OVAL

HOME

OVAL Adapt User Manual

1. Introduction

Thank you for choosing OVAL HOME.

This product is designed to enhance the comfort of your existing mattress through precise temperature regulation, helping you enjoy a more natural and restful sleep. Before using this product, please read this manual carefully and keep it for future reference. Please follow the instructions in this manual to ensure proper operation and to avoid damage or inconvenience during use.

As the product continues to be improved, the actual product may differ slightly from the descriptions or illustrations in this manual. In the event of any discrepancy, please refer to the latest information available on https://ovalhome.com, or contact support@ovalhome.com.

This product contains a radio frequency transmitter. Please refer to the Safety Information section.

Please scan the QR code below to download the OVAL HOME App.

These instructions shall also be available in an alternative format, e.g., via QR code (User Manual) or on the website: https://ovalhome.com/support/manual

Download the App

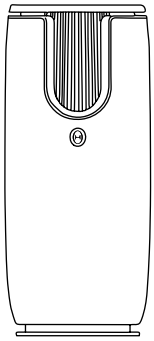
Installation Video

Guides & Manuals

2. Package Contents

Before opening the package, please check that the outer box is intact. After unpacking, please inspect the product for any damage and verify that all accessories are included.

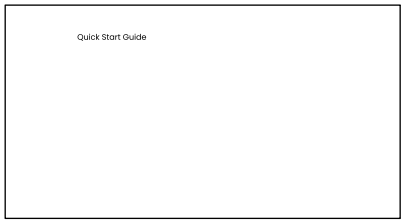
Adapt Hub Package Includes:



Adapt Hub × 1



Power Cord × 1



Quick Start Guide × 1



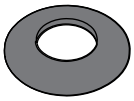
Safety and Warranty × 1
(in envelope)



Drain Adaptor × 1
(Hub)

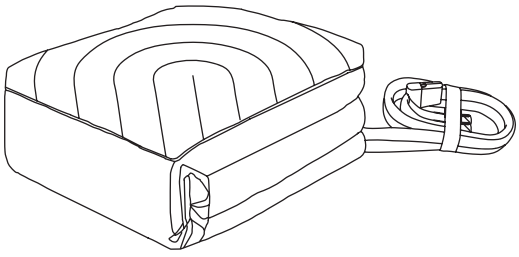


Drain Adaptor × 1
(Layer)



Water Filter × 2

Adapt Layer Package Includes:

