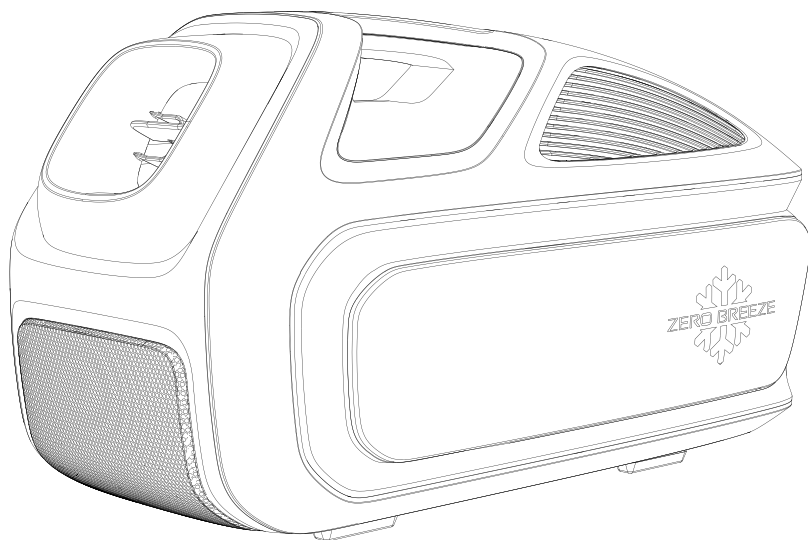


MARK 3 SERIES

User Manual

V1.1



www.zerobreeze.com

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Thank you for purchasing the Mark 3.

It is strongly recommended to read and understand the user manual comprehensively prior to the first use of the portable air conditioner for proper usage, safety precautions and preventative maintenance for the Mark 3. This user manual may not cover all possible situation; if you encounter any situations that are not addressed in this user manual, please contact support@zerobreeze.com for support.

What's in the Box

Check that all the following items are in your package. If any items are missing, please contact ZERO BREEZE® or your local dealer.

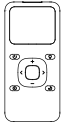
ZERO BREEZE Mark 3 Air Conditioner x 1



50V DC Power Adapter for Wall Outlet x 1



IR Remote Controller x 1



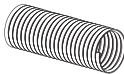
ZERO BREEZE Mark 3 User Guide x 1



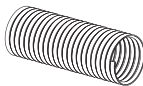
Drainage Pipe x 1



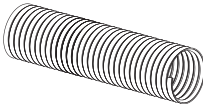
Front Outlet Duct x1
Φ4.33" (11 cm)



Front Inlet Duct / Rear Inlet Duct x1
Φ5.12" (13 cm)



Rear Outlet Duct x 1
Φ5.91" (15 cm)



Front Inlet Adapter x 1



Front Outlet Adapter x 1



Rear Inlet Adapter x 1



Rear Outlet Adapter x 1



Specification

Air Conditioner Specification

Cooling Capacity	1550W/ 5280BTU
Heating Capacity	1700W/ 5800BTU
Working Mode	Rocket/ Cool/ Sleep/ Fan/ Dry/ Care/ Heating
Cooling Rated Input	500W
Wind Speed Level	4
Rated Working Voltage	48VDC
Working Voltage Range	38V ~ 58.5V
AC Adapter Input	100V ~ 240V (50Hz/ 60Hz)
Ambient Temperature for Operation	50°F ~ 104°F / 10°C ~ 40°C
Ambient Temperature for Storage	14°F ~ 140°F / -10°C ~ 60°C
Refrigerant	R290
Unit Size	22"L x 10"W x 12"H/ 56cm x 26cm x 31cm
Weight	22lbs/ 10kg
Moisture Protection	IPX4
Ventilation Configuration	Dual Hose

Safety Precautions

Always follow these basic safety precautions:

1. Read the Manual: Please read the user manual in its entirety to fully understand how to safely operate the unit and maximize its lifespan through proper use and maintenance.
2. Supervision: This appliance is not intended for use by children or persons with reduced physical, sensory, or mental capabilities unless supervised and instructed on proper operation.
3. Weight Restrictions: Do not stand, sit, or place heavy objects on the product.
4. Sunlight Exposure: Keep the product away from direct sunlight during operation or storage.
5. Liquid Exposure: Keep the product away from any liquids.
6. Disconnection for Maintenance: Disconnect the appliance prior to any form of cleaning or maintenance.
7. Combustible Gas: Do not operate the appliance in a location that may be exposed to combustible gas.
8. Power Supply: Do not operate the product unless you are certain the power supply has the appropriate voltage.
9. Damaged Power Cord: If the power supply cord is damaged, stop all operations of the product immediately. Contact your service representative for instructions on replacing the power supply.
10. Installation Surface: Install your unit on a flat surface to minimize noise and vibration.
11. Grounding: If using a power adapter to power the unit, ensure that it is placed near a grounded plug.
12. Ventilation: Do not cover the inlets, outlets, or the remote signal receptor on the unit. Doing so can cause damage to the unit.

