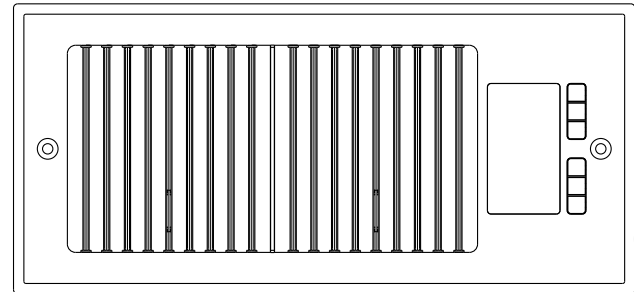


FAN MANUAL



- HKJC-qbf-1
- HKJC-qbf-2

USER MANUAL

Thank you for purchasing our product. Please read this manual carefully for proper installation and use, and keep it for future reference.

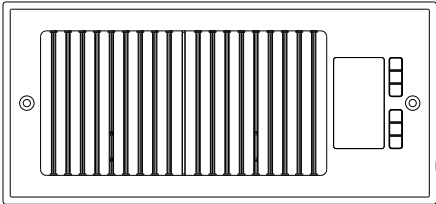
IMPORTANT TIPS

1. In accordance with local regulations and product guidelines, please refrain from disassembling or tampering with the electronic circuits. Any product issues or damages resulting from such actions are not the responsibility of the brand or seller.
2. Do not disassemble or clean this product with water without proper authorization, as this may cause damage.
3. To clean the fan, please remove the entire unit and use a dry brush and hair dryer for cleaning. Thank you!

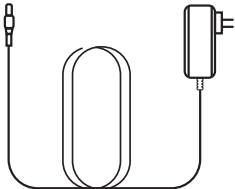
CONTENTS

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PACKAGE CONTENT



Smart Fan x1



Power Adapter x1



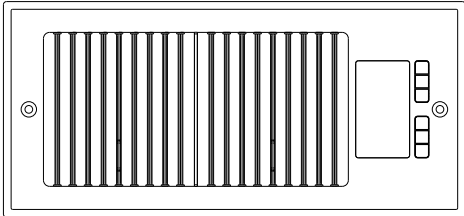
Screws x2



Remote Control x1

BEFORE INSTALLATION

1. Verify that the package is complete and ensure all parts are included.
2. Confirm that the fan size is compatible with your duct opening.
3. Test the fan to ensure it is functioning properly when plugged in.



Note: The following parameters are for reference only. For accurate details, please refer to the specifications listed on the product nameplate.

Series No.	Product size	Installation size	V/Hz	Power
HKJC-qbf-1 HKJC-qbf-2	5.51"x11.81"	4"x10"	110V,60Hz	8.5W
/	Air Velocity	Rotation Speed	Noise	Speed
/	3.2m/s	3800r/min	≤35dB	1-10

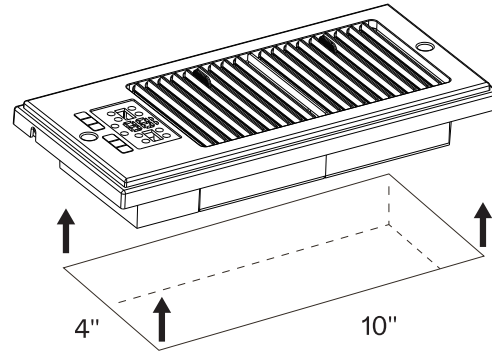
ATTENTION

1. When turning on the smart fan for the first time, please set your desired room temperature. This allows the fan speed to adjust automatically under Summer or Winter mode based on your preference.
2. The smart fan is designed to work in conjunction with your air conditioning or heating system. During summer, select Summer Mode, and during winter, select Winter Mode.
3. After selecting Summer or Winter Mode, the panel will blink 3 times to confirm the mode has been activated.

