

OutdoorMaster SHARK II

OutdoorMaster Shark II 20PSI High Pressure SUP Air Pump

INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the OutdoorMaster Shark II 20PSI High Pressure SUP Air Pump. This intelligent dual-stage electric air pump is designed for efficient and convenient inflation and deflation of inflatable stand-up paddle boards (SUPs), boats, kayaks, and other high-pressure inflatables. Featuring an active cooling system, automatic dual-stage operation, and an auto-off function, it simplifies your preparation for water activities.

2. Important Safety Information

- Read all instructions before use.
- This pump is designed for 12V DC power sources only. Do not attempt to connect to other power sources.
- Ensure the power cord and hose are free from damage before each use.
- Do not operate the pump in wet conditions or immerse it in water.
- Keep children and pets away from the pump during operation.
- Do not block the air intake or exhaust ports during operation.
- Set the correct pressure (PSI) for your inflatable to avoid over-inflation, which can cause damage or injury.
- The pump may become warm during extended use. Allow it to cool down if it overheats.
- Always disconnect the pump from the power source when not in use or during maintenance.

3. Package Contents

Verify that all items are present in your package:

- 1 x OutdoorMaster Shark II Air Pump
- 1 x 4.5ft Air Hose

- 1 x 12V DC Car Charger (Power Cord)
- Multiple Nozzles (including H3, C7, S2, Cone-shaped, Round, Beach Ball, Air Mattress, Inflatable Boat/Tent valves)
- 3 x Gaskets
- 1 x Instruction Manual



Figure 3.1: OutdoorMaster Shark II pump and included accessories.



Figure 3.2: Detailed view of the package contents.

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Video 3.1: An overview of what's included in the OutdoorMaster Shark II pump box.

4. Product Features

- **Active Cooling System:** Designed for extended use, allowing inflation of up to 3 SUPs consecutively without overheating.
- **Powerful Dual-Stage Inflation:** The first stage provides maximum speed at 350L/min for rapid volume fill, while the second stage delivers maximum pressure at 70L/min for high-pressure inflation up to 20 PSI.
- **Auto-Off Function:** Automatically stops inflation once the preset target pressure is reached, preventing over-inflation.
- **Deflation Function:** Quickly deflates inflatables for compact storage and easy packing.
- **12V DC Car Connector:** Powered directly from your car's 12V DC outlet, featuring a 12A fuse for enhanced safety.
- **Digital Display with Real-Time Monitoring:** Set your desired pressure and monitor the current pressure in real-time on the clear digital screen.
- **Versatile Nozzle Attachments:** Comes with a full set of nozzles to fit most high-pressure inflatables.



Figure 4.1: The pump's capability to reach 20 PSI with a typical operating sound level of 85 dB.