13. Outdoor Use: When using outdoors, waterproof the unit, especially on rainy days. Keep the outlets and inlets clear and prevent foreign objects from blocking or entering.

14. Power Cord Placement: Do not run the power cord under carpeting, throw rugs, or other similar coverings.

15. Battery Usage: Do not mix old batteries with new batteries.

16. Battery Types: Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc.) batteries.

17. Accessories and Parts: Use only the included accessories and parts, and specified tools for the installation. Using non-standard parts can cause water leakage, electrical shock, fire, and injury or property damage.

18. Power Cord Modification: Do not modify the length of the power cord or use an extension cord to power the unit.

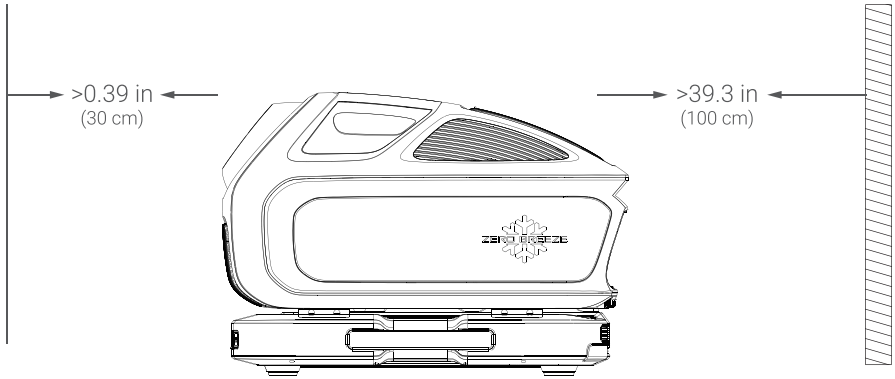
19. Outlet Sharing: Do not share a single outlet with other electrical appliances, as improper power supply may cause a fire or an electrical shock.

20. Wet Locations: Do not install the unit in a wet room, such as a bathroom or laundry room. Exposure to moisture may cause electrical components to short circuit.

21. Damage Check: Do not use the unit if it has been dropped or damaged.

22. Thunderstorms: Turn off the unit during a thunderstorm to avoid damage from lightning.

23. Air Duct Installation: When the Mark 3 is in use and the air duct is not installed, ensure that there is no obstruction in the rear inlet, and the rear outlet is at least 39.3 in(100 cm) away from walls or obstacles. Additionally, there should be no obstruction in the front outlet, with at least 0.39 in(30 cm) of space around it.



Tips:

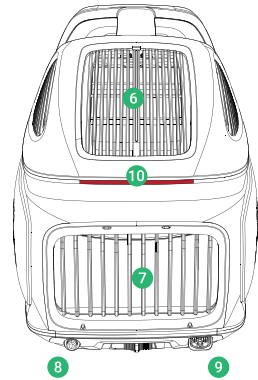
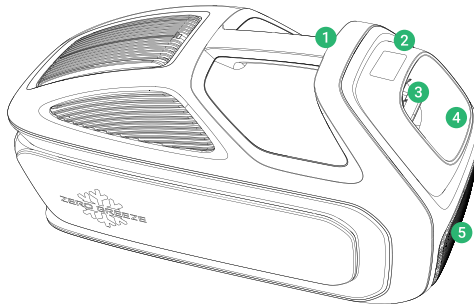
1. Leave the Mark 3 on a flat surface for more than 30 minutes before turning on when the unit is turned on for the first time, or after a long drive or bumpy transportation.
2. Ensure that the Mark 3 is placed on a flat surface, not tilted, or upside down when using at anytime.