INSTALLATION

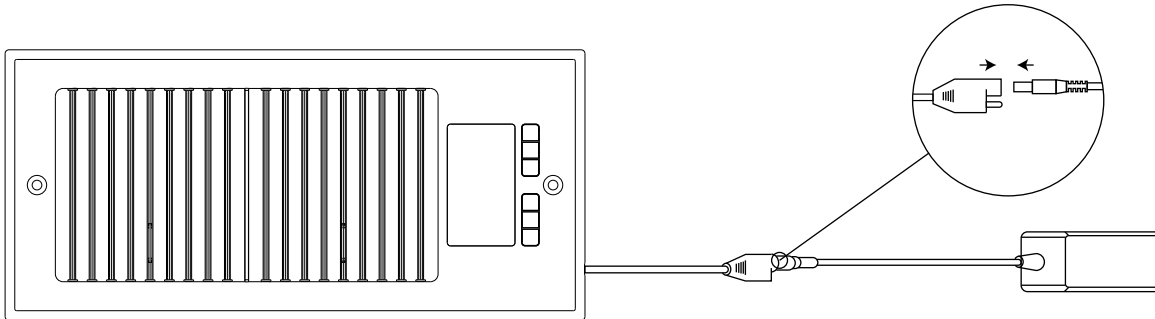
STEP 1

Insert the smart fan into the duct opening on the floor or wall. (Size: 4" x 10")



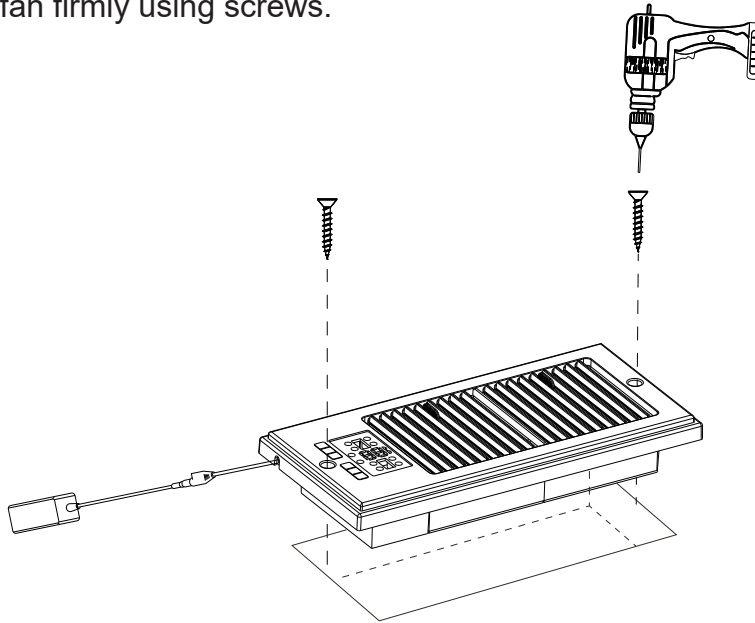
STEP 2

Connect the power adapter to the smart fan and plug it in.



STEP 3

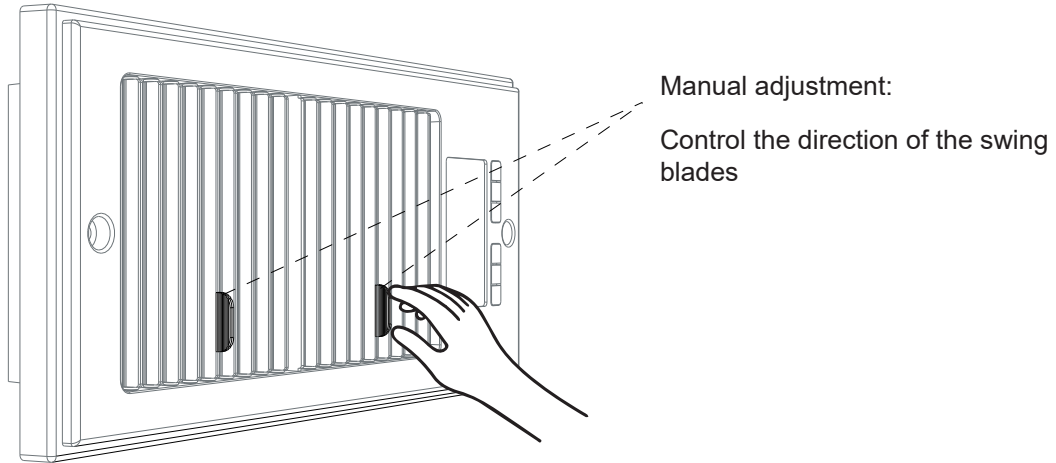
Secure the fan firmly using screws.



STEP 4

Complete the setup, and you're all set to go!

WIND DIRECTION DESCRIPTION



Push or pull the swinging blades to the left or right to independently adjust the wind direction and direct airflow where you want it.

BUTTON INTRODUCTION



HOW DO THESE BUTTON WORK?



