

## **Portable Air Conditioner**

**S01 S02 S03-Pro**

# SAFETY GUIDELINES

Thank you for purchasing this portable air conditioner. Please read the entire manual carefully before use. This manual serves as a general guide for operation of your portable air conditioner. Please note that some details may differ slightly from your specific model. However, the basic functions and safety guidelines outlined here will apply to your unit. While your machine may vary in certain aspects such as available modes or control panel layout, the fundamental operation and use should be consistent with what is described. Please take a few minutes to read through the manual fully and familiarize yourself with the features of your portable air conditioner before use. Refer closely to your unit itself to identify any variations from what is shown. Enjoy your new portable air conditioner!

1. Do not use a broken or unsuitable outlet.
2. Do not use the machine in the following situations.
  - A: Close to the source of the fire
  - B: Sites at risk of oil splashing
  - C: Avoid direct sunlight exposure
  - D: Sites at risk of water splashing
  - E: close to bathroom, shower room, pool.
3. Do not put fingers, or other slender objects, etc. into the air outlet, and be sure to tell children about these dangers.
4. In order to make the compressor place correctly, the machine should be placed in the direction indicated by the carton during transportation.
5. When cleaning the machine, be sure to cut off the power in advance.
6. Turn off the computer and disconnect the power supply before moving slowly when moving.
7. Do not cover the machine, otherwise there is a risk of fire.
8. Air conditioner installation should comply with national wiring codes and all power supplies should comply with British electrical safety standards.
9. Unplug the power plug when thunder rumbles.
10. Do not directly turn off the air conditioner with the power switch.
11. In case of abnormal phenomena such as burning smell, operation must be stopped and power cut off.
12. Children should be used under adult supervision and should not be used as toys.
13. This product is not suitable for the following groups: children, disabled people, mentally ill people, people with intellectual disabilities. Unless used under the supervision of a normal person.
14. Fuse type and parameters: T/F, 120V AC, 7A.

## Precautions for fluorinated gases

- 1.This product is a sealed unit filled with fluorinated gas. For information on specific gas types and quantities, refer to the relevant label on the equipment;
- 2.This equipment does not support users to add refrigerant by themselves;
- 3.The maintenance or repair of this device must be operated by certified technicians;

Please put this product apart from domestic garbage after it is scrapped. The scrap must comply with the local garbage disposal regulations. Before scrapping, the power cord must be cut off to prevent the device from being used again.

# WHAT'S IN THE BOX

## 1 Product Introduction

### 1.1 Product Overview

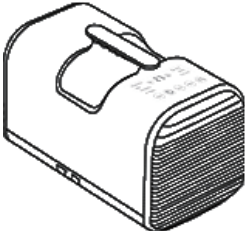
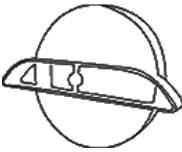




This product operates on 100V~240V alternating current (AC) power.

This air conditioning unit features the following operating modes:

- Cooling mode: To lower the ambient air temperature.
- Sleep mode: Automatically adjusts the temperature setting slightly higher for energy savings overnight.
- Dehumidification mode: Removes excess moisture from the air.
- Air supply mode: Circulates air without cooling or heating.

It consists of key components including a control board, remote control, digital display, sensors, compressor, and indoor/outdoor fan motors.

Safety and convenience features include antifreeze protection to prevent freezing, compressor cutoff after 3 minutes of continuous operation for protection, fault detection sensors, and memory to recall the last temperature setting after power interruption.

NO.	PICTURE	NAME	QTY
1		S01 S02 S03-Pro	1
2		Adapters	1
3		Drainpipe	1
4		Exhaust ducts	1
5		Remote control	1
6		Instructions	1

Product name		Portable air conditioner	Portable air conditioner	Portable air conditioner	
Product model		S01	S02	S03-pro	
Rated voltage/frequency		115V~60Hz	115V~60Hz	12V/24V/115V~60Hz	
Capability and performance parameters	Cooling capacity		1200W	1400W	1400W
	Heat generation				
	Rated current	Rated operating conditions	5.0A	5.5A	5.5A
	Rated power		490W	600W	600W
	Maximum input current		6.5A	6.5A	6.5A
	Maximum input power		650W	700W	700W
	Maximum working pressure on the suction/exhaust side		0.6/2.6 MPa	0.6/2.6 MPa	0.6/2.6 MPa
	Maximum permissible pressure on the suction/exhaust side		2.6 MPa	2.6 MPa	2.6 MPa
	Maximum working pressure of the heat exchanger		2.6 MPa	2.6 MPa	2.6 MPa
	Circulating air volume		180m3/h	280m3/h	280m3/h
Refrigerants		R290/80g	R290/100g	R290/100g	
Protection against Class I electric shock category		Class I	Class I	Class I	
Noise		<42dB(A)	<42dB(A)	<42dB(A)	
Body dimensions		500x275x305mm	500x275x305mm	500x275x305mm	
Unit net weight		13kg	15kg	15kg	

