipped by AUTOAQUA.
3. The limited warranty is valid for a period of 1 year under proper installation and normal use from the date of the original purchase listed on the proof of purchase or sales receipt.
4. In the event of a limited warranty claim, proof of purchase or sales receipt (issued to the original purchaser) is required.

Purchase Date

(Y/M/D)

Warranty Period

One year from the purchase date

Place of Purchase

(Store name, phone, email, address)

Service

AUTOAQUA Technologies Co., Ltd.
7F-7.,NO.229,Fuxing 2nd Rd.,Zhubei
City, Hsinchu County,Taiwan
E-mail : service@autoaqua.com.tw
www.autoaqua.com.tw

* Please go to AUTOAQUA website to
get the distributor information.