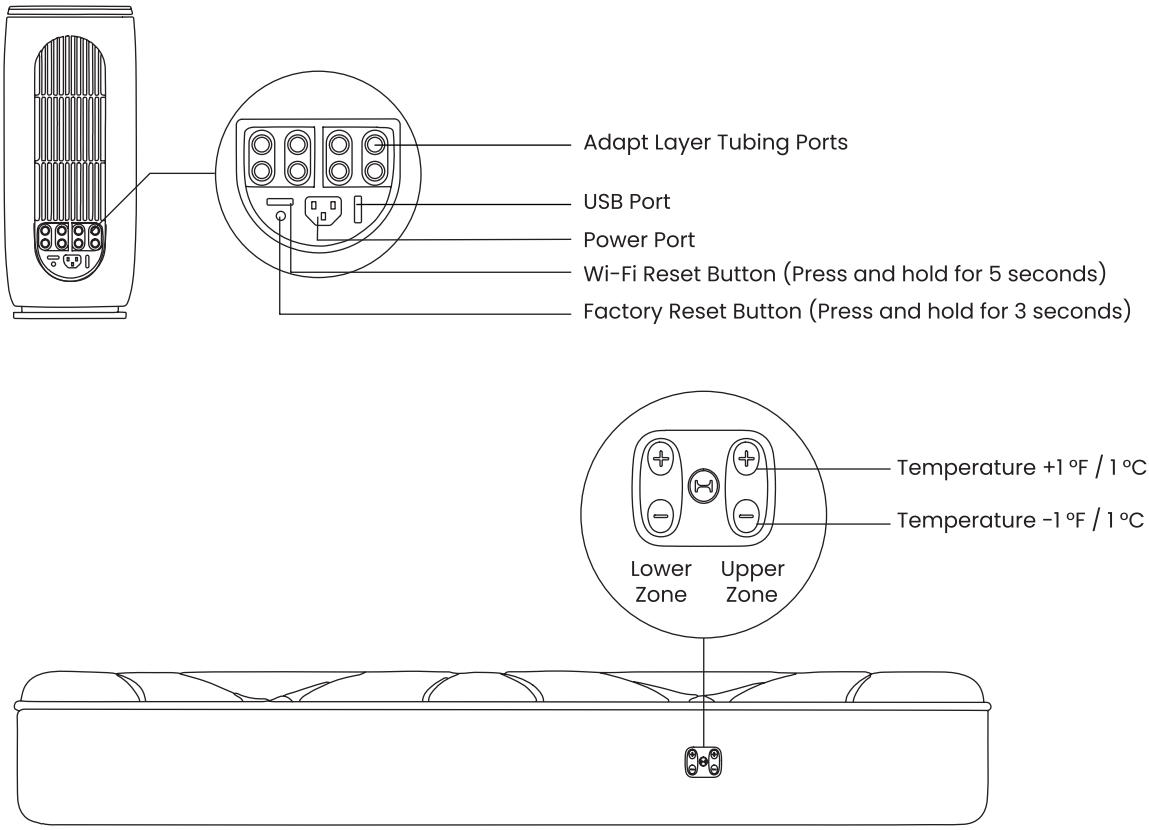


Adapt Layer & Tubing × 1



Adapt Layer Storage Bag × 1

2.1 Button Overview



3. Product Specifications

Product Name	Intelligent temperature-controlled mattress cover & hub	
Model	L1	
Main Unit	Adapt Hub	
Water Tank Capacity	50 US fl oz (1.5 L)	
Input	100–240 V~ 50/60 Hz, 2.5 A	
Rated Power	600 W (Max)	
Radio	Frequency	Max. Output Power
Bluetooth	2.4–2.4835 GHz	0 dBm (EIRP)
2.4G Wi-Fi	2.4–2.4835 GHz	14 dBm (EIRP)
5G Wi-Fi	5.15–5.25 GHz	13 dBm (EIRP)
	5.25–5.35 GHz	13 dBm (EIRP)
	5.47–5.725 GHz	12 dBm (EIRP)
	5.725–5.85 GHz	11 dBm (EIRP)

Mattress Cover	Adapt Layer	
Temperature	54–118 °F (12–48 °C)	
Operating Temperature	41–95 °F (5–35 °C)	
Input	5 V ⎓ 0.25 A (max)	
Radio	Frequency	Max. Output Power
2.4G Wi-Fi	2.4–2.4835 GHz	14 dBm (EIRP)
5G Wi-Fi	5.15–5.25 GHz	9 dBm (EIRP)
	5.25–5.35 GHz	12 dBm (EIRP)
	5.47–5.725 GHz	7 dBm (EIRP)
	5.725–5.85 GHz	11 dBm (EIRP)

4. Installation Instructions

4.1 Install the Adapt Layer

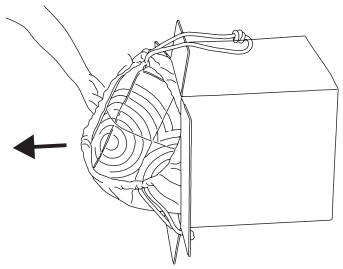
I. Remove the Adapt Layer from its packaging.

II. Unfold the Layer and lay it flat on the mattress. The label should be in the center of the head of the mattress.

III. Secure the four fitted corners around the mattress, ensuring the surface is smooth and wrinkle-free.

IV. Ensure the tubing connectors are at the head end of the bed.

V. We recommend covering the Layer with your own fitted sheet or an OVAL HOME-compatible bedding.



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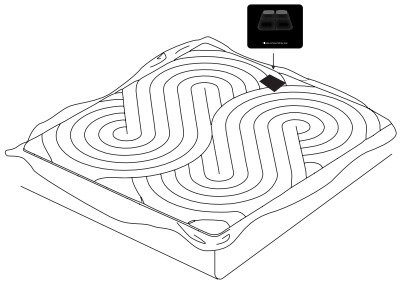