Product name		Portable air conditioner	Portable air conditioner	Portable air conditioner	
Product model		S01	S02	S03-pro	
Rated voltage/frequency		220~50Hz	220~50Hz	12V/24V/220~50Hz	
Capability and performance parameters	Cooling capacity		1200W	1400W	1400W
	Heat generation				
	Rated current	Rated operating conditions	1.5A	2.1A	2.1A
	Rated power		490W	600W	600W
	Maximum input current		2.2A	2.7A	2.7A
	Maximum input power		650W	700W	700W
	Maximum working pressure on the suction/exhaust side		0.6/2.6 MPa	0.6/2.6 MPa	0.6/2.6 MPa
	Maximum permissible pressure on the suction/exhaust side		2.6 MPa	2.6 MPa	2.6 MPa
	Maximum working pressure of the heat exchanger		2.6 MPa	2.6 MPa	2.6 MPa
	Circulating air volume		220m3/h	280m3/h	280m3/h
Refrigerants		R290/80g	R290/100g	R290/100g	
Protection against Class I electric shock category		Class I	Class I	Class I	
Noise		<42dB(A)	<42dB(A)	<42dB(A)	
Body dimensions		500x275x305mm	500x275x305mm	500x275x305mm	
Unit net weight		13kg	15kg	15kg	

# CONTROL PANEL

① COOL

② SLEEP

③ DRY

④ FAN



⑧

23

⑨



⑩

HIGH ⑤

MED ⑥

LOW ⑦



⑪



⑫



⑬



⑭



⑮

1 COOL

2 SLEEP

3 DRY

4 FAN

5 HIGH

6 MED

7 LOW

8 DOWNSHIFT

9 UPSHIFT

10 PANEL

11 MODE

12 SWITCH

13 DRAIN

14 TIMER

15 FanSpeed

# Voice control commands

## Power on/off:

hello air conditioner|hello xiao Y  
turn on turn on the air conditioner  
open air conditioner  
turn off|turn off the air  
conditioning|close air conditioner

## Set Temperature:

turn up the temperature  
lower the temperature  
sixteen degrees  
seventeen degrees  
eighteen degrees  
nineteen degrees  
twenty degrees  
twenty one degrees  
twenty two degrees  
twenty three degrees  
twenty four degrees  
twenty five degrees  
twenty six degrees  
twenty seven degrees  
twenty eight degrees  
twenty nine degrees  
thirty degrees  
thirty one degrees  
thirty two degrees

## Setup Mode:

cooling mode|cold mode  
supply air mode  
dehumidification mode  
sleep mode  
low speed|low wind|low speed wind  
medium range wind|medium speed wind  
|medium range wind speed  
high grade wind|high speed wind|high  
wind|high grade wind speed  
stop free drainage  
wind increase  
wind speed reduction

## Function:

set mute  
cancel mute  
voice navigation  
enable voice control  
reduce the volume  
increase volume  
turn off voice control

## To cancel a schedule:

timing one hour  
timing two hours  
timing tree hours  
timing four hours  
timing five hours  
timing six hours  
timing seven hours  
timing eight hours  
timing nine hours  
timing ten hours  
timing eleven hours  
timing twelve hours

## cancel an appointment

book an hour  
two hour appointment  
three hour appointment  
four hour appointment  
six hour appointment  
seven hour appointment  
eight hour appointment  
nine hour appointment  
ten hour appointment  
eleven hour appointment  
twelve hour appointment

