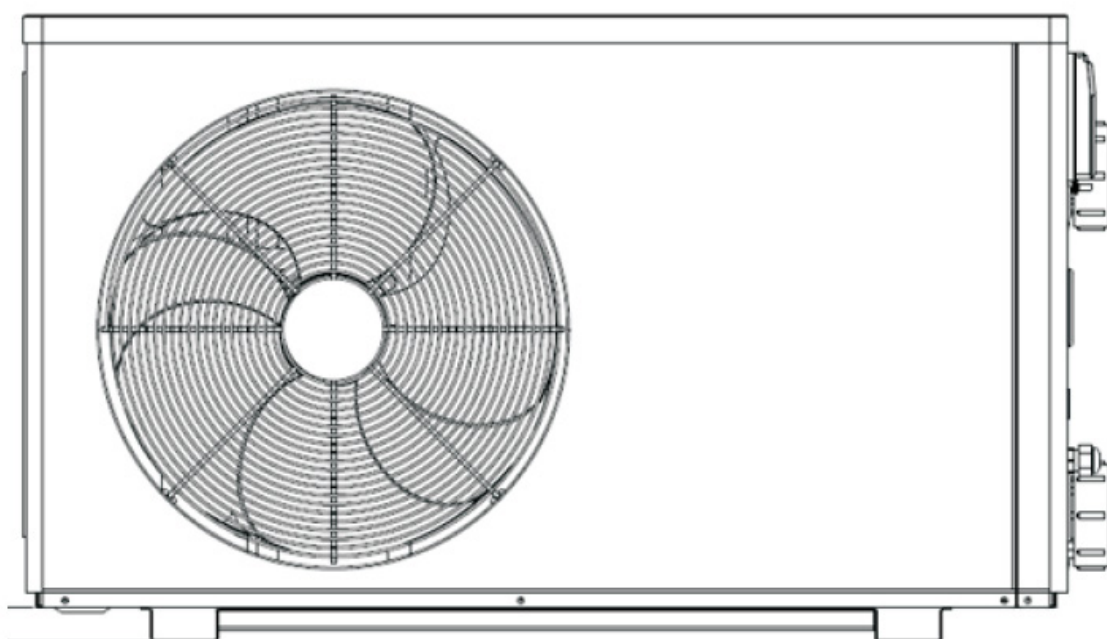


# Instruction of WIFI Controller for ON&OFF models



INSTALLATION  
AND USER GUIDE



VERSION 17. 01. 2020 / 05. 03. 2020

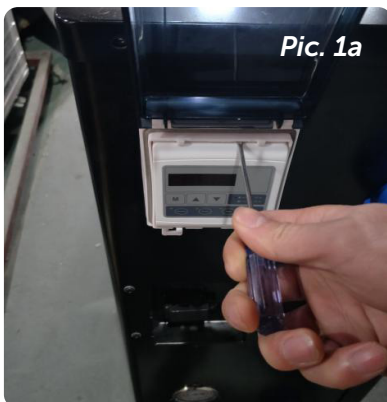
EN

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# How to replace the controller with WIFI

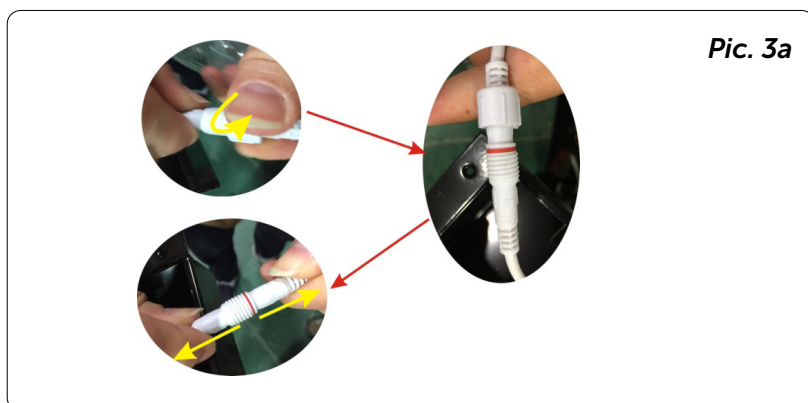
1.1 Open the waterproof box, then disconnect the cable, and take off the original controller.



