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Decathlon MH100

Quechua MH100 Family Camping Tent User Manual

Model: MH100 | Brand: Decathlon

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and storage of your Quechua MH100 Outdoor, Waterproof Family Camping Tent. Please read this manual thoroughly before first use to ensure proper handling and to maximize the lifespan of your tent.

2. PRODUCT OVERVIEW

The Quechua MH100 is a simple and easy-to-pitch three-person dome tent designed for occasional outdoor use. It features Decathlon's Fresh & Black technology for reduced heat and increased darkness, along with excellent waterproofing and wind resistance.



Figure 2.1: The Quechua MH100 tent, showcasing its dome structure and off-white flysheet.

Key Features:

- **Capacity:** Designed for 3 persons, with a bedroom measuring 77.5" x 82.6" and a maximum useful height of 45.6".
- **Waterproofing:** Validated in laboratory and field tests, featuring a 2000-mm rated PU-coated polyester flysheet and a 120g/sqm polyethylene groundsheet. All seams are sealed with thermo-bonded tape.
- **Wind Resistance:** Withstands wind speeds up to 25 Mph (Force 5) when properly pitched with all guy ropes.
- **Fresh & Black Technology:** Patented technology that reflects sun's rays and insulates from light, reducing heat sensation and providing 99% darkness inside the tent.
- **Ventilation:** Equipped with 2 top vents and 2 mechanical side ventilation points, plus space between the flysheet and the ground for air circulation to reduce condensation.

3. SETUP INSTRUCTIONS

The Quechua MH100 tent features a classic dome structure for straightforward pitching. Assembly time is approximately 10 minutes.

3.1 Pitching the Tent:

1. Unpack all components from the carry bag: tent body (bedroom), flysheet, 2 poles, 12 tent stakes, and 4 guy lines.
2. Lay out the tent body (bedroom) flat on your chosen campsite.
3. Assemble the tent poles.
4. Fit the assembled tent poles into the sleeves of the bedroom.
5. Raise the tent structure by inserting the pole ends into the grommets or pins at the corners of the tent body.
6. Drape the flysheet over the erected tent body, ensuring it is correctly oriented.
7. Secure the flysheet to the tent body and stake down all corners and guy lines firmly into the ground. Ensure the tent is taut to withstand wind.



Figure 3.1: The Quechua MH100 tent fully pitched with the flysheet providing complete coverage.

3.2 Striking the Tent:

To pack up the tent, reverse the pitching process:

1. Remove all stakes and guy lines.

2. Detach the flysheet from the tent body.
3. Carefully remove the poles from the tent body sleeves.
4. Disassemble the poles.
5. Fold the tent body and flysheet neatly.
6. Ensure the tent is completely dry before packing it into the carry bag to prevent mold and odors.

4. OPERATING INSTRUCTIONS

4.1 Ventilation:

The MH100 tent is designed with optimal ventilation to ensure comfort and minimize condensation. Utilize the 2 top vents and 2 mechanical side ventilation points. The space between the flysheet and the ground also allows air to circulate, refreshing the air inside the sleeping area.

4.2 Fresh & Black Technology:

The patented Fresh & Black exterior fabric reflects sunlight and provides 99% darkness, even in broad daylight. This technology helps keep the inside of your tent cooler and darker for a more comfortable rest. For best results, ensure proper ventilation, especially at night, to allow air circulation and prevent heat buildup from occupants.



Figure 4.1: Interior of the Quechua MH100 tent, highlighting the integrated storage pockets and a hook for a light source.

5. MAINTENANCE

Proper maintenance extends the life of your tent. Always follow these guidelines:

- **Cleaning:** Clean the tent with a damp cloth and mild soap if necessary. Avoid harsh detergents or abrasive materials.
- **Drying:** After use or cleaning, ensure the tent is perfectly dry before packing it away. This prevents the growth of mold and unpleasant odors.
- **Inspection:** Periodically inspect poles, fabric, zippers, and seams for any signs of wear or damage. Repair minor issues promptly to prevent them from worsening.
- **Care Instructions:** Hand wash only.

6. STORAGE

To maximize the lifetime of your tent, store it properly when not in use:

- Ensure the tent is completely dry and clean before storage.

- Fold the tent neatly and place it back into its original carry bag.
- Store the tent in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing the tent in damp or humid environments, which can promote mold growth.



Figure 6.1: The Quechua MH100 tent compactly stored in its carry bag for transport and storage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your tent.

7.1 Condensation Inside the Tent:

- **Cause:** Natural phenomenon due to temperature difference between inside and outside, and moisture from occupants' breath.
- **Solution:** Ensure all ventilation points (top vents, side vents, and space between flysheet and ground) are open to allow maximum airflow. Proper ventilation is key to reducing condensation.

7.2 Tent Not Standing Firmly:

- **Cause:** Improper pitching or insufficient staking.
- **Solution:** Re-check all pole connections and ensure they are fully inserted into sleeves and grommets. Make sure all 12 tent stakes are firmly driven into the ground and all 4 guy lines are taut and properly anchored.

8. SPECIFICATIONS

Feature	Detail
Brand	Decathlon
Model Name	Decathlon Quechua Mh100
Occupancy	3 Person
Product Dimensions (L x W x H)	82"L x 78"W x 46"H
Item Weight	9 Pounds
Shape	Dome
Seasons	3 Season
Water Resistance Level	Waterproof (Flysheet > 2000 mm, Groundsheet > 5000 mm)
Wind Resistance	Withstands 25 Mph winds (Force 5)
Assembly Time	10 minutes
Pole Material Type	Fiberglass
Fabric Type (Double Roof)	85% Polyester, 15% Polyurethane - Coating
Fabric Type (Inside Room)	55% Polyethylene, 45% Polyester
Included Components	Tent, 4 guy lines, 1 carry bag, Waterproof flysheet, 2 poles, 12 Tent Stakes
Color	Off White

9. WARRANTY AND SUPPORT

9.1 Warranty Information:

The Quechua MH100 camping tent comes with a **5-year warranty**. This warranty covers manufacturing defects and is valid for occasional outdoor use (up to 4 weeks per year) during camping trips or in the countryside. Continuous exposure to UV light over several weeks can damage the textile part and is not covered under warranty, as these tents are not designed for permanent outdoor installation like "garden furniture."

9.2 Customer Support:

For any questions, concerns, or support regarding your Quechua MH100 tent, please refer to the Decathlon official website or contact their customer service department. Keep your proof of purchase for warranty claims.