## voice navigation:

voice navigation  
timing thirteen hours  
timing fourteen hours  
timing fifteen hours  
timing sixteen hours  
timing seventeen hours  
timing eighteen hours  
timing nineteen hours  
timing twenty hours  
timing twenty one hours  
timing twenty two hours  
timing twenty three hours  
timing twenty four hours  
thirteen hour appointment  
fourteen hour appointment  
fifteen hour appointment  
sixteen hour appointment  
seventeen hour appointment  
eighteen hour  
appointmentnineteen hour  
appointment  
twenty hour appointmenttwenty  
one hour appointmenttwenty two  
hour appointmenttwenty three  
hour appointmenttwenty four  
hour appointment

Portable air conditioning product manual and installation explanation video  
(With Xiaomi distribution network, WeChat mini-program distribution network, and remote control manual)

Xiaomi distribution network

Add Device

① Open the Mi Home app, Then log in to your account, make sure your phone is connected to WiFi and Bluetooth, and reset your device at the same time.

13:47

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## Device Reset

### Zhengxi Outdoor Portable Air Conditioning

In the shutdown state, press and hold the wind speed button for 3 seconds, the buzzer will respond, the blocking indicator light will flash, and the device will enter the distribution network state; When the distribution network is successful or connected, the high gear indicator light will remain on for a long time;



product details

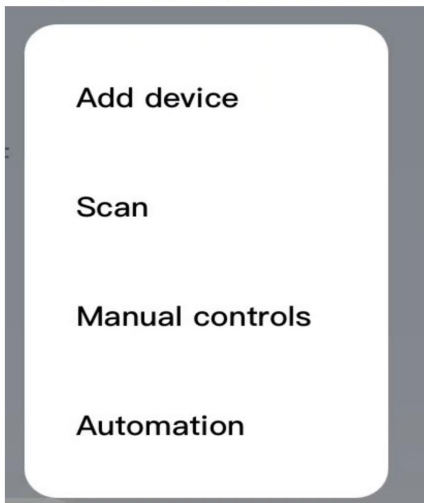
Next

② Click the "+" button in the upper right corner of the APP homepage to enter the add device page.

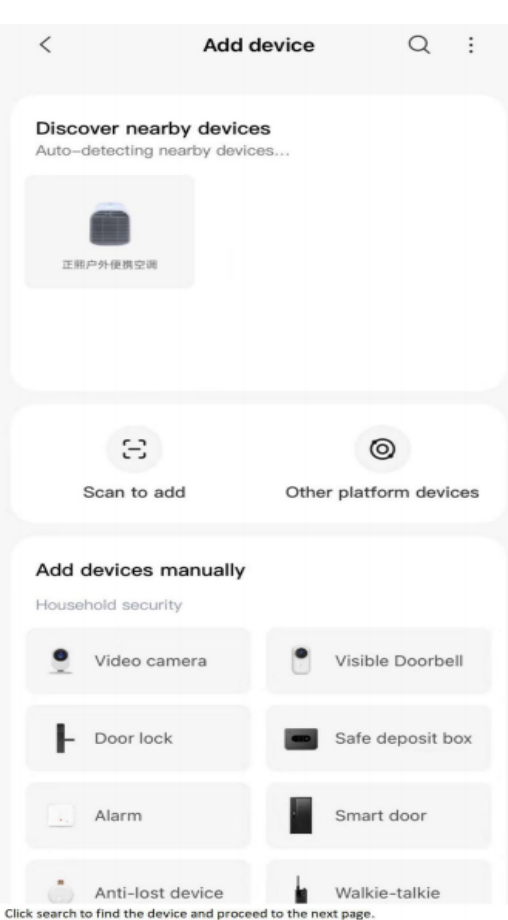
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③ Click on the "[+]" in the upper right corner of the add device page, scan the product QR code, and follow the prompts on the page to complete the device addition and use.



④ After completing the above steps, click on the network button of the device (press and hold the "wind speed button" for 3 seconds, and there will be 3 responses appear), and the app will display the following screen when the device is found.



Click search to find the device and proceed to the next page.

## Select Wi-Fi

This device only supports 2.4GHz Wi-Fi

Wi-Fi name only supports alphanumeric characters

正禾-51g

Select

Entering the incorrect Wi-Fi password is one of the most common reasons for failure, please double-check the Wi-Fi password.

Passwords must contain at least eight characters.

Next

⑥ After entering the correct WiFi account and password, click "Next" to enter the device networking progress. If the device is successfully connected, it indicates that the network configuration is complete. If the connection fails, please continue with the first step to reconfigure the network.

