MEDICAL AIR MATTRESS

WITH PATENTED BEDPAN AND GUARDRAIL FEATURE

ObboMed medical mattresses are suitable for stages 1-4.

USER GUIDE

MODEL NO.:

OB-1600/OB-1620/OB-1650/OB-1680

OB-2600/OB-2620/OB-2650/OB-2680/OB-2690

OB-3600/OB-3620/OB-3650/OB-3680/OB-3690

VERSION: 4.0 DESIGN: 20240715

DOCUMENT NO.: OB-3690 CETCF5

OBBOMED GROUP LLC

1210 E. Lexington Ave. • Pomona, California 91766 • United States

Tel: 909-364-9831

www.obbomed.com

TABLE OF CONTENTS

Before using this mattress, please review all sections of this User Guide. It outlines the many features of the mattress and can help to prevent accidents and injuries. Retain this User Guide for future reference for all users, caregivers, and family members.

1. Statements and Symbols 3
2. Safety Information 8
3. Safety Standard/Approval 13
   EMC Statement/EMC Information 13
4. Technical Specifications 15
   Electrical 15
   Performance 15
   Mechanical 16
   Environmental 18
5. Contraindications 18
6. Risk of Bed Rail Entrapment 18
7. Patented Features and Functions 19
   Air-filled Inflatable Guardrails 19
   Bedpan Inflatable 20
   Shampoo Inflatable 20
   Warmer 21
   Massager 21
   Self-Lateral Rotation: 15° 21
   Rotation Angles: 15°/25°/40° 21
8. Control Unit Overview 22
   Function Display Panel 23
   Inflatable Guardrails 29
   Rotation Angles: 50°/60° 29
   Prone 29
   Model Groups and Functional Symbols 30
9. Mattress Overview 32
10. Mattress System Setup 33
    Unpacking and Inspection 33
    Package Contents 33
    Mattress Installation 34
    Control Unit Installation 35
    Hose Joint Connection 36
    Power ON/OFF Switch 37
11. Operation 38
    ON/OFF: System and Power 38
    Placing Patient 38
    Patient Transfer 39
    Low Air Loss Feature 40
    Fowler/Seating and Side Bolster 40
    Comfort Pressure Adjustment 40
    CPR Operation 40
12. Maintenance 41
    General Information 41
    Cleaning 43
    Storage 45
    Disposal 45
13. Troubleshooting 46
14. Limited Warranty 47
15. Distributor and Manufacturer 52
    Patented Data

1 STATEMENTS AND SYMBOLS

NOTE, LABEL, CAUTION, WARNING, AND DANGER STATEMENTS

NOTE/STATEMENT:

Various symbols and notifications call attention to vital or potentially harmful conditions that can lead to serious or fatal injury and property damage.

Symbols: The following symbols identify hazardous or life-threatening conditions that can cause death, physical impairment, and/or damage to property.

DANGER:	Alerts user to an action that may lead to serious injury or death.
WARNING:	Calls attention to a condition that must be avoided to reduce risk of serious injury or death.
CAUTION:	Alerts user to a condition to prevent harm to self and/or property.
RISK OF ELECTRICAL SHOCK:	Do not remove control unit cover.

LABEL: Labels may be added, revised, or omitted without prior notice. The primary label provides the serial number and is located on the back of the control unit. Labels that are removed, defaced, or otherwise altered increase risks of destruction of property, injury, or death. Keep labels intact and readable.

While using the ObboMed Mattress System, other nearby electromagnetic devices may emit radiation and cause interference with the ObboMed Mattress System, which may have an adverse effect on the clinical results of ObboMed Mattress System. The impact of such radiation interference is unknown so far.

Intended Use: The ObboMed Multifunction Alternating Air Mattress Systems are intended for use of prevention and treatment of decubitus ulcers (i.e., bedsores).

NOTE: INFORMATION CONTAINED IN THIS USER GUIDE IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

Symbols on the printed label on the outside package:

Refer to instruction manual/booklet
Indicates that the User Guide instructions must be read before use.

General warning sign
Attention! Reading all instructions, especially those marked with this symbol, is essential.

For indoor use only
To identify electrical equipment designed primarily for indoor use.

Keep away from rain
To indicate that the transport package shall be kept away from rain and in dry conditions.

Type BF applied part
To identify a type BF applied part complying with IEC 60601-1.