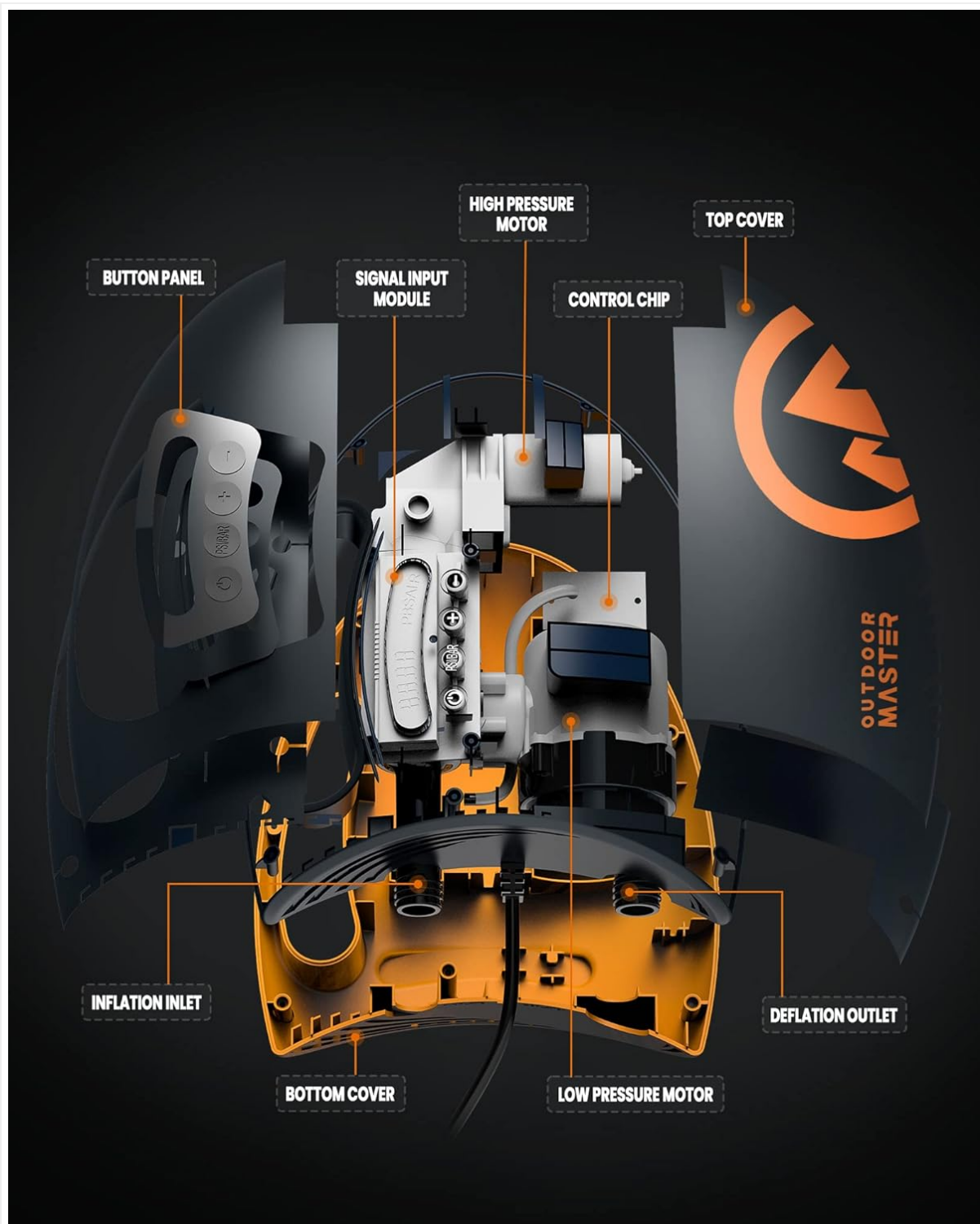


Figure 4.2: The active cooling system allows for inflating multiple boards in a row.



Figure 4.3: The pump features dedicated ports for both inflation and deflation.



Figure 4.4: The auto-off function ensures hassle-free operation once the target pressure is reached.

5. Setup

1. **Connect the Hose:** Screw the flexible air hose securely into the 'Inflate' port on the pump. For deflation, use the 'Deflate' port.
2. **Select Nozzle:** Choose the appropriate nozzle attachment for your inflatable's valve. Ensure a snug fit to prevent air leakage.
3. **Attach Nozzle to Inflatable:** Insert the selected nozzle into your inflatable's valve. Make sure the inflatable's valve is in the 'closed' or 'up' position to retain air.
4. **Connect to Power:** Plug the 12V DC car connector into your vehicle's cigarette lighter socket.
5. **Power On:** Press the power button on the pump's control panel to turn it on.

