



Smart ATO *Lite*




Manual



Model

SATO-260P

List of Parts (Can Be Purchased Separately)

Item	Picture	Description
Smart ATO Lite Controller		Auto Top Off with Dual Sensors Max Mounting Thickness : 1/2 inch (12.7 mm)
Power Adapter		Universal Power Supply
Universal Tube Holder		For rimmed or rimless aquariums up to 1/2 inch (12.7 mm)
DC Refill Pump		Head : 8.2 ft (250 cm)
Siphon Break		A connector to break the siphon
Tubing 6 ft (200 cm)		Used with DC refill pump

Installation

1. Mount the dual sensors at the normal water level (with the water level reaching the lower one) on the tank/sump with the magnet.*
2. Connect one tube with the pump. Plug the siphon break into tubes, keep it higher than the water level of the reservoir, and set up the water tube by the universal holder.
3. Connect both of the DC pump and power adapter with the controller and then connect power.

*Please avoid setting up the sensor in an area with micro bubbles.



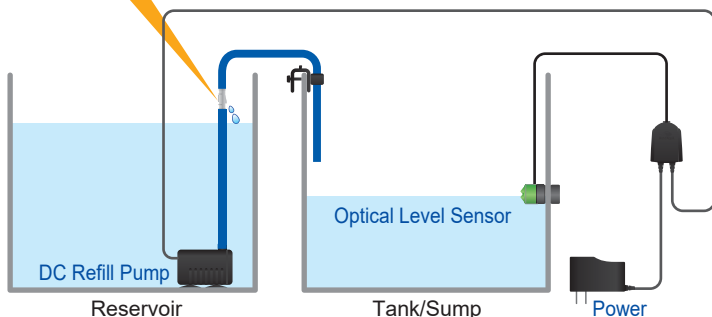
Caution : Risk of Injury from Strong Magnets



Siphon break must be higher than the water level in the reservoir.

Air In : Siphon break allows air in to break the siphon when the pump turns off.

Water Out : Water drops out of the hole are normal when the pump is on.



LED Indicator

LED Color	Status	Description	Action
Alternating Blue & Red LED	Flashing	Boot-up	N.A.
Blue LED	Solid	Power on	N.A.
	Flashing	Refilling/Pumping	N.A.
	Flashing quickly for a short time**	The fail-safe sensor senses the water level changes.	N.A.
Red LED*	Flashing	QST alarm: 1. Bubble interference 2. Empty reservoir	1. Clean the sensor or move it to an area away from micro bubbles. 2. Refill the reservoir.

*Please follow the instruction above to fix issues and then unplug the power and plug it back in.

**For very small aquariums, the top sensor may be triggered after each top off. This is normal and no action is required.

Specifications

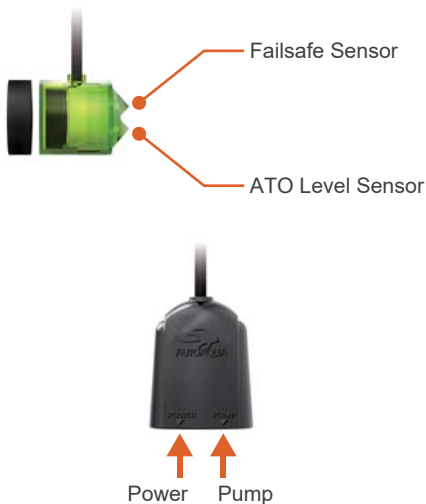
- Power Input : 100-240 VAC 50-60 HZ
- DC Pump :
 - Head : 8.2 ft (250 cm)
 - Flow Rate : 74 gph (280 lph)

Quick Security Technology (QST)

Smart ATO Lite uses QST for real-time protection against any failure situation. The controller will give a visual alert when it senses any other refilling time is 6 times longer than the first refilling time.* QST can detect the malfunction of the sensor or the controller, and the empty reservoir to avoid the pump running dry. For example, if the first refilling time is 10 sec, it will alert when any other refilling time is over 60 sec.

***Note : No security time control for the first refilling.**

Controller & Dual Sensors



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.