Notes: (1) B = Body, (2) F = Floating applied part; Published in: Supplement G, 1985. Mattress is BF applied part.

Class II equipment
To identify equipment meeting the safety requirements specified for Class II equipment according to IEC 61140.

In accordance with European Directive 2002/96/EC on Waste Electrical and Electronic Equipment, this symbol means the product must not be disposed of as unsorted municipal waste. It must be collected separately.

Alternating current
To indicate on the rating plate that the equipment is suitable for alternating current only; to identify relevant terminals.

Direct current
To indicate on the rating plate that the equipment is suitable for direct current only; to identify relevant terminals.

ON for equipment parts

OFF for equipment parts

ON/OFF power for equipment part

Fuse
To identify fuse boxes or their location.

Non-ionizing electromagnetic radiation
To indicate generally elevated, potentially hazardous, levels of non-ionizing radiation, or to indicate equipment or systems, e.g., in the medical electrical area that include RF transmitters or that intentionally apply RF electromagnetic energy for diagnosis or treatment.

Radiation, infrared
To identify the control or the indicator for switching infrared radiation on and off, and to identify the corresponding connector. This symbol shall not be used for control or indication of laser radiation.

Notes: In case of application in a warning sign the rules according to ISO 3864 shall be adhered to; Published in: Amendment 1, 2000;3C/421/FDIS;62A/230/CDV

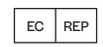
Communication, infrared
To identify communication products which are using infrared emitters and receivers to transmit and receive information with signal modulation.

Caution, risk of electric shock
To identify equipment, for example, the welding power source, that has risk of electric shock.

Notes: (1) ISO 3864-1 provides the rules for the application of this symbol as a safety sign; (2) ISO 7010-W012: "Warning; Electricity" is a related safety sign; Remarks: Error in date of release was corrected on 2011-01-04.

Manufacturer
To identify the manufacturer of a product. This symbol shall be used in all applications to differentiate it from ISO 7000-2497.

Symbol is accompanied by the name adjacent to the symbol and, when applicable, by the address of the manufacturer.



European Authorized Representative
Authorized representative in the European community.

Serial number
To identify the manufacturer's serial number, for example on a medical device or its packaging. The serial number shall be placed adjacent to the symbol.

Fragile; handle with care
To indicate that the contents of the transport package are fragile and the package shall be handled carefully.

Use-by date
To indicate that the device should not be used after the date accompanying the symbol, for example on a medical device or its packaging.

The expiration date can be a year; year and month; or year, month, and day. The date shall be shown adjacent to the symbol. The date may for example be given as follows: 1997-06-12.

Batch code
To identify the manufacturer's batch or lot code, for example on a medical device or the corresponding packaging. The code shall be placed adjacent to the symbol.

General symbol for recovery/recyclable
To indicate that the marked item or its material is part of a recovery or recycling process.

The symbol is applicable only to those products or materials for which at the end of life there is a well established collection route and recycling process and which does not significantly impair the effectiveness of other recycling schemes.

Non-sterile
To indicate that the device that is normally provided sterile in the same or similar packaging has not been sterilized.

The symbol is also used to indicate that a device that the manufacturer intends to be sterilized has not yet been through the sterilization process.

Date of manufacture
To indicate the date on which a product was manufactured.

The date can be a year, year and month, or year, month, day. The date shall be placed adjacent to the symbol. The date may for example be given as follows: 1996-06-12.

This way up
To indicate correct upright position of the transport package.
This symbol shall be used in the orientation shown.

Plus (positive polarity)
To identify the positive terminal(s) of equipment which is used with, or generates direct current.

Notes: The meaning of this graphical symbol depends upon its orientation; Published in: First edition, 1973

Minus (negative polarity)
To identify the negative terminal(s) of equipment which is used with, or generates direct current.

Notes: The meaning of this graphical symbol depends upon its orientation; Published in: First edition, 1973

This device complies with the requirements of Directive 93/42/EEC concerning medical devices.

Classification: Class IIb

IP22
Protected against solid foreign objects of 12.5 mm and greater; Protection against vertically falling water drops when ENCLOSURE tilted up to 15°.

= 135Kg
The weight capacity of the mattress system is 135 kg (297 lbs.); please verify patient weight does not exceed this weight capacity before operation. Our special model has a weight capacity of up to 360 kg (800 lbs.). Weight capacity varies by model.