Note:

- This air-conditioning unit is a sealed unit containing a fluorinated gas. For information on specific gas types and quantities, see the relevant label on the device. Mark 3 does not support users adding refrigerant themselves.
- Maintenance or repair of this equipment must be performed by a certified technician.
- Product recycling must be performed in accordance with local regulations.
- All pictures in this manual are for illustration only. Your air conditioner may be slightly different depending on your model.

Mark 3 Features

Mark 3 Overview



1. Control panel
2. Display
3. Outlet air direction adjustment (Angle adjustable)
4. LED light
5. Air filter
6. Rear inlet
7. Rear outlet
8. Drainage outlet
9. Power input

10. Status light (A RED light indicates that power is supplied to the unit. When you turn on the unit, after about 5 seconds, the red light will change to BLUE, signaling that the compressor is running and the unit is functioning properly.)

Design and Compliance Notes

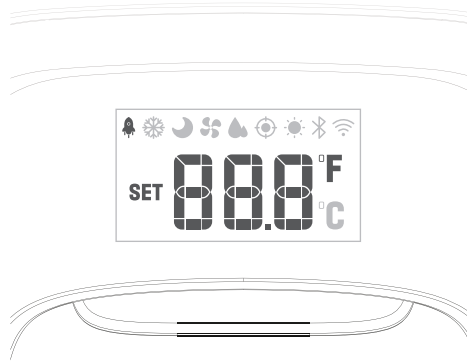
In order to ensure the optimal performance of our products, the design specifications of the unit and remote control are subject to change without prior notice.

The Energy Rating for this unit is based on the installation of two unextended exhaust ducts.

Note:

1. The batteries shown in this manual need to be purchased separately, please refer to the zerobreeze.com for more details.
2. The cooling speed and maximum working time are measured under the experimental environment and are for reference only.
3. Mark 3 contains a set of intake and exhaust ducts. If you need a longer duct, learn more from zerobreeze.com.

Mark 3 Display



Rocket Mode (T)

Maximum cooling capacity
Power: 350 ~ 500W
Single Mark 3 Battery: 2 ~ 3 Hours



Care Mode

Keeps the air flow from the outlet at a constant temperature
Power: 150 ~ 350W
Single Mark 3 Battery: 3 ~ 7 Hours



Cool Mode (T)

Moderate cooling capacity
Power: 200 ~ 350W
Single Mark 3 Battery: 3 ~ 5 Hours



Heating Mode (T)

Increases the ambient temperature up to 20 °F
Power: 200 ~ 500W
Single Mark 3 Battery: 2 ~ 5 Hours



Sleep Mode (T)

Lowest cooling capacity
Power: 150 ~ 200W
Single Mark 3 Battery: 5 ~ 7 Hours



Bluetooth

Reserved



Fan Mode

Regular fan
Power: 12 ~ 17W
Single Mark 3 Battery: 60 ~ 85 Hours



2.4G Remote Controller

Allows you to operate the Mark 3 within 26 ~ 33 feet without requiring direct alignment or line of sight.

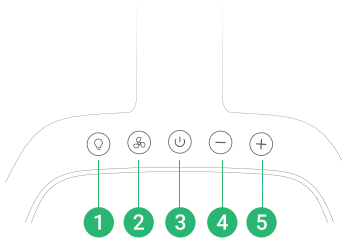


Dry Mode (T)

Eliminates excess humidity
Power: 350 ~ 500W
Single Mark 3 Battery: 2 ~ 3 Hours

* (T) = Thermostat Capability

Control Panel



1 Light button

(Long press to switch °C/°F)

2 Wind speed button

(Short press to cycle through fan speeds, long press for 2 seconds to manually trigger the drainage pump)

3 Power/ Mode button

(Long press to control the power switch, short press to switch modes)