Pic. 1a



Pic. 2a



Pic. 3a



Pic. 4a

1.2 Re-connect cable of new controller with the WIFI as below.

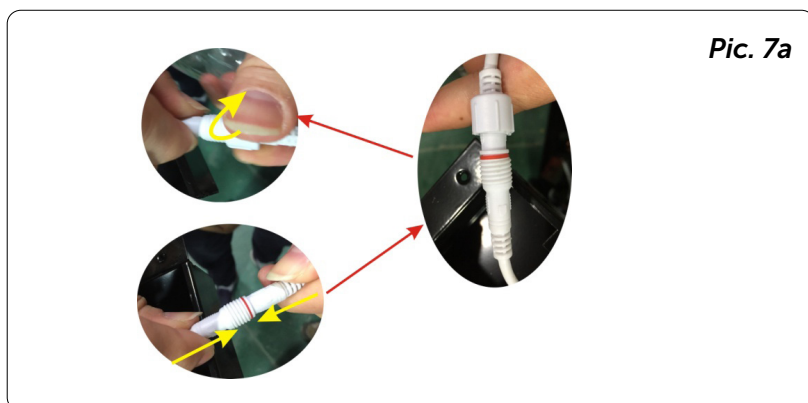
The WIFI antenna could be hidden in the controller box. Lastly fix the controller with WIFI back in the box



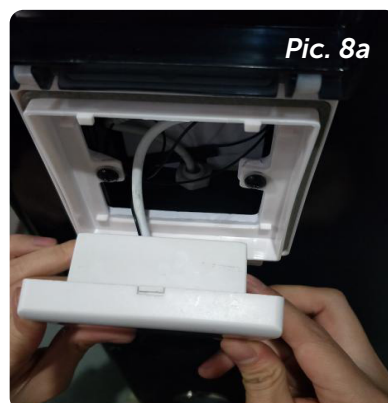
Pic. 5a



Pic. 6a



Pic. 7a



Pic. 8a

## 2.

## About "Alsavo Pro"

**Thank you for choosing the WIFI application to control your heat pump via your smart phone. The information control is synchronized with „Alsavo Pro“ APP and works through a connection (WIFI or 3G / 4G). During the first connection, your smart phone and the wifi controller must be on the same WIFI network. Subsequently, from your smart phone you can take control of your heat pump in 3G / 4G.**

With „Alsavo Pro“ APP, you can turn on and off your heat pump, adjust the water temperature, change the operating mode, adjust the clock and operating parameters in case of malfunction you are alerted.

Several heat pumps can be connected to the APP and several smart phones can control the same heat pump.