13:48



## Connect to device



Connected successfully

Connected to network

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Tips:When the product QR code cannot be scanned, the device can be added by searching for the product name.

In addition, due to the continuous upgrading and updating of the Mi Home app, the actual operation may differ slightly from the above description. Please follow the current instructions in the Mi Home app for operation.

**If the text description cannot be understood, for a more understandable method, you can check the video guide at the bottom of the page. If you want to learn more, you can [scan the product QR code](#) below.**



#### **WeChat mini Program Network Configuration Instructions**

- ① Prepare the device and turn on Bluetooth on your phone. Then, enter the WeChat mini program and search for Zhenghe Intelligence. Go to the homepage of the mini program and click on "Add Device" to move on to the next page.
- ② On the above page, you can view and click on the device list (ZXKT01 is the Bluetooth name of the device). Click on the device Bluetooth name to enter Bluetooth connection status. After successful connection, the mini program will enter the product device page.
- ③ Entering this page indicates that the device has successfully connected.
- ④ The device is in place, and Bluetooth connection method 2 can be used to connect and add devices by scanning the QR code.

## 2 Key instructions

### 1. "Switch" Key

Press the "Switch" key to turn on the air conditioner from standby mode. Press it again to enter standby mode when it is running.

### 2. "Mode" Key

Press the "Mode" key to switch between "Cooling", "Sleep", "Dehumidification", and "Air Supply" modes.

### 3. "Wind Speed" Key

In cooling and air supply modes, press the "Wind Speed" key to change the fan speed between high, medium, and low. This key is invalid in sleep and dehumidification modes.

### 4. "+/-" Keys

In cooling and sleep modes, press the "+/-" keys to adjust the set temperature. Press and hold both keys for 3 seconds to switch the temperature unit between Celsius and Fahrenheit.

### 5. "Drain" Button

When the water pump is running, press the "Drain" button to turn off the water pump. Press it again to restart the water pump and resume operation. Note: When turning off the water pump, connect the drain pipe to drain water to avoid overflow.

### 6. "Timer" Key

This key is only available on the remote control, not the display panel. Press the "Timer" key to set a timer to turn off when turning on. Use the "+/-" keys to adjust the timer-off duration. Press the "Timer" key to set a timer to turn on during standby. Use the "+/-" keys to adjust the timer-on duration.

## 3 Protection instructions

### 3.1 Compressor Protection

The minimum time before the compressor can restart after stopping is 3 minutes.

This 3 minute wait period is not required for:

- The first power on
- Within 3 minutes of powering off
- Within 3 minutes of powering back on after powering off

The only exception is within the 3 minutes before powering off.



After turning on, the compressor will run for at least 3 minutes. Even if conditions for shutoff are met, it will not shut off within the first 3 minutes unless the unit is powering off. This protection ensures the compressor operates for a minimum run time before each start/stop cycle.

## 3.2 Failsafe

Serial number	The name of the fault	Failure code Static display	Fault description	Troubleshooting	Illustrate
	Indoor ambient temperature failure	E1	The sensor is open or shorted	Stoppage	The query displays

Note 1: To query faults, long press the wind speed key and - key for 2 seconds. To exit fault query and resume normal display, long press the wind speed and - keys again for 2 seconds. Fault information will be lost after a power failure and need to be regenerated. Long pressing the wind speed and - keys for 2 seconds will query and display any faults, showing multiple faults simultaneously in order of priority if present.

## 3.3 Memory Function

1. Enter standby mode before powering off, or set a timer-based shutdown when powering on, then enter standby after powering on.
2. If power is turned on before powering off, it will resume operating in the original mode, with the previously set temperature, wind speed, temperature unit, water motor switch status etc. After powering off.

## 4 accessories

Illustration of the part	Part name	Part name
	Air conditioning host	1
	Drain pipe(optional)	1
	Remote control	1
	Instructions	1
	DRAIN PIPE (INNER DIAMETER 7MM)	1
	Screw(M3*8)	1

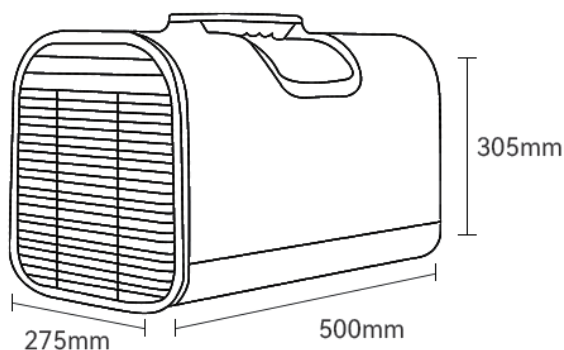
## 5 User Notice:

1. Upon purchasing the machine, please place it facing the direction indicated by the arrow on the packaging for 2 hours before powering on. Each time after powering off, you must wait at least 5 minutes before powering on again.
2. Before using the machine, please identify the cold air outlet and hot air outlet based on the markings on the unit. The upper outlets on both ends are air outlets, and the lower ones are air inlets. Strictly do not obstruct the air outlets. In front of the hot air outlet, leave an unobstructed space of at least 60cm. Leave a clearance of at least 10cm or more on both sides of the machine. Applicable ambient temperature: 1.3

- The power supply meets standards.
- The socket is available for AC power.
- It is forbidden to share the same socket with other electrical appliances at the same time.

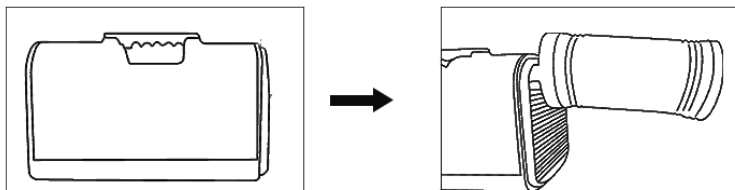
### 3.Placement Guide

After long-distance transportation, before use it for the first time, please place it flat for more than 30 minutes. Reserve enough heat dissipation space forth and back, as shown in the figure below.



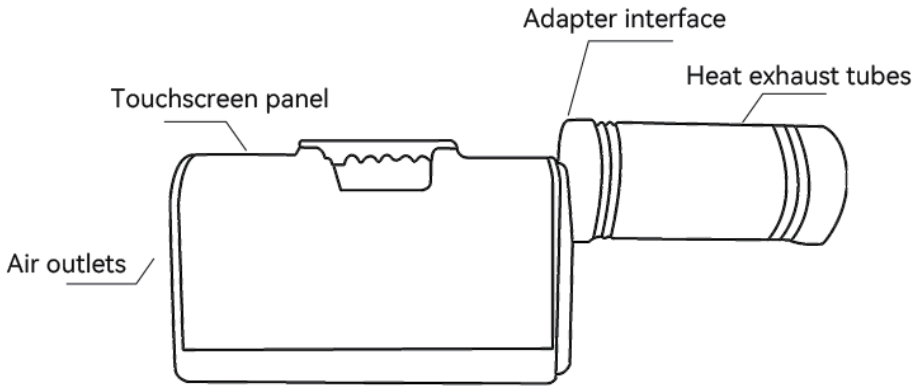
## INSTALLATION

Installing the cold-end fan shroud and duct.



Installing ventilation ducts.

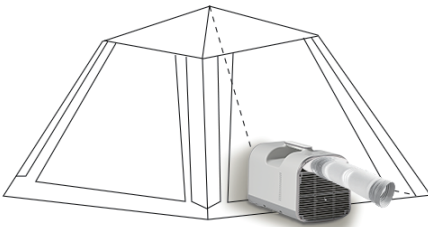
Installing the hot-end fan shroud and duct.



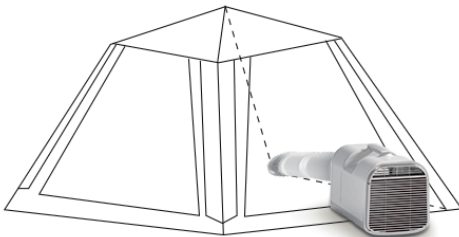
## USE SCENARIOS

### Tent

1. Place outside the tent with the cold air vent directed into the tent.



2. Place inside the tent with the hot air vent and drain tube directed outside the tent.



## Recommendations:

Pay attention to the insulation of the tent. If the tent has poor insulation, please cover the tent with a heat-insulating mat.

Pay attention to sealing, tents with ventilation holes, so please close or cover the ventilation holes.

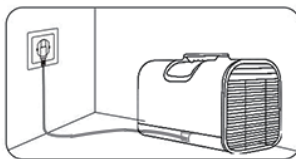
Pay attention to sunshade, you can use awnings to cover tents.