2 SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USE

Before using an ObboMed Multifunction Alternating Air Mattress System, be sure to read this User Guide and related instructional publications, handbooks, and updates that accompanied this product, or instruction supplied with accessories and other compatible equipment to acquire a full understanding of the product.

CAUTION: When using electrical products, especially around children, always follow all safety precautions. Use this product only as intended and as described in this guide.

WARNING/DANGER: Improper operation of this product may lead to critical injuries or death. Should you find any warning or caution labels or instructions unclear, ask an ObboMed specialist or an associate at the original retailer for assistance.

WARNING: The ObboMed mattress is only to be used in a medical facility under the direction of a trained physician.

WARNING: Do not service and maintenance while the mattress is in use!

WARNING: Reciprocal interference must be monitored after treatments for dangers posed by the presence of the mattress during specific investigations or treatments.

WARNING: Remove the battery if the mattress is not likely to be used for some time.

WARNING: Don't modify the equipment.

WARNING: This mattress is a medical device that requires Electromagnetic Compatibility (EMC) safety measures. The device must be installed and operated in accordance with the EMC information in chapter 3 of this document.

Don't use the mattress in a dusty environment. Otherwise damage and/or malfunction may result.

If the patient is using cream or ointment on their skin, please consult a doctor, as the Warmer may increase or decrease potency.

DANGER: Do not curl up the mattress to avoid wrapping the patient and cause suffocation. Never attempt to use a damaged, nonworking, or functionally compromised ObboMed system. Turn off and cease use of the product in the event of damage or newfound defects in the system. Consult with a technical specialist or ObboMed for repairs. Following any alterations, minor or major modifications, or service calls, check all hardware to ensure that all parts are securely attached.

CAUTION: Only use replacement parts as specified by ObboMed.

WARNING: Do not heat, steam autoclave, or immerse the control unit in liquid.

DANGER: Never smoke or allow others to do so in the presence of this device.

DANGER: Always use authentic ObboMed mattresses, optional equipment, and parts. Parts and optional equipment manufactured by other companies have not been tested by ObboMed and may compromise functionality and increase risks of injury or death.

RISK OF ELECTRIC SHOCK:
To reduce the risk of electric shock, injury, or death:

- Always unplug this product immediately after use or before maintenance.
- Keep this product away from water and other liquids.
- Never use this product while bathing or showering.
- Never handle the control unit or power cord with wet hands.
- Never place this product where it could fall or be pulled into a tub or a sink.
- Do not reach for this product if it has fallen into water. Unplug it immediately.
- All power cords must be correctly routed and secured.
- Regularly examine power cords and outlets for wear and damage. Switch off and stop using the device immediately once you observe a damaged or defective outlet or power cord. A qualified ObboMed technician may be reached for repairs and technical support.
- **Never** take apart or attempt to disassemble the control unit or accessories.
- **Never** insert any objects into openings in the product and control unit.
- **Disconnect** the electrical plug immediately when liquid comes in contact with the power cord or touches or comes near the outlet or control unit.
- Wipe away all residue, water, or other liquid and do not use the product until the immediate area is completely dry.
- Always check for leaks in batteries or other electrical devices before using the ObboMed Medical Air Mattress controller unit.
- In the event of leakage, discontinue use of the product and contact the retailer or ObboMed for assistance.

WARNING/DANGER:
Using this mattress in extremely hot or cold environments might reduce product performance.

To reduce the risk of burns, fire, or injury:

- Never leave this product unattended when it is plugged in.
- Closely supervise children, individuals with disabilities, and the elderly near this product.
- Use only product attachments recommended by ObboMed.
- Never operate this product if:
  - It is damaged.
  - It is not working properly.
  - It was dropped into water.
  - Its cord or plug is damaged or broken.

If any of the above problems occur, please return the product to an ObboMed service center.

- Keep the product and cord away from heated surfaces.
- Never block the air openings of this product. Never place it on a soft surface, such as a bed or couch that may block air openings. Keep air openings free of lint, hair, and other debris.
- Never drop or insert any objects into any of the product openings or its hose.
- Never use this product outdoors.
- Do not use this system in an area recently sprayed by an aerosol can or container.
- Do not use this system in the surroundings of flammable liquids or inhalable, nitrous oxide, oxygen-based anesthetics, or oxygen-rich environments.
- Do not use this system while smoking a cigarette or other ignited object.
- Do not modify any part of this product without authorization from ObboMed.

