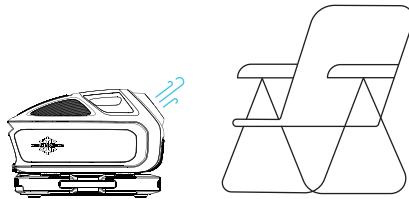


Placement Tips

Cooling Methods

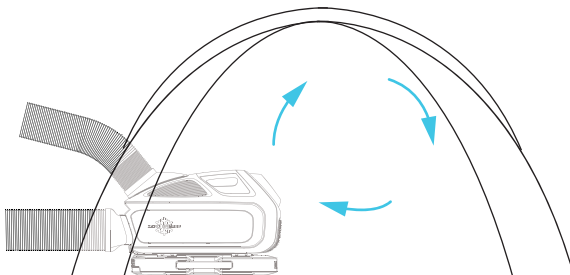
Spot Cooling

- There are no ducts or installation required for this method. Simply aim the front air outlet directly at yourself.



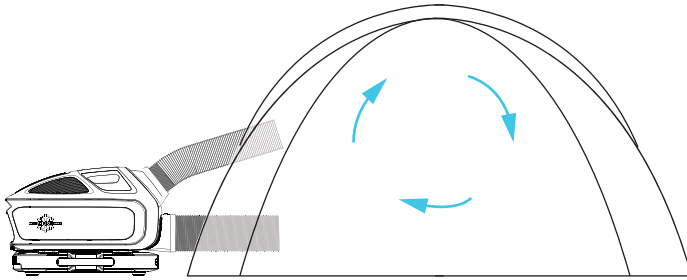
Installing the Mark 3 Inside an Area

- Refer to page 15 for rear inlet and rear outlet installation instructions.
- Place the unit inside the area you want to cool and ensure it's on a flat surface.
- Attach the drainage pipe.
- Vent the rear inlet and outlet ducts to the outside of the area to be cooled.
- This method protects the Mark 3 from outdoor conditions.



Installing the Mark 3 Outside an Area

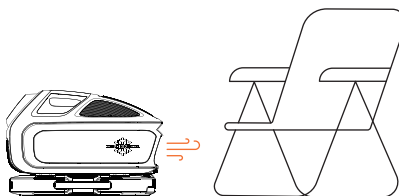
- Refer to page 14 for front inlet and front outlet installation instructions.
- Place the unit on a flat surface.
- Attach the drainage pipe.
- Direct the front inlet and outlet ducts to the area you want to cool.
- While this method can save you interior space, it makes the unit susceptible to outdoor conditions. Be sure to protect the unit from rain, and avoid placing it in direct sunlight, especially when paired with the Mark 3 Battery.



Heating Methods

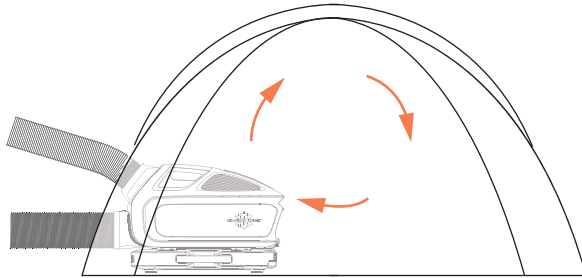
Spot Heating

There are no ducts or installation required for this method. Simply aim the rear outlet directly at yourself.



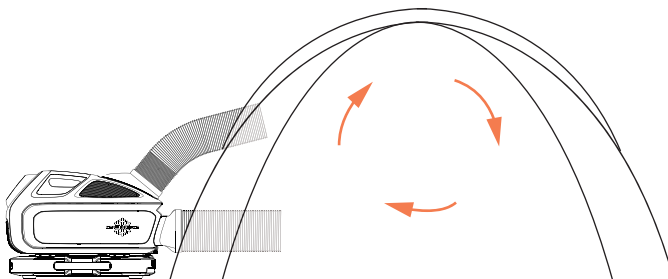
Installing the Mark 3 Inside of Area

- Refer to page 15 for front inlet and front outlet installation instructions.
- Attach the drainage pipe to the unit.
- Place the unit inside the area you want to heat and ensure it's on a flat surface.
- Vent the front inlet and outlet ducts to the outside of the area to be heated.
- This method protects the Mark 3 from outdoor conditions.



Installing the Mark 3 Outside of Area

- Refer to page 14 for rear inlet and outlet installation instructions.
- Place the unit on a flat surface.
- Direct the rear inlet and outlet ducts to the area you want to heat.
- While this method can save you interior space, it makes the unit susceptible to outdoor conditions.
- Protect the unit from rain, and avoid placing it in direct sunlight, especially when paired with the Mark 3 Battery.