On/Off;

Turns the device on or off. When switched on, it operates in the same mode as it was in when last turned off.

Turns the ionizer function on or off.



Turns the on-screen display on or off.



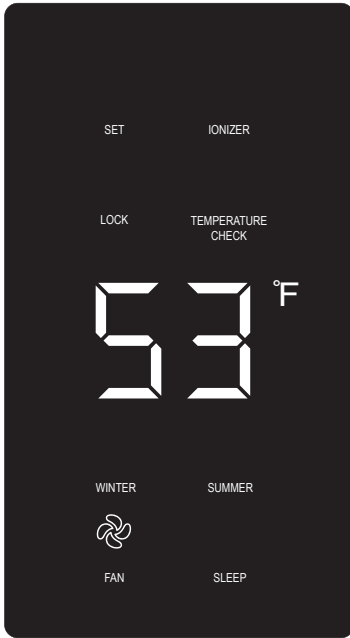
Cycles through the available modes: Fan Mode → Winter Mode → Summer Mode → Sleep Mode.



1. Fan Speed Adjustment (Levels 1-10).

2. Winter/Summer Mode : Set your desired room temperature (60°F–95°F).

ICONS INTRODUCTION



FAN MODE

You can use the "+" "-" on the panel and the "+" "-" on the controller to control the fan speed.

When the summer or winter mode air speed does not meet your needs, please select the fan mode and the fan will run according to the gear you set. (Level 1- 10)

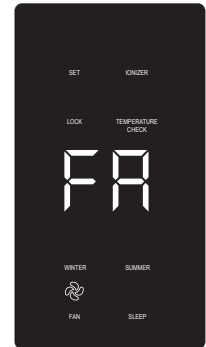


Level 1



Level 2

.....



Level 10

ICONS INTRODUCTION



SUMMER MODE (Boosts airflow in AC cooling mode)

This mode does not have cooling functions!

Note:



T_{set}: Set temperature (user-defined).



T_{actual}: Real-time measured room



Short Press “” to select “”:

In summer mode, the screen displays T_{set}, The initial default value is 68°F.

- Short press “” “” to adjust within 60°F ~ 95°F .
- If there is no operation within 5 seconds, the system will run automatically, and the screen will switch to display the real-time room temperature.

During operation, a short press of the “” “” buttons will re-enter setup mode.

After completing adjustments, the system resumes operation, automatically adapting to the newly set T_{set}.

ICONS INTRODUCTION

Fan Speed Control :

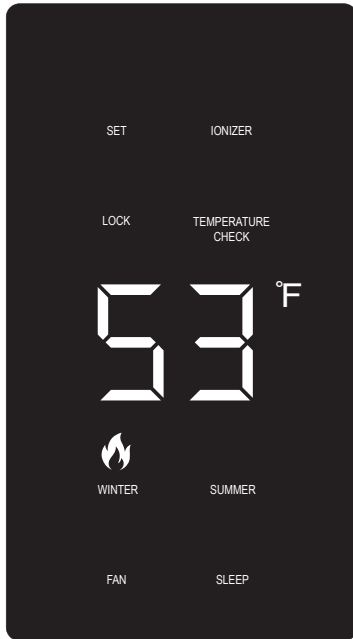
(The fan speed is determined by the temperature difference between the T_{set} and the T_{actual})

- When $T_{actual} \leq T_{set}$, the fan operates as follows:

Temperature Range	Fan Speed
$T_{set} - 2^{\circ}\text{F} < T_{actual} \leq T_{set}$	Speed 1
$T_{set} - 4^{\circ}\text{F} < T_{actual} \leq T_{set} - 2^{\circ}\text{F}$	Speed 2
$T_{set} - 6^{\circ}\text{F} < T_{actual} \leq T_{set} - 4^{\circ}\text{F}$	Speed 3
$T_{set} - 8^{\circ}\text{F} < T_{actual} \leq T_{set} - 6^{\circ}\text{F}$	Speed 4
$T_{set} - 10^{\circ}\text{F} < T_{actual} \leq T_{set} - 8^{\circ}\text{F}$	Speed 5
$T_{set} - 12^{\circ}\text{F} < T_{actual} \leq T_{set} - 10^{\circ}\text{F}$	Speed 6
$T_{set} - 14^{\circ}\text{F} < T_{actual} \leq T_{set} - 12^{\circ}\text{F}$	Speed 7
$T_{set} - 18^{\circ}\text{F} < T_{actual} \leq T_{set} - 14^{\circ}\text{F}$	Speed 8

- When $T_{actual} > T_{set}$ for over 1 minute, the fan will stop running. After shutdown, the system requires a full 1-minute interval before it can restart.

