Black Shark FunCooler 3 (BR32)

Black Shark FunCooler 3 Mobile Phone Cooling Fan User Manual

Model: FunCooler 3 (BR32)

Product Overview

The Black Shark FunCooler 3 is a compact and lightweight mobile phone cooling fan designed to maintain optimal phone temperature during intensive use, such as gaming. It utilizes semiconductor refrigeration technology and a high-speed fan to achieve significant temperature drops, enhancing device performance and longevity.



Figure 1: Black Shark FunCooler 3 attached to a smartphone, illustrating its cooling capability.

Key Features

- **Powerful Cooling:** Employs semiconductor refrigeration and a 5-blade fan (7500 RPM) for up to 24℃ temperature drop.
- **Simple Control:** Features a physical on/off switch and a plug-and-play Type-C interface.
- **Compact & Lightweight:** Weighs only 74g, designed for comfortable hand operation.
- **Quiet Operation:** Operates at less than 39dB, minimizing noise during use.
- **Universal Compatibility:** Flexible retractable clamps fit phones from 2.71 to 3.34 inches, with rubber pads for protection.

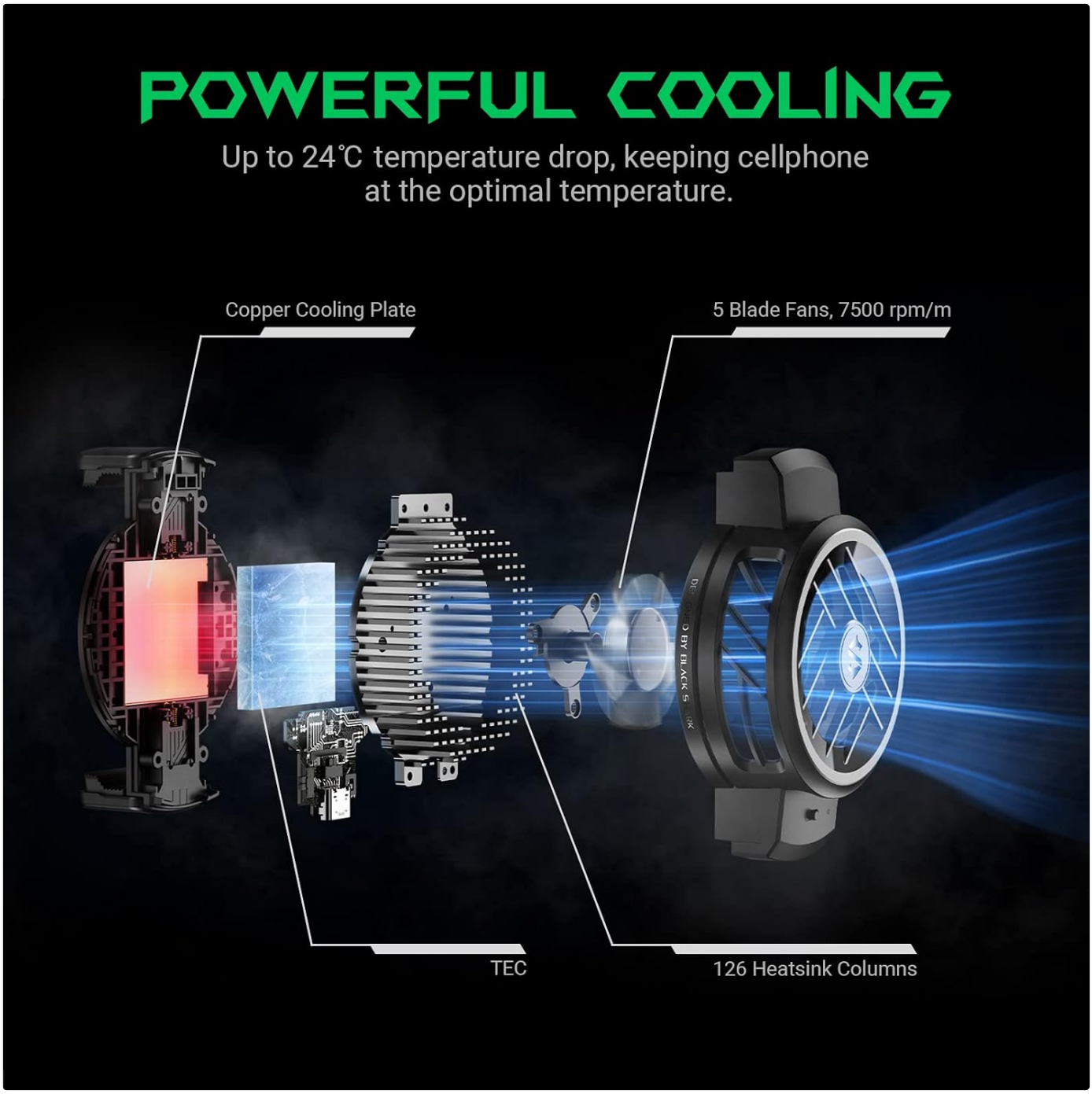


Figure 2: Internal cooling components of the FunCooler 3, demonstrating its advanced refrigeration technology.