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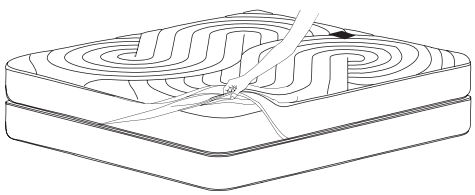

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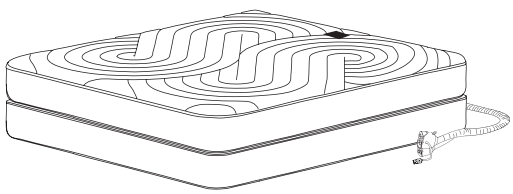


IV.

4.2 Connect the Adapt Hub

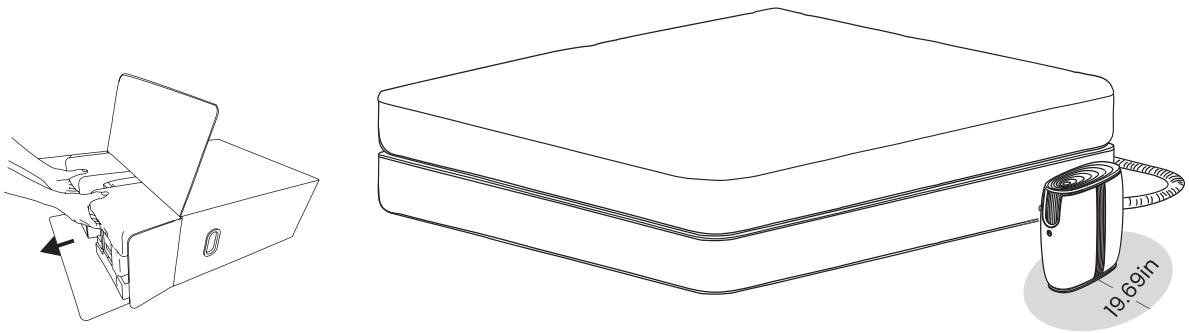
I. Remove the Adapt Hub from its packaging and place upright on the floor near the head of the bed, leaving 8–12 inches (20–30 cm) of clearance around it for ventilation.

II. Insert the two tubing connectors from the Layer into the corresponding ports on the Hub - matching the coloured dots. Push each connector in until you hear a “click.”

III. Plug the USB cable attached to the tubes into the Hub.

IV. Connect the power cord to the Hub.

V. Make sure the tubing, USB cable, and power cord hang naturally and are not pinched, bent, or pressed by the mattress or bed frame.



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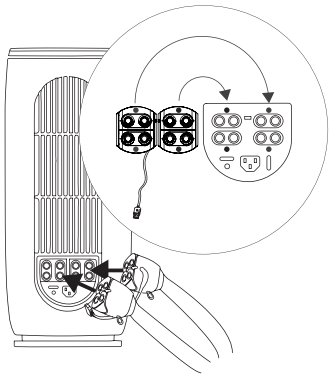

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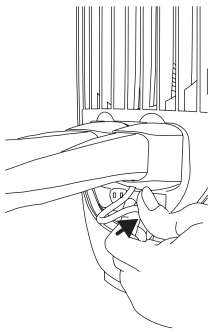

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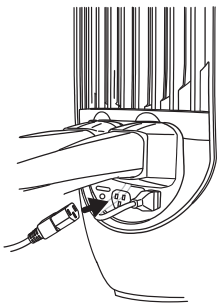

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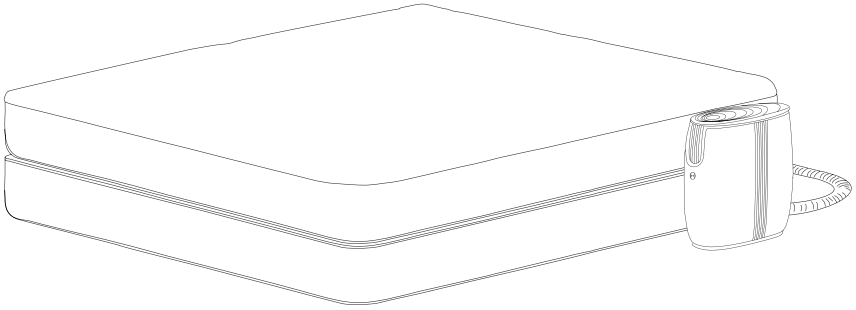


V.