WARNING/DANGER:
To avoid cross-infection, please disinfect the whole product before using for different patients.

DANGER: This product may contain small parts that may pose as choking hazards for children, adults, and pets.
Always monitor the area in the presence of children, individuals with cognitive impairment, and pets.

DANGER: To eliminate the risk of injury related to pressure ulcers:

- Skin health should be checked routinely after system setup and while the system is in use.
- Changes in the patient's condition and symptoms may render the product less appropriate.
- A therapist, physician or other clinician, or your product representative can help to determine whether the system continues to support current treatment.
- Only a physician or other clinical professional can answer questions and review the health status of the patient.

WARNING: To avoid risk of death or injury due to product misuse:

- Always lock the control function display panel system.
- Never leave individuals with cognitive disabilities or children unsupervised.
- Monitor patients using this device who have impaired hearing, vision, or communication.

CAUTION: Environment of treatment/operation

- This system should be kept in a well-ventilated area to maintain free air intake and exhaust.
- This system should not be operated in areas close to smoke, fumes, pollutants, flames, cleaning agents, chemical vapors, and other foreign airborne particles.
- All openings in the control unit and overall system should be kept free of foreign particles, including dust, animal fur, hair, and lint.
- The ObboMed system should be positioned at least 30 cm (11.8 in.) from furniture, draperies, walls, and heated areas.

CAUTION:
To help prevent the patient from bottoming out, do not affix the mattress to the bed frame at the head or foot ends. Instead, secure the head and foot ends of mattress straps firmly on the bed deck at the head and foot ends (because the head and foot must be able to lift up). Central mattress straps should be fixed firmly to the center of bed frame.

DANGER:
The cables and hoses required in the operation of this product, particularly those of excessive length, present a potential strangulation hazard for young children. **Keep out of reach of children.**

CAUTION:

- Continuously adhere to the instructions provided in this User Guide and regularly inspect parts and equipment.
- Consult with technical support or ObboMed should you encounter any of these interferences:
  - Loose or lost end caps, hoses, knobs, bolts, screws, fasteners, and other parts must be firmly fixed or replaced.
  - Remove or fix sharp edges or rough surfaces throughout the device.
  - Parts or components weakened by excessive wear and tear should promptly be replaced.
  - Immediately replace parts affected by warping or other types of damage.

CAUTION:

Smoking is prohibited around this device. Do not allow visitors to smoke and risk contamination of the system. Note that airflow from the mattress may be ignited by an unextinguished cigarette or pipe. Ignoring this caution may lead to fire and other property damage as well as injury or death.

CAUTION: Store and use the ObboMed mattress with the environmental conditions described in chapter 3 of this User Manual. Failure to do so may lead to equipment malfunction or failure.

CAUTION: It should be noted that portable and mobile radio frequency (RF) communications equipment can affect medical electrical equipment.

CAUTION: When the ObboMed mattress is used in close proximity to other equipment, the medical electrical equipment or system should be observed to verify normal operation in the configuration in which it will be used.

NOTE: Any adverse effects from other electromagnetic equipment on the ObboMed control unit/pump have yet to be determined. Therefore, be aware of any possible interference by other electromagnetic equipment while using the ObboMed system.

NOTE: INFORMATION CONTAINED IN THIS USER GUIDE IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

3 SAFETY STANDARD/APPROVAL

This high-quality, cost-effective mattress system is designed to help treat and prevent bedsores and pressure ulcers while maximizing patient comfort. It complies with medical industry standards and was carefully built and inspected before shipment.

The manufacturer and distributor are FDA registered.

The manufacturer is an ISO 13485 certified company.