標準版-智能雙感應自動補水機 **Smart ATO Lite**

使用說明書



Model

SATO-260P

配件清單 (可單獨購買)

配件	圖片	說明
標準版-智能雙感應 自動補水機控制器		控制器及雙感應探頭 最大安裝厚度： 12.7公厘 (1/2 英吋)
直流變壓器		國際全電壓直流變壓器 100-240 VAC
通用水管支架		適用於厚度12.7公厘 (1/2 英吋) 以內之邊條缸及非邊條缸
DC直流補水泵		揚程：250 公分 (8.2 英呎)
破虹吸管		破除虹吸現象之連接管
水管 2 公尺 (6.5 英呎)		搭配DC直流補水泵使用

安裝說明

1. 將雙感應探頭所附之磁鐵吸附於底缸或主缸內之正常水位位置，水平面對齊下探頭。*
2. 將水管一端連接於DC直流補水泵，另一端插入破虹吸管，破虹吸管位置需高於儲水缸之水平面，並以水管支架固定。
3. 將DC直流水泵及直流變壓器連接至控制器。

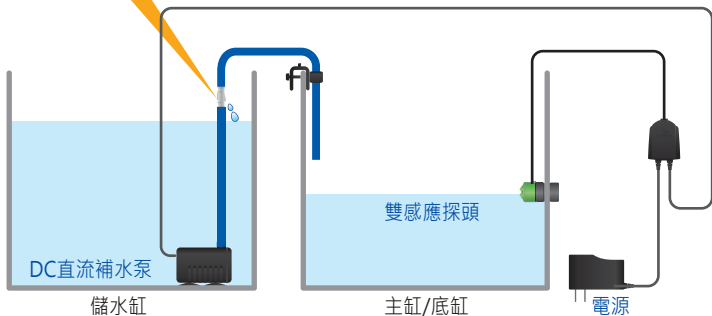
*請避免將雙感應探頭裝於有氣泡之區域，以免除氣泡干擾誤判。



警告：請慎防強力磁鐵造成受傷



破虹吸管需安裝在儲水缸內，且須高於水面。
 空氣進入孔：當補水泵停止運作時，空氣可透過破虹吸管的小孔進入阻斷水流，達到破虹吸的效果。
 滴水現象：補水泵運作時，些許水滴會從小孔滴出，這是正常現象。



LED指示燈號

LED 燈號	狀態	說明	解決方法
紅藍交錯	閃爍	開機	無
藍色	固定	待機中	無
	閃爍	補水中/水泵啟動中	無
	短時間內快速閃爍**	上感應探頭偵測到水位變化	無
紅色*	閃爍	QST警報： 1. 有氣泡干擾 2. 儲水缸缺水	1. 清潔探頭或將感應器移至無氣泡區域 2. 儲水缸加水

*請依照上述解決方法排除問題，並拔掉電源插頭再重新插上。

**在小缸裡，上探頭可能會於每次補水時觸發藍燈短暫閃爍，此為正常現象請無須動作。

規格

1. 電源輸入：100-240 VAC 50-60 HZ
2. DC直流補水泵：
 - 揚程：250 公分 (8.2 英呎)
 - 流速：280 升/小時 (74 加侖/小時)

快速保險控制技術 (Quick Security Technology, QST)

標準版-智能雙感應自動補水機採用QST技術以及時防止任何故障狀況。當感應器偵測到任一次補水時間超過第一次補水時間的6倍長時，將會發出警報燈號。*** QST技術可偵測感應器或控制器異常，以及偵測儲水桶缺水狀態，避免補水泵空燒。**

例：第一次補水時間為10秒，則任一次補水時間超過60秒時將發出警報燈號。

***重插拔電源後第一次補水則無保險機制。**

控制器及雙感應探頭



保固條款

1. 保固服務為有限保固，僅適用於澳多科技有限公司正式授權之經銷商所販售之產品 (以下稱為產品)。
2. 保固服務由澳多科技有限公司授權銷售產品之經銷商權責提供。
3. 產品在正常使用情況下，自購買日起享有一年的保固服務。
4. 消費者如有保固服務需求時，需提供購買發票或證明供澳多科技有限公司及其授權之經銷商查核。

購買日期

(年/月/日)

保固期限

自購買日起一年內

銷售店家

(商店名稱/電話/email/地址)

保固服務

澳多科技有限公司

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