5. Usage Instructions

5.1 Connecting to the App

Before first use, please download and log in to the OVAL HOME App to complete device setup and enable daily control:

Open the App Store (iOS) or Google Play (Android), search for “OVAL HOME”, then download and install the app.

Download the App

Please scan the QR code below to download the OVAL HOME App.

I. Enable Bluetooth and location permissions on your phone.

II. Open the OVAL HOME App and register or log in to your account.

III. Tap “Add Device” and select “OVAL Adapt.”

IV. Make sure the Hub indicator is flashing blue, then follow the in-app instructions to complete Bluetooth pairing.

V. Select your Wi-Fi network, enter the correct password, and complete Wi-Fi setup.

VI. Pairing is complete when the device appears as “Online” in the App and the Hub indicator turns orange.

5.2 Device Setup

5.2.1 Filling the Water Tank

I. Open the Hub top cover, remove the water tank, and open the tank lid.

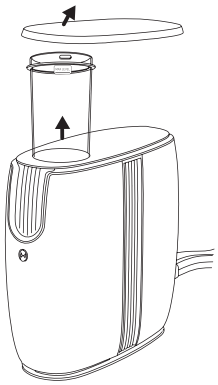
II. Place the water filter at the bottom of the tank and allow it to attach magnetically. Make sure it is securely in place.

III. Fill the tank with distilled or purified water up to the “MAX LEVEL” mark. Do not overfill.

IV. Securely close the tank lid and reinstall the tank into the Hub.

V. Rotate the tank until the tank lid is flush with the top surface of the Hub, indicating that the tank is securely installed. Then close the top cover.

VI. During the initial filling process, the indicator light will flash white. If it turns solid orange, refill the tank with distilled or purified water. Initial filling typically requires 2–3 tankfuls and takes approximately 3–5 minutes. When the indicator light turns solid white, filling is complete.



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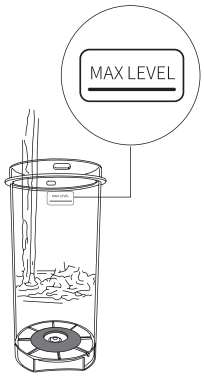

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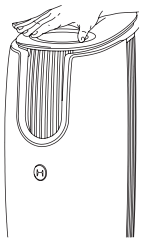

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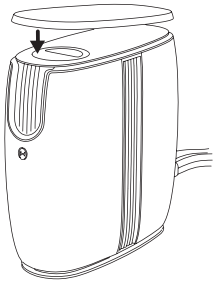

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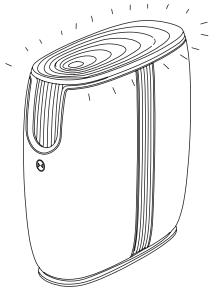


VI.

5.2.2 Adapt Hub Indicator Light Guide

Light Color	Light Status	Device Status
White	Solid	Normal / Standby
White	Flashing	System priming
Orange	Solid	Low water level
Orange	Flashing	Device error
Blue	Solid	Firmware updating
Blue	Flashing	Device connecting

6. Maintenance

This product features a precise water-cooling, heating, and circulation system. Proper daily maintenance will help extend the product's service life and ensure an optimal sleep experience.

6.1 Routine Care

- It is recommended to regularly clean the surface of the Layer to reduce the buildup of dust.
- If the product will not be used for an extended period, please turn off the device, disconnect the power supply, and cover the Layer with a fitted sheet or protective pad for dust protection.

Do not:

- Place the Layer in high-temperature, humid, extremely dry, or poorly ventilated environments.
- Leave heavy objects on the Layer for extended periods.
- Store the Layer in a tightly folded position or hang the Layer up.

6.2 Cleaning Instructions

For the Adapt Layer:

- Use a vacuum cleaner, soft brush, or mite-removal device to clean the surface and reduce the buildup of dust.
- For localized stains, gently wipe the area with a damp towel using a small amount of mild detergent or mattress-specific cleaner.