If the tent is large which exceeds the space cooling of air conditioner, please add another air conditioner, or create a small cooling space inside the tent with a cloth partition.

RV

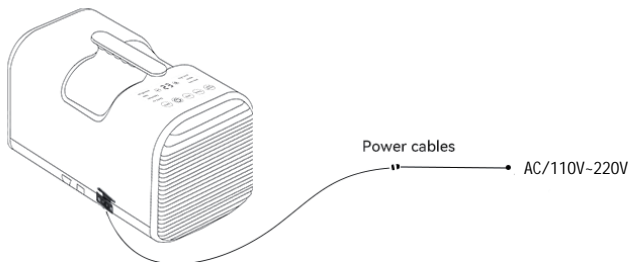


Indoors/kitchen

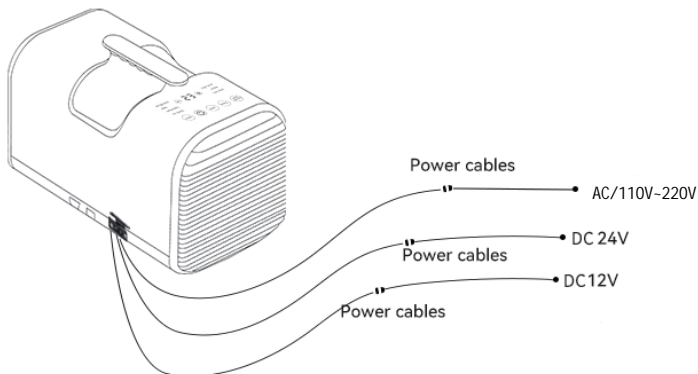


## POWER SUPPLY

- S01/S02: output voltage AC 110V-60Hz/220V-50Hz



- S03-pro: output voltage AC 110V-60Hz/220V-50Hz/DC12V/DC24V



# CARE INSTRUCTIONS

- Before cleaning or maintenance, turn the appliance off. Wait for a few minutes then unplug from the electrical outlet.

- Clean the appliance with a slightly damp cloth then dry with a dry cloth.

Plastic parts maintenance:

- To protect the air conditioner, it must be kept clean, and try to avoid oil stain and deformation. If the oil is attached to the plastic parts for a long time, the plastic parts will be aging, cracking and smell. Therefore, we should clean it regularly.

- Never wash the air conditioner with water to prevent the electrical insulation from reducing and rusting.

- Never use petrol, alcohol or solvents to clean the appliance.

- Never spray insecticide liquids or similar.

# TROUBLESHOOTING

- The unit does not cool, please check whether the air inlet and outlet are blocked. When using the air duct, check whether the duct is excessively bent or blocked, which will cause the compressor overheat and stop for protection. We recommend turn off the air conditioner and switch on the device after 15 minutes.



- The remote control does not work:

1. Do not exceed the remote control distance (32Feet/10m).

2. Check whether the remote control is damaged.

3. Replace the battery of the remote control.

4. Pairing the remote control.

After the air conditioner is switch on, long press the button +2s to enter the pair of the remote control, and the LCD screen is bright and flashing. Press any button on the remote control after it is turned on, and after the button board receives it successfully, the display board will save the address of the remote control and exit the pairing mode.

## 6 Maintenance service:

### Cleaning Instructions

1. Ensure the machine is unplugged before cleaning.
2. Do not use chemical solvents like gasoline for cleaning.
3. Do not rinse directly with water.

#### ● Filter

Clean the filter once a month. Use a small Phillips screwdriver to loosen the fixing screws as shown. Pull out the filter and soak it in lukewarm water mixed with a neutral detergent at 40°C. Use a brush to clean any dirt on the filter, then air dry in a shaded area. Reload and secure with screws.

#### ● Surface Cleaning

Wipe with a neutral detergent or alcohol on a damp cloth, then dry with a dry cloth.

#### Storage:

##### Off-Season Storage

1. Power off the machine and unplug the power cord.
2. Wipe down the machine surface with a damp cloth and dry with a dry cloth.
3. Coil the power cord tightly.
4. Tilt the machine gently with the drain outlet facing down for 30 minutes to drain any remaining condensed water inside.
5. Seal the machine in a plastic bag and store in a dry place.

#### Customer Service Department Important Notice:

1. The warranty period is 1 year (12 months) from the date of purchase.
2. Product specifications are subject to change without notice.
3. The product may be discontinued due to electronic component unavailability.