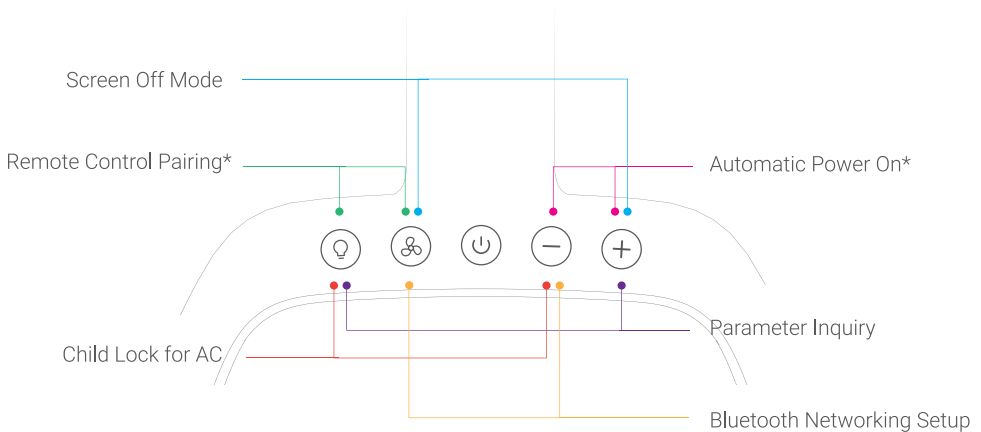
4 Temperature (-) button

(Short press to increase the set temperature or humidity)

5 Temperature (+) button

(Short press to decrease the set temperature or humidity)

Control Panel Combination Keys



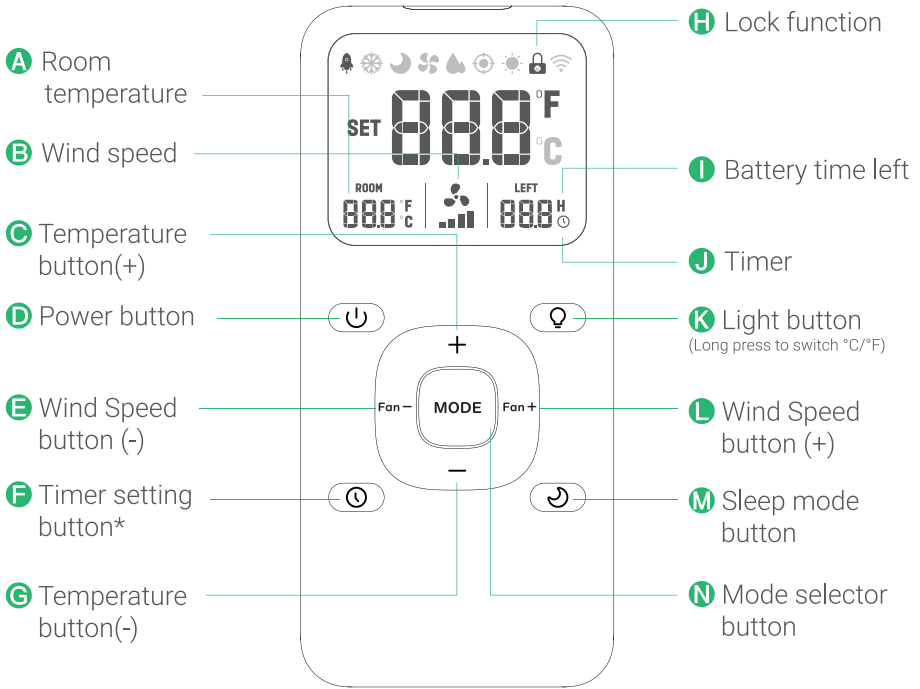
* Automatic Power On

This means that when any power supply is connected to the Mark 3 AC, it will automatically turn on without needing to press the power button again. You can activate or disable this feature by pressing the + and - buttons simultaneously until you hear a "ding."

* Remote Control Pairing

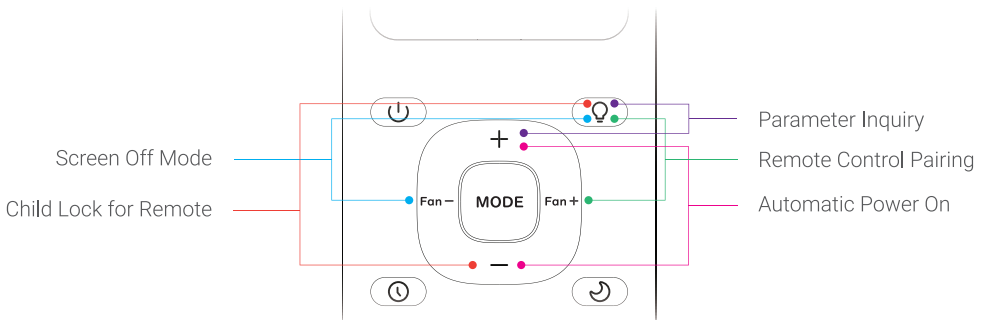
Each Mark 3 is paired with its remote control before shipping, allowing you to start controlling the air conditioner by simply pressing the power button on the remote. If you find that the devices are not paired, press the "Fan" and "Light" buttons simultaneously, then briefly press the power button on the remote. When the signal icon stops blinking, it means the pairing is complete.