Cleaning precautions:

- Ensure the cleaning cloth or sponge is moderately damp to avoid excessive moisture seeping into the Layer.
- Wipe gently and avoid vigorous scrubbing.
- Avoid using strong acids, alkalis, or corrosive cleaners.
- After cleaning, dry the surface with an absorbent cloth or towel to remove any moisture from the surface.
- In case of a liquid spillage, immediately disconnect the power and absorb the liquid. Ensure the Layer surface is completely dry before reuse.

7. Troubleshooting

If the Hub or Layer is not operating properly, please try the following steps before contacting customer support:

Issue	Possible Cause	Solution
Device does not power on	Loose power cord or no power at outlet	Check that the power connection is secure, or try a different outlet.

Issue	Possible Cause	Solution
Abnormal noise	Air vent blocked by foreign objects	Check the air vent for obstructions.
	Air bubbles in tubing	Initial bubbles will disappear after the device runs for a short period.
	Device placed on an uneven surface	Ensure the device is placed on a stable, level surface with proper ventilation.
		If the noise continues, stop using the device and contact support.
Water leakage	Tubing not securely connected	Stop using immediately and disconnect the power.
	Overfilled water tank	
	Damaged component	Inspect according to water leakage handling instructions.
Orange indicator light flashes	Internal device component malfunction	Stop using and disconnect the power.
App cannot detect device	Bluetooth or location permissions not enabled	Enable Bluetooth and location permissions.
	Device not paired	Check the device indicator light status.
	Weak Wi-Fi signal	Reset the Wi-Fi connection and move the device closer to the router.
Sleep data lost / shows offline	“Away Mode” enabled	Disable “Away Mode” in the App main menu.
	Sleep side incorrectly assigned	Confirm the correct sleep side assignment.
	Wi-Fi connection issue	Check and reconnect to Wi-Fi.

Issue	Possible Cause	Solution
Device offline	Wi-Fi information changed	Verify the Wi-Fi password is correct.
	Router restarted	Restart the router and the Hub.
Tubing connector not securely connected	Tubing connection or power issue	Make sure both tubing connectors are fully inserted and locked in place.
	Improper tubing layout affecting flow	Ensure tubing hangs naturally and is not pinched or obstructed by the mattress or furniture.
"Low Water Level" warning	Water level is low	Remove the tank, refill it to the MAX LEVEL mark, and reinstall it.
	Water level too low, system restricts operation	Refill water to resume normal operation.
Sensor disconnected	Layer disconnected from Hub	Disconnect and reconnect the USB connector at the back of the Adapt Hub, then wait approximately 60 seconds.
	Hub needs restart	Power off Hub for 10–15 seconds, then turn it back on; wait for the indicator light to turn white.
Inaccurate data	Sensors may detect any movement on the bed, for instance from pets or objects placed on the bed. This can cause interference in monitoring and reporting.	Try to keep to your assigned side of the bed; avoid sleeping in the center of the bed and avoid having any pets or people sleep in the center of the bed.
		Ensure the mattress cover is flat and fitted, and do not cover sensor strips.
		Data can be manually corrected on the "Last Night" page in the App.

Note: If the problem persists after following the above steps, please contact OVAL HOME Customer Support.

8. Regulatory Compliance

EU Declaration of Conformity (DoC)

Hereby, ACADEMY FOR FUTURE HEALTH LTD declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. You can find the Declaration of Conformity at https://ovalhome.com/support/compliance

Waste Electrical and Electronic Equipment (WEEE)

This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE).
This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

Correct Disposal of this product



This marking indicates that this product should not be disposed of with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Radio Frequency Compliance

In order to protect human health, this device meets the thresholds for exposure of the general public to electromagnetic fields according to Council Recommendation 1999/519/EC.

Restrictions in the WLAN band:

This device is restricted to indoor use when operating in the 5150 to 5350 MHz frequency range in the following countries: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Northern Ireland, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and Turkey.
This device is restricted to indoor use when operating in the 5150 to 5350 MHz frequency range in the United Kingdom.