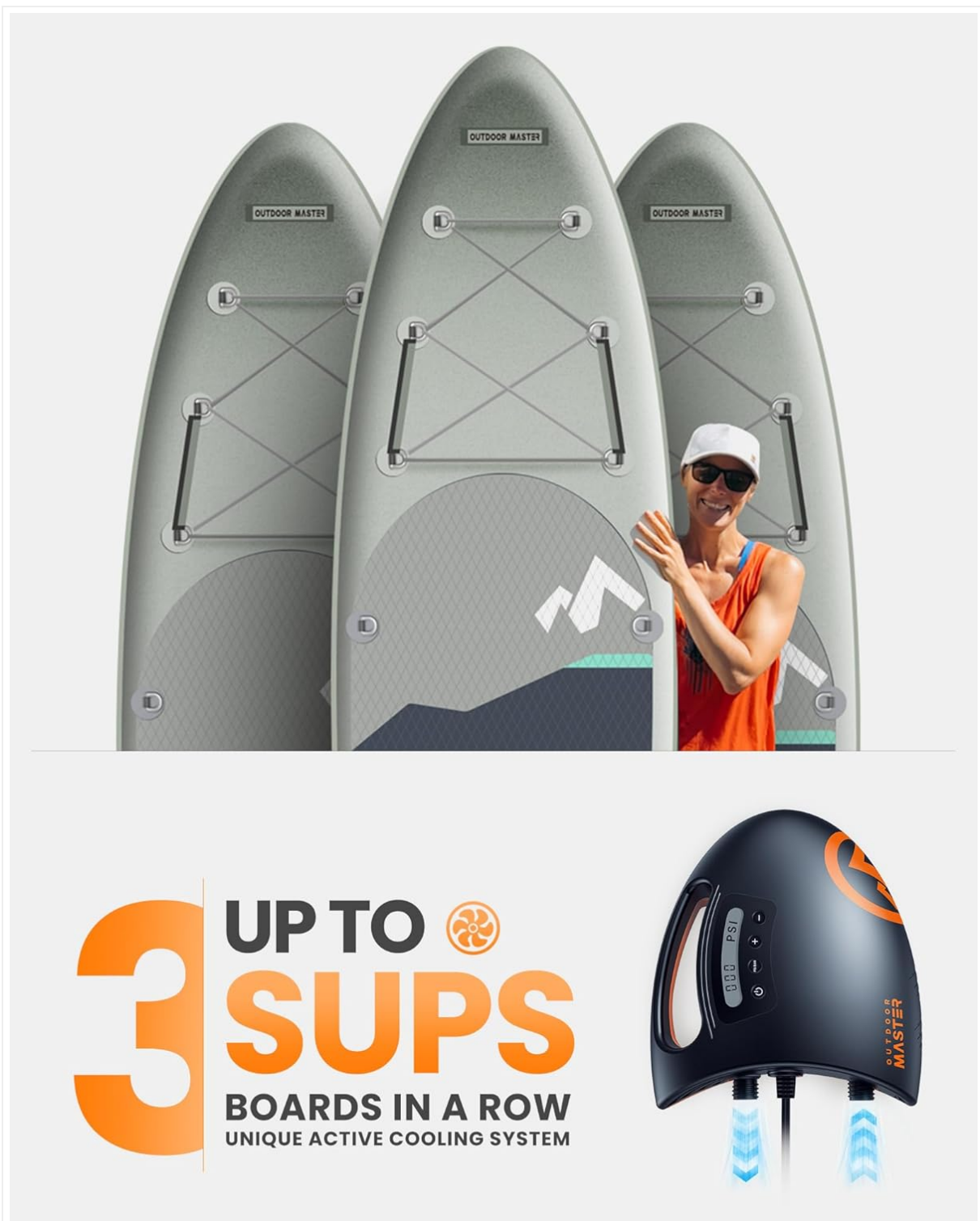


Figure 5.1: Connecting the pump to an inflatable and power source.

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Video 5.1: Demonstrating the setup and use of the OutdoorMaster Shark II pump.

6. Operating Instructions

1. **Set Desired Pressure:** Use the '+' and '-' buttons on the control panel to set your desired pressure (PSI). The digital display will show the target pressure.
2. **Start Inflation:** Press the power button to begin inflation. The pump will operate in dual-stage mode: a high-volume first stage followed by a high-pressure second stage.
3. **Monitor Progress:** The digital display will show the real-time pressure as your inflatable fills.