This system is classified in class IIb, TRLP 9500, rule 9 in the Medical Devices Directive (MDD). The system has been tested by TUV Rhine and successfully met the following standards:

CE

A. IEC 60601-1:2005+A1:2012 / EN 60601-1:2006+A11:2011+A1:2013+A12:2014
B IEC/EN 60601-1-11:2015
C. IEC/EN 80601-2-35:2009 (A1:2016)
D. IEC 60601-1-2:2014 / EN 60601-1-2:2015
IEC/EN 60601-1-11:2015, clause 12
IEC/EN 80601-2-35:2009 clause 202
E. ISO10993-5:2010, ISO 10993-10:2010

ETL CLASSIFIED
C ETL LISTED US
Intertek
5016160

CONFORMS TO ANSI/AAMI STD.
ES60601-1, IEC STD. 60601-1-6,
60601-1-11, 60601-2-35

CERTIFIED TO CSA STD. C22.2
No. 60601-1, No. 60601-1-6,
No. 60601-1-11, No. 60601-2-35

Class IIb equipment (Europe); class II equipment (USA)

Patient Contact: Control unit and the mattress are lead free, mercury free, and latex free.

Flame Resistance: Unit components meet UL 94V-0 and mattress cover passes California 117 regulations.

EMC STATEMENT:

This mattress equipment has been tested and complies with Electromagnetic Compatibility (EMC) limitations specified by IEC/EN 60601–1–2 for Type BF equipment. Compact and cellular radio frequency (RF) devices may disrupt mattress control unit.

EMC INFORMATION

Use of portable and mobile radio frequency device or equipment can affect medical electrical equipment.

CAUTION: Risk of Damage!

- Medical Electrical Equipment must be installed and used according to the EMC information in this manual.
- ObboMed mattress has been tested and found to comply with EMC limits specified by IEC/EN 60601–1–2 for Type BF equipment. These limits are determined to provide reasonable protection against electromagnetic interference in a healthcare environment.
- If radio frequency interference (RFI) causes erratic behavior, unplug the product immediately. Leave unplugged while transmission interference is in progress.
- Other devices may experience interference from even low levels of electromagnetic emissions permitted by the above standard. To determine whether the emissions from product are causing the interference, turn the product off. If the interference with other devices stops, then the product is causing the interference. In such rare cases, interference may be reduced or corrected by one of the following measures:
  - Reposition, relocate, or increase the separation between the devices.
  - Connect either line-powered device to a different electrical power circuit.

Contact ObboMed for any additional EMC information or EMC tables for the device environment.

CAUTION: Risk of Damage!

Radio frequency interference (RFI) can be detrimental to electronic devices. If RFI interference was found with this equipment, disconnect power from mattress. Reinsert plug once transmission is complete.

Do not use device with automated external defibrillator (AED) or high-frequency surgical equipment.

Follow instructions in the EMC statement within this guide when installing electric medical equipment. EMC standards should safeguard equipment from RFI. The following measures may minimize, if not correct, interference:

- Widen the space between devices.
- Change power outlets for both devices.
- If the two remedies above fail, contact ObboMed for other potential solutions and more details on EMC standards.

Changes or modifications not expressly approved by the safety party responsible for compliance could void the user's authority to operate the system.

Intended Use

- The ObboMed Medical Air Mattress Systems are intended to be used for the prevention and treatment of decubitus ulcers under the supervision of a physician.
- This mattress system helps treat and prevent bedsores and pressure ulcers while maximizing patient comfort. This system has multiple applications, including:
  - Home care
  - Clinical areas at long-term care facilities
  - Pain management, as prescribed by physicians

4 TECHNICAL SPECIFICATIONS

NOTE: Product specifications may change without prior notification.

ELECTRICAL SPECIFICATIONS

Input Voltage/Frequency AC: Auto Sensing Input
100~240VAC 50~60Hz 130VA

MAX. Power Consumption and Air flow

1. OB-16XX: 60VA, 30LPM
2. OB-26XX: 60VA, 30LPM
3. OB-36XX: 80VA, 50LPM
4. Massager: 15VA extra
5. Warmer: 30VA extra

Circuit Protection: Dual Fuse 125v, 4A, a fast-blow fuse
Fuse Size: 5x20 mm, Glass Cartridge
Breaking Capacity: (BRK.CAP.) @125 VAC is 10kA @250 VAC is 20A
Mode of Operation: Continuous

PERFORMANCE SPECIFICATIONS

Mattress Weight Capacity: Maximum: 450-800 lbs/200-360 kg
MAX. Air Flow: 30 – 50 +/-3 LPM
MAX. Air Pressure: 65+/-10 mmHg
Maximum Flow Timer: 8-30 minutes
Support Surface Inflation Time: Within 5 minutes

MAX. Temperature of Product Surface
OB-16XX/OB-26XX/OB-36XX: Room temperature, or Maximum 33˚C (91.4°F) if equipped with built-in warmer (Time needed to rise to the highest temperature is about 1 hour.) The average value of the contact surface temperature should not differ from the value of the temperature indicated by the temperature control setting by more than ±1°C but not exceeding 41°C.