UK Declaration of Conformity

Hereby, ACADEMY FOR FUTURE HEALTH LTD declares that the radio equipment type L1 is in compliance with Radio Equipment Regulations 2017. The full text of the UK declaration of conformity is available at the following website: https://ovalhome.com/support/compliance

Reduction of Hazardous Substances

This device and any electrical accessories are compliant with local applicable rules on the restriction of the use of certain hazardous substances in electrical and electronic equipment, such as EU REACH, RoHS and Batteries (where included) regulations.
For declarations of conformity regarding REACH and RoHS, please visit our website at https://ovalhome.com/support/compliance

FCC Statement

Model Number: L1
This device 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 of the device.

Note:
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.

CAUTION
Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment. This equipment complies with FCC mobile radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This requirement has been taken into consideration in the design of this product to ensure compliance.

IC Statement

Model Number: L1
CAN ICES-3 (B) / NMB-3 (B)
This Class B digital apparatus complies with Canadian ICES-003.
This device complies with Industry Canada license-exempt RSS standard(s). 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 of the device.

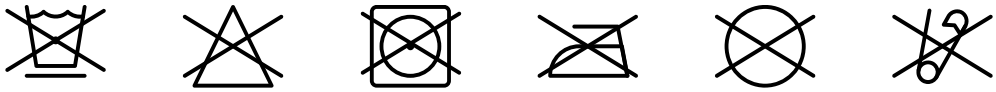
This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

CAUTION
Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment.
The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

ATTENTION
This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a distance greater than 20 cm between the radiator and your body. This requirement has been taken into consideration in the design of this product to ensure compliance.

9. Safety Information

Please retain this information for future reference.



- Read and understand all safety warnings before using this product.
- Failure to follow these instructions may result in fire, electric shock, overheating, water leakage, property damage, serious injury, or death.
- This product is intended for indoor household use only.

9.1 Medical and Usage Restrictions

This product is not a medical device. Do not use it to diagnose, monitor, treat, cure, or prevent any disease, sleep disorder, or medical condition.

Consult a healthcare professional before use if you:

- Are pregnant or may be pregnant.
- Have serious cardiovascular or respiratory conditions.
- Have diminished skin sensitivity (e.g., diabetic neuropathy).
- Have circulatory disorders or skin ulcers.
- Use implanted medical devices (e.g., a pacemaker).
- Have a known sensitivity or intolerance to heat or cold.

This product is not a baby monitor and will not:

- Detect infant breathing issues.
- Alert when an infant stops breathing.
- Prevent Sudden Infant Death Syndrome (SIDS).

9.2 Infant, Child, and Pet Safety

Use caution when operating this product around infants, children, or pets, as improper use may result in death or serious injury.

Precautions:

- Keep all connectors, tubing, and power cords out of reach of infants, children, and pets.
- Certain components may pose entanglement or strangulation risks during sleep if used improperly.

Important Safety Instructions:

- This appliance can be used by children aged from 8 years and older and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the safe use of the appliance and understand the hazards involved.
- Children between 3 and 8 years old shall not use this appliance unless the controls have been preset by a parent or guardian, or unless the child has been adequately instructed on how to operate the controls safely.
- Children under 3 years old shall not use this appliance.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be performed by children without supervision.
- This appliance shall not be used by persons insensitive to heat and other very vulnerable persons who are unable to react to overheating.

9.3 Electrical and Fire Safety

Only use the original power cord and detachable power cord supplied with the product.

Precautions:

- Do not replace cords with those that do not meet the rated specifications or are unapproved by OVAL HOME.
- Do not use damaged cords, plugs, adapters, or outlets. Damaged electrical components may cause fire or electric shock.
- Do not route cables or control components in the following ways:
  - Placed under the mattress.
  - Pinched between the mattress and the bed frame or box spring.
  - Pressed under bed boards or furniture.
  - Pressed tightly against walls, headboards, footboards, or sharp edges.
- Do not use extension cords, power strips, or multi-plug adapters.

Unplug the power cord in the following situations:

- During thunderstorms.
- Before cleaning or moving the device.
- When not in use for an extended period.