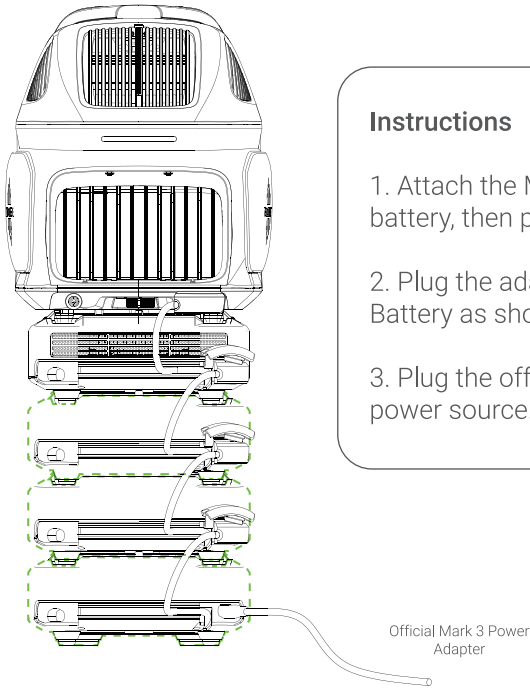


Suggestions :

- Pay attention to space insulation. If the enclosed space is poorly insulated, try to improve it.
- Pay attention to the tightness of the space. For spaces with vents or windows, close or cover the vents.
- It is recommended to use the Mark 3 in shaded areas.
- If it is a large space beyond the cooling range of the Mark 3, please add one or more air conditioners or create a small cooling space with a cloth partition.

Charging While Discharging

- Connect multiple batteries to extend the battery life indefinitely.
- Chaining the batteries one after another supports 2,3,4 or more batteries.



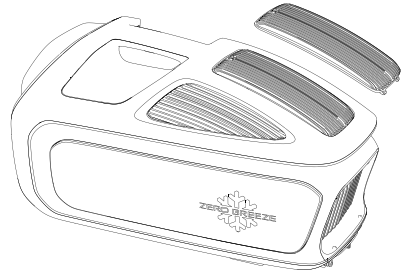
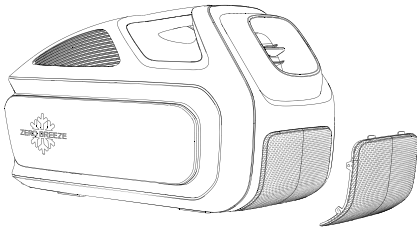
Instructions

1. Attach the Mark 3 Battery cord to each battery, then plug the last one into the Mark 3.
2. Plug the adapter cable into the Mark 3 Battery as shown below.
3. Plug the official power adapter into a power source.

IMPORTANT:

ZERO BREEZE is not responsible for any damages or injuries resulting from charging the Mark 3 Battery with non-official power adapters. Each battery is sold separately.

Maintenance



Maintenance

- Always unplug the Mark 3 before cleaning or servicing.
- The filters shown above can be removed and can be reattached.
- Once the filters are off, use a vacuum to clean off the dust and dirt buildup.
- Reattach the filters after cleaning.
- To clean the exterior of the unit, use a lightly damp, lint-free and mild detergent. Dry the unit with a dry, lint-free cloth.
- After draining the water, run the unit on FAN mode for about 12 hours in a warm room to dry it and prevent mold.
- After drying, turn off the unit and unplug it.

Attention

- DO NOT use flammable liquids or chemicals to clean the unit.
- DO NOT wash the unit under running water, as doing so can cause electrical damage.
- DO NOT operate the unit if the power supply was damaged during cleaning. A damaged power cord must be replaced with a new cord from the manufacturer.

Malfunction Diagnosis

Troubleshooting Tips

Issue	Possible Cause	Solution
The unit does not cool well.	The air conditioner doesn't work in COOL or ROCKET mode.	Contact support at support@zerobreeze.com.
	The air filter is blocked with dust or animal hair.	Turn off the unit, disconnect the duct, check for blockage, and reconnect the duct.
	The front outlet duct is not connected or is blocked.	Turn off the unit, disconnect the duct, check for blockage, and reconnect the duct.
	The unit is low on refrigerant.	Contact support at support@zerobreeze.com.
	The windows and doors in the room are open.	Make sure all windows and doors are closed.
	The room area is too large.	Double-check the cooling area. Or you create separate spaces like curtains to reduce the size of space that needs to be cooled.
	There are heat sources inside the room.	If possible, reduce the source of heat.
	The floor is not level.	Place the unit on a flat, level surface.
The unit is noisy and vibrates too much.	The air filter is blocked with dust or animal hair.	Turn off the unit and clean the air filter according to the instructions.
The unit makes a gurgling sound.	This sound is caused by the flow of refrigerant inside the unit.	This is normal.
The unit stops frequently.	The outlet duct is blocked, extended or otherwise restricted.	Remove the outlet duct to see if the unit continues to operate. If it does, shorten the extension, reduce the number of bends, or eliminate any restrictions.