- 4. **Automatic Shut-off:** The pump will automatically turn off once the preset pressure is reached.
- 5. **Deflation:** To deflate, connect the hose to the 'Deflate' port on the pump and the appropriate nozzle to your inflatable's valve. Press the power button to start deflation.

7. Maintenance

- **Cleaning:** Wipe the pump exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the pump and accessories in a cool, dry place away from direct sunlight and extreme temperatures.
- **Hose and Nozzles:** Ensure the hose and nozzles are clean and free of debris before storage.
- **Filter:** The pump has a built-in sand filter. Periodically check and clean the filter to maintain optimal performance.

8. Troubleshooting

If you encounter any issues with your OutdoorMaster Shark II pump, refer to the table below:

Fault Code	Cause	Solution
PPP	Pressure does not rise	Check for air leaks
U-L	Low-pressure protection	When the voltage is $\geq 10V$, the code will be cleared
U-H	High-pressure protection	When the voltage is $\leq 17V$, the code will be cleared
HOT(7)	Overheating	Cooling required
E5	Battery overheating	Cooling required
E6	Overcurrent protection	Check if the motor is obstructed by foreign objects
E8	Sensor failure	Contact the local agent for repair



Figure 8.1: Fault Code Description for the OutdoorMaster Shark II.

9. Specifications

Feature	Detail
Model Name	SHARK II
Supported Pressure Range	0.5-20 PSI (0.034-1.378 Bar)
Digital Sensor Accuracy	0.01 PSI
Max Pumping Speed (1st Stage)	350L/min
Max Pumping Speed (2nd Stage)	70L/min
Dual Inflators Switch Point	1 PSI
Max Energy Consumption	10A, 120W (12V)
DC Power Cord Length	9ft (2.75m)
Hose Length	4.5ft
Net Weight	3.6 Lbs
Material	Plastic
Power Source	Corded Electric
Operation Mode	Automatic
Built-in Sand Filter	Yes

10. Warranty & Support

The OutdoorMaster Shark II 20PSI High Pressure SUP Air Pump comes with a **1 Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.





For warranty claims, technical support, or any questions regarding your product, please contact OutdoorMaster customer service through their official website or the retailer where the product was purchased. Please have your proof of purchase and product model information ready.

Related Documents - SHARK II



[OutdoorMaster OM-BT01 Wireless Bluetooth Ski Headphones User Manual](#)

User manual for the OutdoorMaster OM-BT01 Wireless Bluetooth Ski Headphones, covering setup, operation, technical specifications, safety warnings, and warranty information.

	<p>OutdoorMaster OM-MZ04m Ski Headphones User Manual</p> <p>User manual for the OutdoorMaster OM-MZ04m true wireless Bluetooth ski headphones. Includes setup, operation, specifications, and safety information.</p>
	<p>OutdoorMaster OM-MZ04m Ski Headphones User Manual</p> <p>User manual for the OutdoorMaster OM-MZ04m True Wireless Ski Headphones, detailing features, quick start guide, power management, function instructions, technical parameters, safety guidelines, and warranty information.</p>
	<p>OutdoorMaster Kelvin II Ski Helmet - EU Declaration of Conformity (DoC)</p> <p>Official EU Declaration of Conformity (DoC) for the OutdoorMaster Kelvin II Ski Helmet, confirming compliance with EU Regulation 2016/425 and standard EN 1077:2007.</p>
	<p>AIRBANK WHALE SHARK Pro 20 PSI Rechargeable SUP Air Pump User Manual</p> <p>Comprehensive user manual for the AIRBANK WHALE SHARK Pro, a 20 PSI rechargeable SUP air pump. Includes details on packing, buttons, working modes, operation instructions for inflation and deflation, power options, protection mechanisms, specifications, factory information, and nozzle compatibility.</p>
	<p>Shark FlexStyle Styling Guide: Create Beautiful Hair at Home</p> <p>Learn how to use your Shark FlexStyle 5-in-1 Hair Styling & Drying System to achieve salon-quality curls, volume, and sleek styles. This guide covers auto-wrap curlers, oval brush, paddle brush, styling concentrator, and curl-defining diffuser.</p>