If you see smoke or sparks, smell unusual odors, or hear abnormal noises, immediately disconnect the power and stop using the product. Contact emergency services if needed, then contact OVAL HOME as soon as possible.

9.4 Heated Surface and Safety

This device has heated surfaces. Individuals who are insensitive to heat or have difficulty perceiving temperature changes should consult a physician before use.

Precautions:

- Do not use topical pain relief creams, heating rubs, or similar products while using the heating function, as they may reduce heat perception and increase burn risk.
- Do not use this product if you have open wounds, severe rashes, or other serious skin conditions.
- Stop using immediately if you feel overheated, chilled, or uncomfortable.

9.5 Water System and Leak Safety

This product uses an internal water circulation system.

Precautions:

- Recommended water type: Distilled water or purified water.
- Do not add alcohol, oils, fragrances, detergents, disinfectants, or other chemicals to the water tank unless explicitly specified by OVAL HOME.
- Ensure all tubing connections between the Hub and Layer are fully inserted and securely fastened.
- Do not place the Hub where water leakage could damage other devices, power outlets, or flooring.
- If you notice abnormal moisture or suspect a leak:
  - Get off the bed immediately.
  - Turn off the device and unplug the power cord.
  - Wipe up visible standing water to prevent slipping.
  - Do not open or disassemble the Hub.

9.6 Installation and Bed Compatibility

Use this product only on a stable, flat, standard mattress that matches the size of the Layer.

Do not use on:

- Waterbeds.
- Sofas, sofa beds, or folding beds.
- Bunk beds.
- Beds with sharp or protruding parts that could damage the Layer or tubing.
- Adjustable beds.

10. Warranty Policy and Contact Information

10.1 General Warranty

The Adapt Hub and Adapt Layer are covered by a 2-year limited warranty from the date of delivery.

This warranty applies to products purchased directly from OVAL HOME or through an authorized OVAL HOME retailer or sales channel. Products purchased from unauthorized sellers or through secondhand transactions are not covered. The warranty is non-transferable and applies only to the original purchaser.

10.2 Warranty Coverage

During the 2-year warranty period, you are entitled to free repair or replacement if the product experiences any of the following:

- If improper operation of this bedding is observed, discontinue its use immediately and consult the manufacturer or the dealer regarding its repair.
- Material or Craftsmanship Issues: Malfunction of the Hub or Layer caused by defects in materials or workmanship under normal use.

Replacement/Repair Service: At its discretion, OVAL HOME may repair the product using new or refurbished parts, or provide a new or refurbished replacement product of equivalent value.

Warranty Policy: A replacement part or product is covered for the remainder of the original warranty period or 90 days from its delivery to you, whichever is longer. Replacement does not start a new 2-year warranty. Coverage may extend beyond the original end date only as provided by the 90-day replacement coverage above.

10.3 Exclusions from Warranty Coverage

The warranty does not cover the following:

- Misuse or Accidental Damage: External damage such as water ingress, overvoltage, or power surges.
- Unauthorized Repair or Modification: Any repair, modification, or maintenance performed without official authorization from OVAL HOME.
- Cosmetic Damage: Scratches, dents, or fading that do not affect the product's functionality.
- Consumables and Accessories: Consumable items, including water filters that are intended to be periodically replaced during normal use.
- Pet Damage: Damage caused by pets biting, scratching, or otherwise harming the product.
- Abnormal Environmental Use: Use of the product outside the specified temperature, voltage, or humidity ranges. The operating environment must be maintained at 41°F to 95°F (5°C to 35°C) and 10% to 90% RH, non-condensing. Transportation and storage conditions must be maintained at -4°F to 140°F (-20°C to 60°C) and 5% to 90% RH, non-condensing.
- Failure to Follow Operating Instructions: Failure to operate, clean, or maintain the product according to the instructions in the User Manual.

10.4 How to Request Warranty Service

Contact OVAL HOME Customer Support at support@ovalhome.com or visit https://ovalhome.com to request a Return Authorization (RA) number before returning any product.
Please provide the product model, serial number, proof of purchase (including the date of purchase), name, and contact information. Once a Return Authorization is issued, return the device with the RA number included, in its original packaging or equivalent protective packaging.