ICONS INTRODUCTION



WINTER MODE(Boosts airflow in AC heating mode)

This mode does not have heating functions!

Note:

T_{set}: Set temperature (user-defined).



T_{actual}: Real-time measured room temperature.





WINTER

Short Press “” to select “”:

In winter mode, the screen displays T_{set}, The initial default value is 75°F.

- Short press “” “” to adjust within 60°F ~ 95°F .
- If there is no operation within 5 seconds, the system will run automatically, and the screen will switch to display the real-time room temperature.

During operation, a short press of the “” “” buttons will re-enter setup mode.

After completing adjustments, the system resumes operation, automatically adapting to the newly set T_{set}.

ICONS INTRODUCTION

Fan Speed Control:

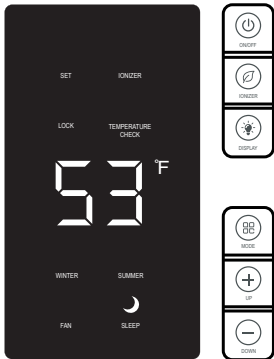
(The fan speed is determined by the temperature difference between the T_{set} , and the T_{actual})

- When $T_{actual} \geq T_{set}$, the fan operates as follows:

Temperature Range	Fan Speed
$T_{set} < T_{actual} \leq T_{set} + 2^{\circ}\text{F}$	Speed 1
$T_{set} + 2^{\circ}\text{F} < T_{actual} \leq T_{set} + 4^{\circ}\text{F}$	Speed 2
$T_{set} + 4^{\circ}\text{F} < T_{actual} \leq T_{set} + 6^{\circ}\text{F}$	Speed 3
$T_{set} + 6^{\circ}\text{F} < T_{actual} \leq T_{set} + 8^{\circ}\text{F}$	Speed 4
$T_{set} + 8^{\circ}\text{F} < T_{actual} \leq T_{set} + 10^{\circ}\text{F}$	Speed 5
$T_{set} + 10^{\circ}\text{F} < T_{actual} \leq T_{set} + 12^{\circ}\text{F}$	Speed 6
$T_{set} + 12^{\circ}\text{F} < T_{actual} \leq T_{set} + 14^{\circ}\text{F}$	Speed 7
$T_{set} + 14^{\circ}\text{F} < T_{actual} \leq T_{set} + 18^{\circ}\text{F}$	Speed 8

- When $T_{actual} < T_{set}$ for over 1 minute, the fan will stop running. After shutdown, the system requires a full 1-minute interval before it can restart.

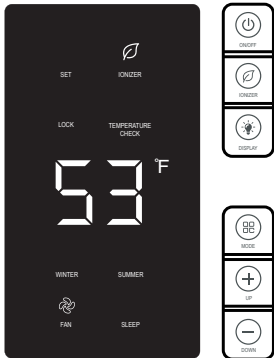
ICONS INTRODUCTION



SLEEP MODE



In sleep mode, the display panel will turn off after a few seconds, and the fan speed will automatically adjust to level 2.

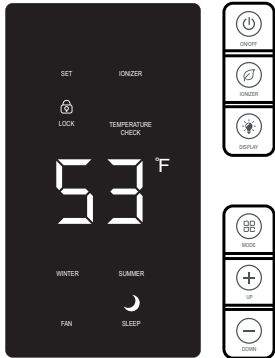


IONIZER



Negative ions can enhance air quality, reduce harmful particles, and promote better health and sleep.

ICONS INTRODUCTION

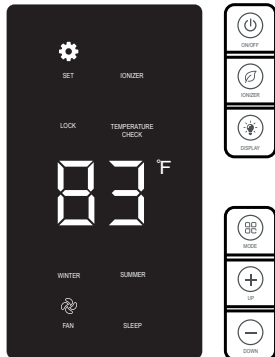


LOCK (It needs to be controlled using the remote control)



LOCK

Under lock mode, “”, “”inactive.