Figure 3: Key design elements of the FunCooler 3, including its simple switch, protective clamps, Type-C connectivity, and durable anti-condensation build.

Setup Guide

1. **Unpack the Device:** Carefully remove the FunCooler 3 from its packaging. Ensure all components are present.
2. **Adjust Clamps:** Extend the flexible retractable clamps to fit your mobile phone. The cooler is compatible with phones between 2.71 and 3.34 inches in width. The clamps feature rubber pads and a stepped design to prevent scratches and accidental button presses.
3. **Attach to Phone:** Securely attach the cooler to the back of your phone, ensuring the cooling plate makes firm contact with the phone's surface.
4. **Connect Power:** The FunCooler 3 requires external power to operate. Connect a Type-C cable (not included in the package) to the cooler's Type-C port and to a power source such as a wall adapter or a portable power bank.



Figure 4: Compatibility dimensions of the FunCooler 3, showing its adjustable clamps.

Operating Instructions

Once the FunCooler 3 is securely attached to your phone and connected to a power source, operation is straightforward:

- **Power On/Off:** Locate the physical switch on the device. Toggle it to the "On" position to activate the cooling fan. Toggle it to "Off" to deactivate.
- **Cooling Activation:** The cooling process begins immediately upon power-on. The semiconductor refrigeration technology will rapidly cool the contact surface, drawing heat away from your phone.
- **Quiet Operation:** The fan is designed for quiet operation, producing less than 39dB of noise, allowing for an immersive gaming or viewing experience without significant audio distraction.



Figure 5: The compact and lightweight design of the FunCooler 3 allows for comfortable hand operation during use.



Figure 6: The FunCooler 3 operates quietly, ensuring minimal disturbance during use.

Maintenance

To ensure the longevity and optimal performance of your Black Shark FunCooler 3, follow these simple maintenance guidelines:

- **Cleaning:** Periodically wipe the exterior of the cooler with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Air Vents:** Ensure the air vents on the cooler are not obstructed to allow for proper airflow and heat dissipation.
- **Storage:** When not in use, store the cooler in a cool, dry place away from direct sunlight and extreme temperatures.
- **Anti-Condensation:** The device features an anti-condensation design for enhanced durability. However, avoid exposing the cooler to excessive humidity or moisture.

Troubleshooting

If you encounter issues with your Black Shark FunCooler 3, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cooler does not turn on or cool.	Not connected to power, insufficient power, or switch is off.	Ensure the Type-C cable is securely connected to both the cooler and a power source. Verify the power source (wall adapter or power bank) is functioning and provides sufficient power (5V, 10W recommended). Check that the physical on/off switch on the cooler is in the "On" position.
Cooling effect is minimal.	Poor contact with phone, obstructed vents, or high ambient temperature.	Ensure the cooler's cooling plate makes full and firm contact with the back of your phone. Remove any thick phone cases that might impede contact. Check that the cooler's air intake and exhaust vents are clear of obstructions. In extremely hot environments, the cooler's effectiveness may be reduced. Consider using it in a cooler setting if possible.
Unusual noise from the fan.	Dust accumulation or physical obstruction.	Gently clean any visible dust from the fan blades and vents using a soft brush or compressed air. Ensure no foreign objects are lodged in the fan mechanism.

Specifications

Feature	Detail
Brand	Black Shark
Model Number	BR32
Power Connector Type	2-Pin (Type-C)
Voltage	5 Volts
Wattage	10 watts
Cooling Method	Air (Semiconductor Refrigeration)
Compatible Devices	Android, Cellphone, iPhone (2.71-3.34 inches width)
Noise Level	< 39 dB
Material	Metal, Plastic
Maximum Rotational Speed	7500 RPM
Item Weight	2.61 ounces
Package Dimensions	5.16 x 4.17 x 1.81 inches

Warranty and Support

For detailed warranty information and further support, please refer to the official Black Shark resources:

- **Official User Manual (PDF):** For a comprehensive guide and additional details, you can download the official PDF user manual here.
- **Black Shark Store:** Visit the official Black Shark Store on Amazon for product information, FAQs, and customer service contacts.

© 2024 Black Shark. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question