Remote Control



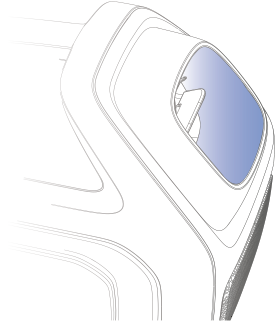
Note: To set the timer, briefly press the timer button and adjust the time using the + or - buttons. The timer can be set between a minimum of 0.5 hours and a maximum of 12 hours, with each press of the + or - buttons adjusting the time by 0.5 hours. Once you've selected your desired time, press the timer button again. You'll hear a "ding", and the timer icon on the remote will stop blinking, indicating that the timer has been successfully set.

Remote Control Combination Keys

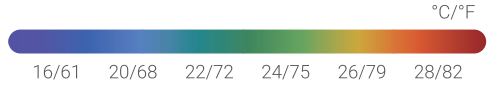


LED Light

The breathing light changes in accordance with the temperature of the air outlet.

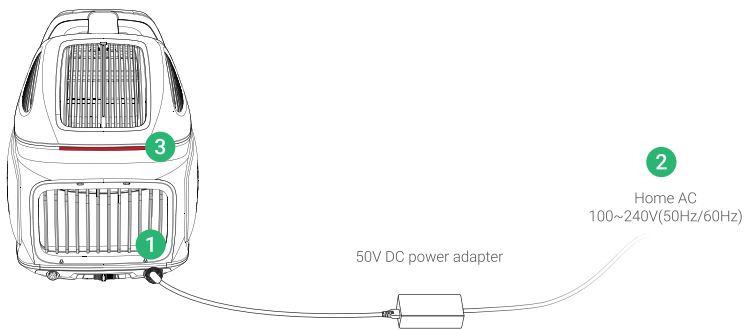


Breathing light color display range



Operation and Installation

Operation with the Official Power Adapter



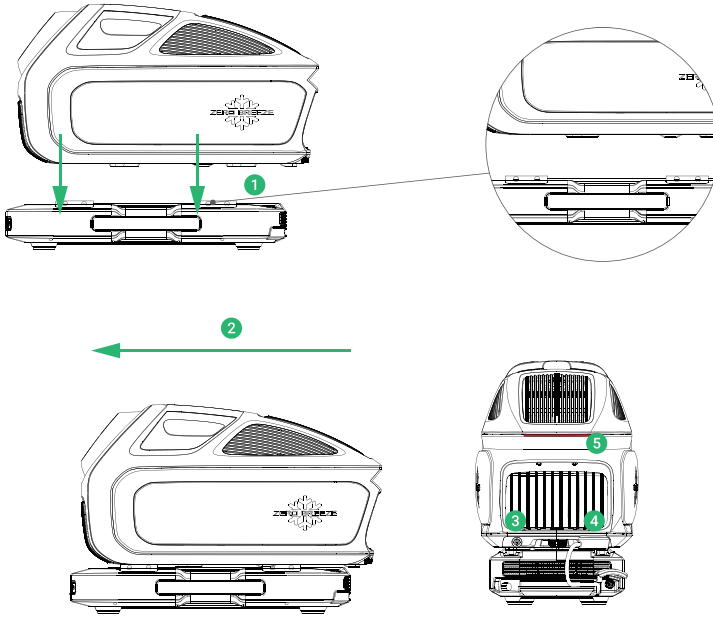
- 1 Plug the 50V DC power adapter into the power input of the Mark 3.
- 2 Plug into the home AC 100V ~ 240V (50Hz/60Hz).
- 3 Mark 3 status light is red when power on.



*Use the official adapter provided by ZERO BREEZE. Do not use a third-party adapter.

Operation with the Mark 3 Battery

Mark 3 Battery sold separately.



Instructions:

- 1 Align all Mark 3 latches behind the latches of the Mark 3 Battery.
- 2 Push the Mark 3 forward until you hear a click.
- 3 Attach the drainage pipe to the drainage outlet.
- 4 Connect the Mark 3 Battery cable into the Mark 3 power input.
- 5 Mark 3 status light is red when power on.