SET

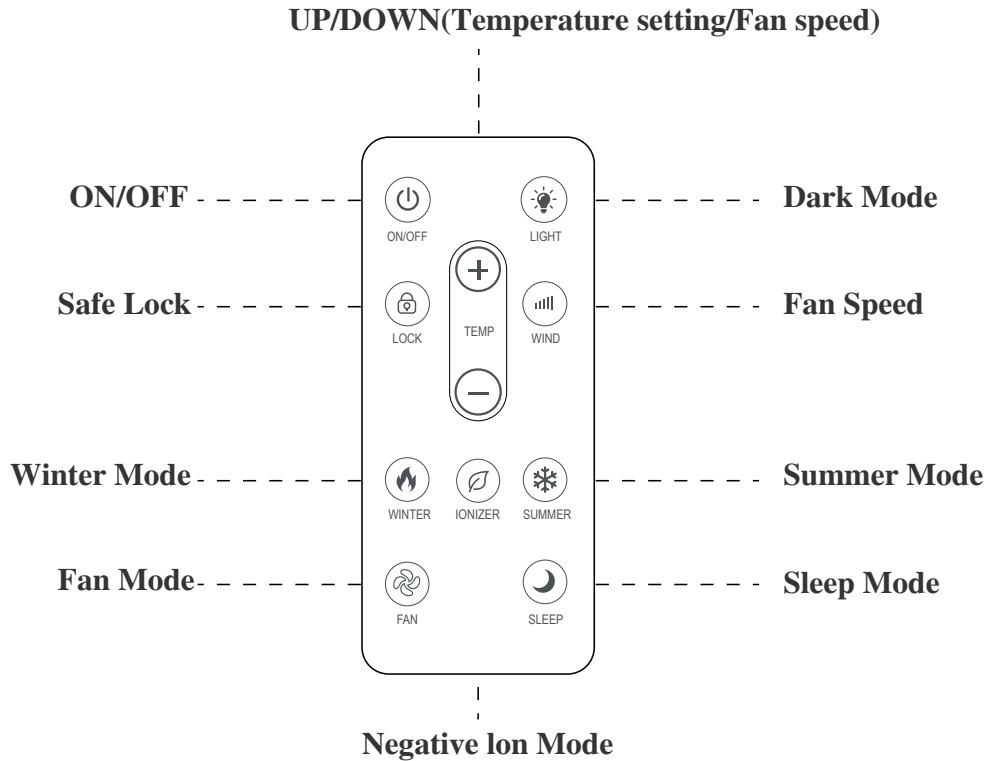


SET












This button lights up when you:

- You switch to Winter Mode or Summer Mode.
- Adjust the temperature “”, “”in either mode.

REMOTE CONTROL



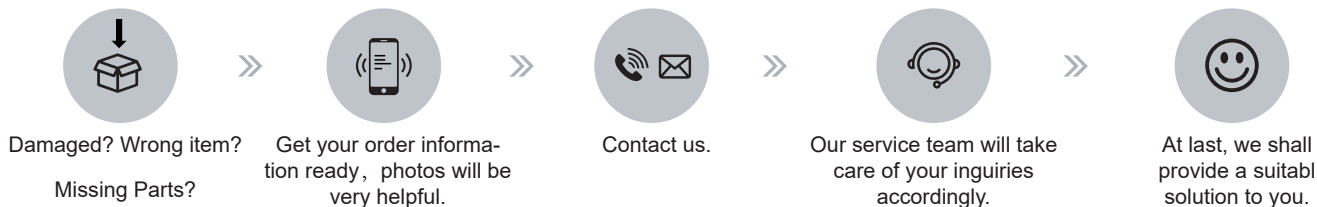
REMOTE CONTROL

1. To adjust the temperature using the remote control , briefly press the mode button “  ” or “  ”, then briefly press the “  ” “  ” to set your desired room temperature.
2. To set the fan speed using the remote control, briefly press the fan mode button “  ”, then briefly press the speed button “  ” to adjust the fan speed (cycling through levels).
3.  Briefly press to turn the fan on or off.
4.  Briefly press to turn the screen light on or off.
5.  Briefly press the unlock/lock button.
6.  Briefly press to turn the negative ion generator on or off.
7.  Briefly press to turn sleep mode on or off.

WARRANTY

Our warranty plan guarantees that the products we sell are free from manufacturing defects for one year from the date of purchase. We will resolve any issues in accordance with the specified warranty terms. This warranty applies to items purchased from us or authorized dealers and covers defects, malfunctions, or unusable products, effective from the purchase date and valid for one year. During this period, we will replace or refund defective products, excluding damages caused by misuse, abuse, or normal wear and tear. This warranty is non-transferable.

Return Process



Valliscó