## "Alsavo Pro" APP Operation

3.1 Firstly download the "Alsavo Pro" APP from App store or Google play in your smart phone.

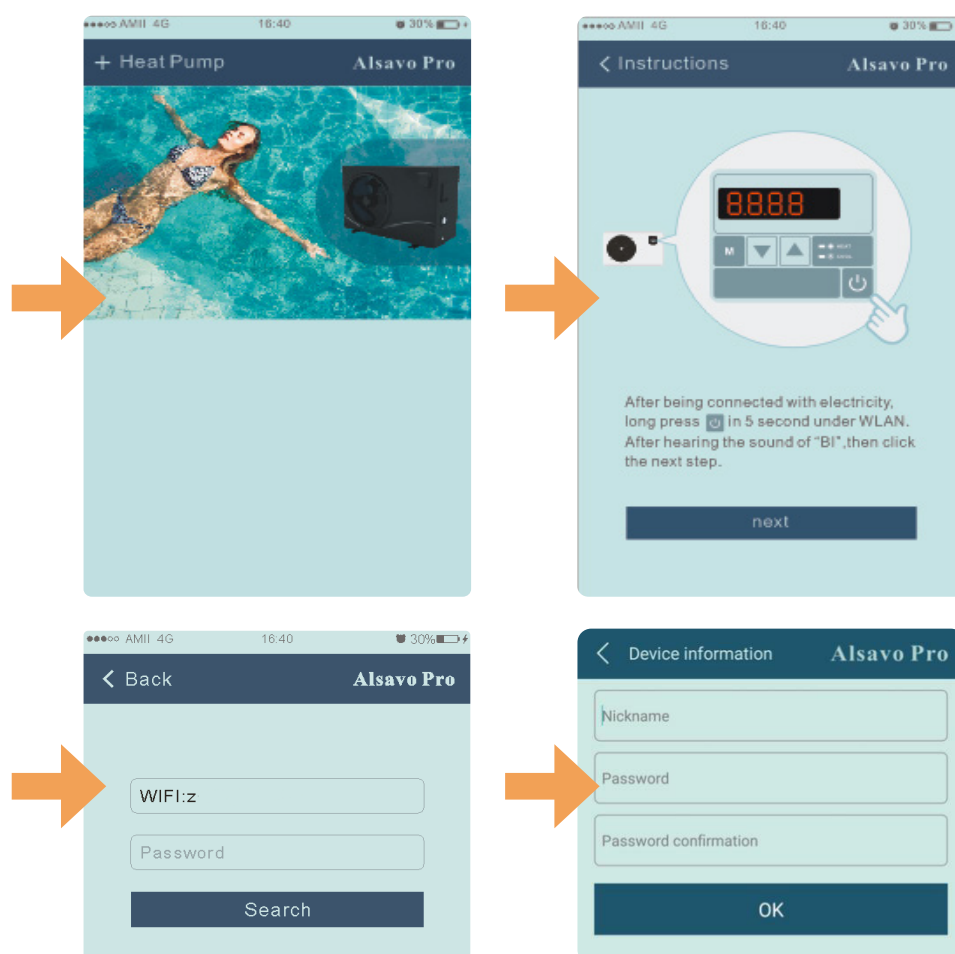
3.2 Open the "Alsavo Pro" app.

Click "+" on the upper left and select the "New device". Then Click "Next" and Enter the current WIFI password to connect. Then press „↓“ 5S on the display no matter it's ON or OFF. Or you can press „↓“ 5S on the display firstly, then enter the current WIFI password. The display will show F1 1,F1 2,until F1 6,which means the connect is OK.

**If the connection fails, the APP will indicate "Failed to connect device".**

„Nickname and password" interface only appear one time when new heat pump first successful connection. You can name and encrypt this unit. (If unsteady WIFI network, this interface may be missing. You will miss a chance to name and encrypt it. In this case, default password "123456" is available.)

If someone's app is in the same WIFI network as yours, his app could automatically identify your heat pump. And he can operate your heat pump after inputting your password.




# 4.




## How to use "Alsavo Pro"

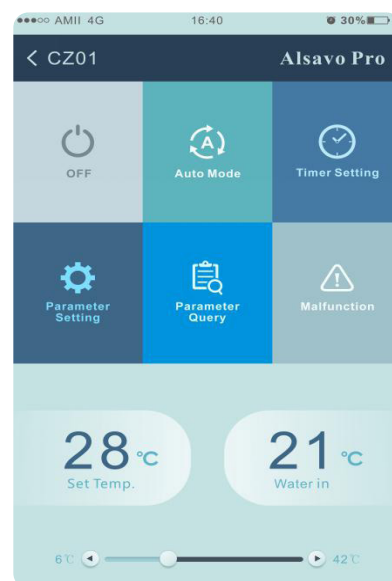
### 4.1 The main interface

### 4.2 Turn ON/OFF



Click the  to turn on or off the heat pump.


### 4.3 Switch the mode

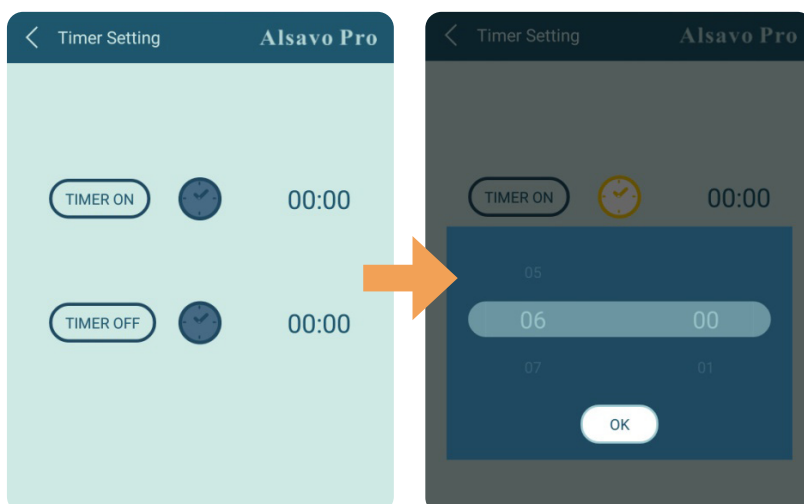
There are three modes (Auto mode, cooling or heating) for the ON/OFF unit. Click its icons to switch ( Auto mode,  heating,  cooling)