Cycle Time (Rotation and Alternating):
Alternating Cycle Time: 10, 20, 30, 40 minutes (change in each half Cycle Time)
Rotation Cycle Time: 10, 20, 30, 40, 60, 90, 120 minutes (change in each half Cycle Time)

Pressure Range: 5-75 mmHg (depends on functions and patient's weight)

Rotation Angles:
OB-1600: 15° (only self-rotation by patented special cone-shaped air cell)

OB-1620/1650: 15°/25° (self-rotation and lateral rotation: Auto/Left/Right)

OB-1680/1690; OB-26XX/36XX: 15°/25°/40°
(self-rotation and lateral rotation: Auto/Left/Right)

OB-2680/2690/3680/3690: 15°/25°/40°/50°/60°
(50°/60° on demand rotation angles)

Patient Contact: Control unit and mattress are free of lead, mercury, and latex; halogen-free (bromide-free) top cover

Patient Comfort Pressures:
Soft Pressure: -10% (weight/pressure ratio)
Firm Pressure: +10% (weight/pressure ratio)

MECHANICAL SPECIFICATIONS

For more details, please request the Model Comparison Chart at sales@obbomed.com.

Control Unit:	Dimensions (L x W x H)	Weight
OB-16XX	14 x 6.25 x 9 in. / 35.5 x 16 x 23 cm	11.0 lbs. / 5.0 kg
OB-26XX	16.75 x 7.25 x 11.75 in. / 42.5 x 18.5 x 30 cm	15.5 lbs. / 7.0 kg
OB-36XX	16.75 x 7.25 x 11.75 in. / 42.5 x 18.5 x 30 cm	16.5 lbs. / 7.5 kg

Control Unit Power Cord: 14 ft. / 427 cm
SJT 3 x 16AWG Hospital Grade (US)
H05VVH 2-F 2 x 0.75 mm^2 (EU)

Output Power Cord for Warmer and Massager:
All model numbers if equipped with Warmer and Massager 8 PIN Control Cable: 59 in. / 150 cm

Two-Set Joint Hose Connectors:
3 - 8 hoses x 0.56 in.: 59 in. / 150 cm

Air Filter: Charcoal with fire retardant

Mattress Inflated Dimensions
For more details, please request the Model Comparison Chart at sales@obbomed.com.

Model No.	OB-1600	OB-1620	OB-16XX	OB-26XX	OB-36XX
Inflated	80 x 36 x 7 in. / 203 x 91 x 17 cm	80 x 36 x 7 in. / 203 x 91 x 17 cm	80 x 36 x (7-11) in. / 203 x 91 x (17-28) cm	80 x 36 x (10-14) in. / 203 x 91 x (25-35) cm	80 x36 x (10-14) in. / 203 x 91 x (23-35) cm
Package	18 x 16 x 8 in. / 46 x 41 x 22.5 cm	18 x 16 x 17 in. / 46 x 41 x 44.5 cm	18 x 16 x 17 in. / 46 x 41 x 44.5 cm	18 x 16.5 x 18 in. / 47.5 x 42 x 46.5 cm	18.5 x 16.5 x 18 in. / 47.5 x 42 x 46.5 cm
Weight	12.7 lbs. / 5.8 kg	19 lbs. / 8.7 kg	22 lbs. / 10 kg	26.5 lbs. / 12 kg	30 lbs. / 13.5 kg

Master Carton:	1 piece Control Unit + 1 piece Mattress body dimensions	Weight
OB-1600	18.5 x 16.5 x 17.25 in. / 47 x 42 x 44 cm	25.3 lbs. / 11.5 kg
OB-1620	18.5 x 16.5 x 26 in. / 47 x 42 x 66 cm	34.0 lbs. / 15.5 kg
OB-16XX	18.5 x 16.5 x 26 in. / 47 x 42 x 66 cm	37.5 lbs. / 17.0 kg
OB-26XX	19 x 17 x 27.5 in. / 48.5 x 43 x 70 cm	48.5 lbs. / 22.0 kg
OB-36XX	19 x 17 x 27.5 in. / 48.5 x 43 x 70 cm	53.0 lbs. / 24.0 kg