Fault Error Code and Solution

Error Code	Error Description	Criterion	Troubleshooting	Solution
E00	Drive board communication failure		The unit shuts off.	Fault display
E01	Temperature sensor faulty	Sensor detection: AD value > 40	The unit continues to operate with fault display.	Fault display after Inquiry.
E02	Rear Inlet temperature sensor faulty	Sensor detection: AD value > 40	In heating mode, shut down with fault display; In other modes, fault display, continue operation.	Fault display after Inquiry.
E03	Outlet sensor faulty	Sensor detection: AD value > 251 or < 3.	The unit continues to operate with fault display.	Fault display after Inquiry.
E04	Front Inlet sensor faulty	Sensor detection: AD value > 40	In rocket, cool, and sleep modes, the unit shuts down with fault display. In other modes, fault display, continue operation.	Fault display after Inquiry.
E05	Front Inlet sensor faulty	Sensor detection: AD value > 40	In care mode, the unit shuts down with fault display. In other modes, fault display, continue operation.	Fault display after Inquiry.
E06	Over voltage protection	Cool mode: fault reported if above 60V	Unit shuts off with fault display	Fault display
E07	Low voltage protection	Cool mode: fault reported if below 38.5V	Unit shuts off with fault display	Fault display

Error Code	Error Description	Criterion	Troubleshooting	Solution
E08	Phase protection	Compressor: Missing any one phase (U, V, W)	The unit shuts off with fault display	Fault display
E09	Stalling protection	Compressor speed: <200r/min or >8000r/min	The unit shuts off with fault display	Fault display
E10	Abnormal phase current protection		The unit shuts off with fault display	Fault display
E11	Overcurrent protection in software	Peak current > 28A	The unit shuts off with fault display	Fault display
E12	Over current protection in hardware	Peak current > 40A	The unit shuts off with fault display	Fault display
E13	Whole machine tilt protection.	Unit tilted for 60 degrees continuously for 10s.	The unit shuts down and continues to operate after troubleshooting. It will automatically check and restart after 3 minutes.	Fault display
E14	Rear fan feedback fault	Detect motor feedback signal	Abnormal feedback for 20 consecutive seconds, stops for 5 seconds, and then restarts. Stops trying after 3 attempts.	Fault display
E15	Front fan feedback fault	Detect motor feedback signal	Abnormal feedback for 20 consecutive seconds, stops for 5 seconds, and then restarts. Stops trying after 3 attempts.	Fault display
E16	Evaporator freeze protection	Internal disk temperature (PT) < 32 °F / 0 °C	Compressor shuts down. Automatically restarts compressor when internal disk temperature (PT) is ≥50 °F / 10 °C.	Fault display after Inquiry

Error Code	Error Description	Criterion	Troubleshooting	Solution
E17	Outlet high temperature Protection	Shut down if outlet temperature > 203 °F / 95 °C	Compressor shuts down. Automatically restarts compressor when exhaust temperature is ≤ 167 °F / 75 °C.	Fault display after Inquiry
E18	Water overflow alarm	Water level switch continuously detects water state for >3 minutes	Compressor and rear fan shut down. Directly displays fault code, rear tail light flashes. Resumes operation when water level switch output signal is restored.	Fault display

Warranty and Return Policy

- The warranty period starts when your order has been delivered.
- It is the customer's responsibility to fill out the Warranty Form located at the bottom of the Warranty Policy on zerobreeze.com for warranty replacements during the warranty period.
- If a warranty claim has not been made during the warranty period, ZERO BREEZE will not be able to replace any item after the warranty period. If you are interested in repairs after the warranty period, contact support@zerobreeze.com.
- The return policy starts when your order has been delivered.
- ZERO BREEZE allows a 30-day return policy for the customer to inspect and use their unit to see if it is a good fit for them.
- After the 30-day return period, ZERO BREEZE will not accept returns.
- To initiate a Return and Refund request, fill out the Return Form located at the bottom of the Return Policy on zerobreeze.com.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.



Video Tutorial

Visit our official website to watch a video tutorial at www.zerobreeze.com.

Before using this product, please read this manual carefully and keep it for future reference. The design and specifications are subject to change without prior notice for product improvement. Consult with your dealer or the manufacturer for details.