### 4.4 Timer Setting

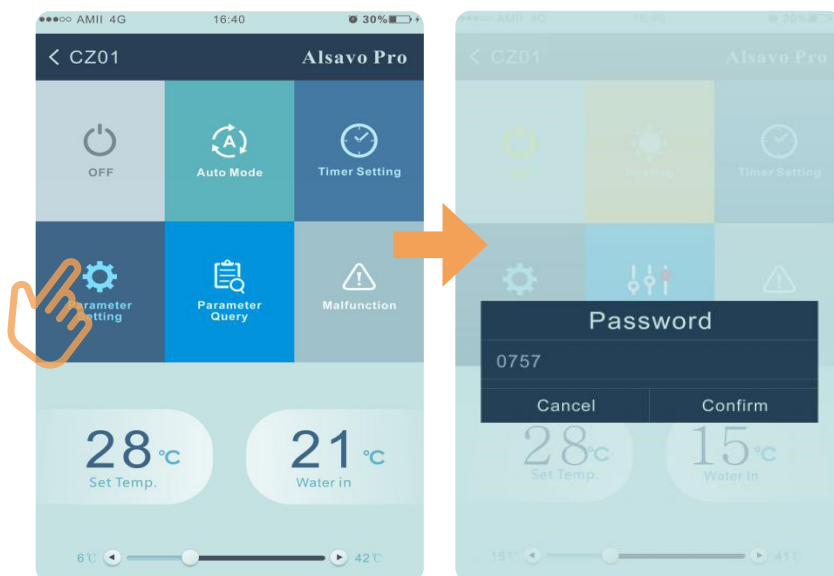
Click the , at first time, it turns . Timer on and off will be activated together. Then choose desired time in "timer on" and "timer off", lastly click "OK" to confirm.

Click  again, timer on and off will be disabled



### 4.5 Parameter setting

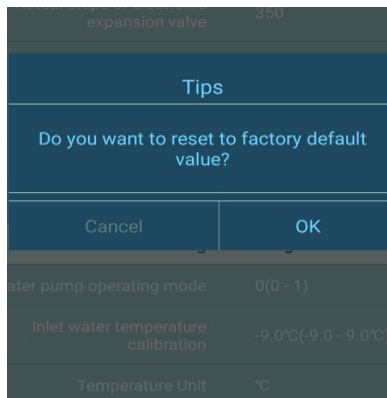
Click Parameter Setting  then enter the Password "0757".



## Parameter setting

Name	Range	Setting
Entry into defrosting time period	30 to 90Min	Adjustable
Terms of enter defrosting function	0 to -30 °C	Adjustable
Terms of exit defrosting	2 to 30 °C	Adjustable
Time of exit defrosting	1 to 12Min	Adjustable
Inlet water temp. calibration	-9.9 to 9.9 °C	Adjustable
Temperature unit		°C or °F

When do the re-set to factory default setting, pop-up tips whether you want to reset it.





< Parameter Setting		Alsavo Pro	
	Range	Setting value	
Entry into defrosting time period	30-90Minute	40Minute	>
Terms of Entry defrosting function	-30-0°C	-7°C	>
Terms of Exit defrosting	2-30°C	20°C	>
Time of Exit defrosting	1-12Minute	12Minute	>
Inlet water temperature calibration	-9.0-9.0°C	0.0°C	>
Temperature Unit		°C	>
Re-set to factory default setting			>