Package Contents/Unpacking information

☐ Control unit box	1 piece
☐ Mattress body	1 piece
☐ Power cord, 14' / 427 cm	1 piece
☐ Side spare filter foam	3 pieces
☐ Back spare filter foam	3 pieces
☐ Spare safety fuse, 125V/4A	2 pieces
☐ User Guide	1 piece

ENVIRONMENTAL SPECIFICATIONS

Operation Conditions

Ambient Temperature: 41°F to 98°F / 5°C to 37°C
Relative Humidity: 15%-90% noncondensing
Atmospheric Pressure: 70-106 kPa

Storage and Shipping Conditions

Ambient Temperature: -40°F to 158°F / -40°C to 70°C
Relative Humidity: 10%-100% noncondensing
Atmospheric Pressure: 50-106 kPa

Protection Against Harmful Ingress of Liquids

5 CONTRAINDICATIONS

WARNING:
To avoid injury or death from misuse of product: Always consult the patient's physician before using the mattress system.

DO NOT use this system in cases of:

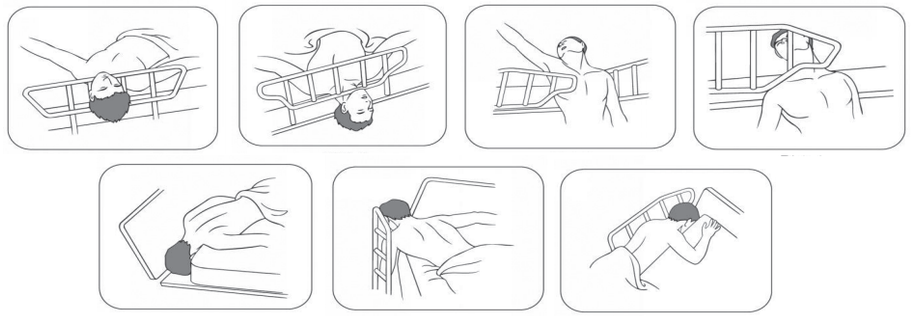
- Cervical or skeleton traction.
- Unstable spinal cord injuries.

Work with therapist, physician, and other medical staff to assess and monitor patient.

6 RISK OF BED RAIL ENTRAPMENT

NEVER use this mattress before reading this section. **If you cannot understand this warning,** please consult with professional caregivers or the product provider or dealers before use. Search for "Bed Rail Entrapment" on the FDA website (www.fda.gov) to learn about the risk of entrapment. Critical injury, if not death, can be caused by bed rail entrapment. Caregivers should evaluate a patient's risk of entrapment based on their medical condition, such as (but not limited to) problems sleeping, unconscious movement, prone to seizures, mental illness, dementia, and incontinence. Entrapment is also a serious risk for minors and others of small stature. The physician or other clinician should check on the patient frequently to reduce safety risks.

POSSIBLE RISKS:



The ObboMed mattress must be affixed securely and firmly against the bed deck frame. Raise bed side rails to prevent patient entrapment. Follow the bed manufacturer's product instructions. After any adjustments, repair, or service, and before use, make sure all attaching hardware is tightened securely.

WARNING:
Correct or remove tripping/slipping hazards, including kinked, pinched, or broken cords. Cords should be routed without slack. All moving parts (e.g., desk wheels, mainframe, deck, bed wheels, and drive shafts) must be free of obstruction. Common obstructions include bedding, tubing, and cords.

7 PATENTED FEATURES AND FUNCTIONS

The ObboMed Mattress System offers convenient capabilities that are patented in the United States, Europe, Japan, Russia, Taiwan, China, and India. The following features distinguish the ObboMed Mattress System from traditional medical air mattresses:

Guardrail inflatable system:

CONVENTIONAL APPROACH	OBBOMED SOLUTION
Metal Guardrails: Whether exposed or with a foam covering, metal guardrails pose an entrapment and suffocation risk in unconscious movement by the patient. In addition, the patient may move while sleeping and accidentally hit the metal guardrail with their upper or lower limbs or their head and get hurt.	**Air-Filled Inflatable Guardrails:** Air gives patients flexibility to bend to free the arms, legs, or body in case they get caught between the mattress and guardrails. The air cells within the sleeves offer soft but strong support as well as flexibility to recover their shape.