## 4.6 Parameters

Click Parameter query 

< Parameter Query		Alsavo Pro
Water In		24°C
Water Out		42°C
Heating pipe temperature		24°C
Gas return temperature		0°C
Ambient temperature		0°C
Exhaust temperature		0°C
Water temperature setting under cooling mode		7°C
Water temperature setting under Heating mode		41°C
Entry into defrosting time period		40Minute
Terms of Entry defrosting function		-7°C
Terms of Exit defrosting		20°C
Time of Exit defrosting		12Minute
Mode selection of Electronic expansion valve		0
Superheat for heating target		3°C
Superheat for cooling target		-2°C
Manual adjustment steps of electronic expansion valve		90
Actual steps of electronic expansion valve		90
Inlet water temperature calibration		0.0°C

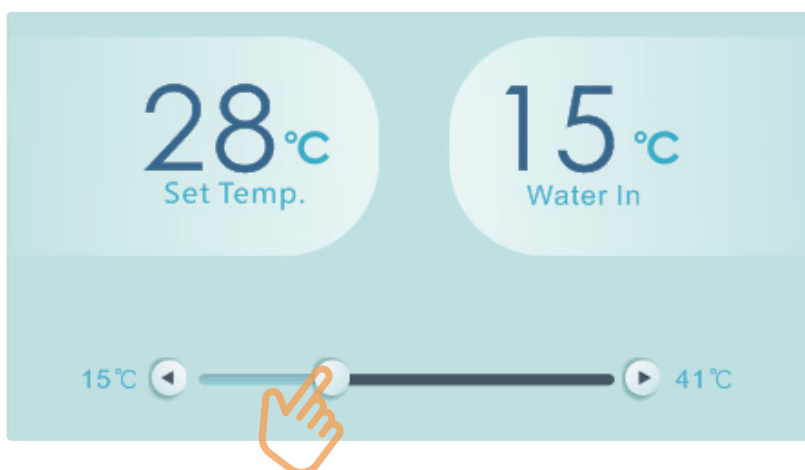
## 4.7 Malfunction

If error occurs, the Malfunction icon  turns red . Click it to check the Error.

< Malfunction Alsavo Pro	
Error code	Malfunction
PP1	Inlet water temperature sensor failure
PP2	Outlet water temperature sensor failure
PP3	Heating piping sensor failure
PP4	Gas return sensor failure
PP5	Ambient temperature sensor failure
PP6	Temperature difference between water in and water out malfunction
PP7	Cooling water too cold ; Antifreeze protection in Winter
PP8	Exhaust temperature sensor failure
EE1	High pressure failure
EE2	Low pressure failure
EE3/ON	No water flux or Water flow switch failure
EE4	The input power failure
EE5	Exhaust temperature (T6) too high protection
EE8	Communication failure between the controller and the main board

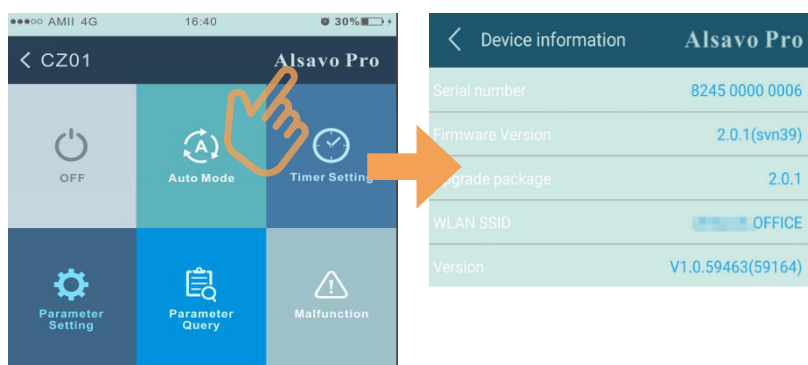
## 4.8 Set the desired temperature

You can set the target water temperature by adjusting the slider or press „◀“ or „▶“. The setting water temperature on the controller display correspondingly changes after letting go. When the setting water temperature on the display changes, it will be synchronously updated to the APP.




## 4.9 Check the device information

In the main interface, click the upper right "Alsavo Pro". The Device info will show up.





#### 4.10 Heat pump information in the homepage

Click “” you could rename, change its password and delete the device.



# Notes

Notes section with horizontal dashed lines for writing.

## Notes

Thank you  
for using ALBIXON  
products



**ALBIXON**

Call centrum: 477 07 07 11  
[www.ALBIXON.com](http://www.ALBIXON.com)

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