Bedpan system:

CONVENTIONAL APPROACH	OBBOMED SOLUTION
Bedpan: Up to three helpers assist the patient in moving to a commode chair for relief of body waste. Another option is to have one caregiver supportively hold up the patient while another caregiver removes the mattress cover and detaches a section of air cells to expose an opening to place a bedpan in the middle of the mattress. After the patient passes waste, one caregiver then must hold up the patient again, while another caregiver reattaches the air cells and mattress cover. Only then may the patient comfortably lie down again. In Japan, the patient wears an incontinence diaper connected to a vacuum machine operated by caregivers who may not be available for several hours after the waste has collected in the diaper. The sanitary management of the patients after using the vacuum is also difficult to handle.	**Bedpan Function Button:** One person and one push of a button can quickly create a recessed opening to receive a bedpan, avoiding a long preparation procedure and giving the patient and caregiver the ability to quickly restore the mattress to its original status and operation. Only one caregiver is needed to perform the Bedpan function on the control display. At the push of a button, the mattress system deflates within 20 seconds at the buttock area of the mattress cover sheet to create an opening where a bedpan can be inserted directly on the top cover. The caregiver's preparation time, the number of caregivers needed, and the time the patient must wait to use the bedpan are all cut dramatically. The process can be performed relatively quickly with easy cleaning for a vastly improved sanitary routine. 

Shampoo system:

CONVENTIONAL APPROACH	OBBOMED SOLUTION
Remove patient from bed: Caregivers must remove the patient from the bed to wash their hair. This requires time, effort, and extra equipment and can be difficult and uncomfortable or even painful for the patient.	**Shampoo Function Button:** One push of a button on machine creates a recessed opening within 20 seconds to receive a shampoo basin on top cover. Only one caregiver is needed to perform the Shampoo function. No need to remove the patient from bed to wash their hair. 

OTHER ADVANCEMENTS

Warmer

When the mattress is in Alternating mode, the patient's back may become cold from air circulating through the air cells underneath, even when a heated blanket or room heater warms the front of the body. With the Warmer function, soothing and relaxing heat is distributed along the patient's back directly above the alternating air cells. This reliable source of warmth helps to support the immune system and improve circulation.

Massager

ObboMed model features a microprocessor to support massage modes. Subtle to deep massages can ease pain, reduce tension, increase metabolism, improve blood flow, and reduce muscle fatigue.

Self-Lateral Rotation: 15°

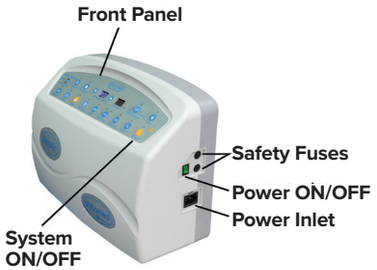
ObboMed Mattress Systems have specially designed air cells that automatically produce a 15° lateral rotation while in Alternating mode to enable regular movement necessary for circulation and increased comfort. The 15° Self-Lateral Rotation works simultaneously with other functions.

Rotation Angles: 15°/25°/40°

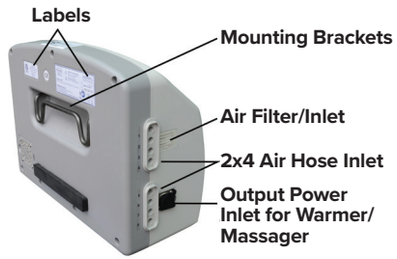
ObboMed models have inclined air cells beneath the mattress, which enable a 25° lateral rotation angle. By synchronizing and adding the 25° rotation to the 15° Self-Lateral Rotation, the system provides a 40° incline rotation in the same direction for expanded versatility to meet the unique demands of each individual.

8 CONTROL UNIT OVERVIEW

LABEL: Labels may change without notice. Find the specification label with product serial number on back of the control unit. All labels must be unaltered and clear to reduce injury, fatality, and damage risks.



FRONT



BACK

Clean or replace foam air filter.

DANGER: EXPLOSION HAZARD
Keep flammable anesthetics away from system. To prevent electric shocks, ensure devices are connected to a 3-prong inlet. DO NOT use in the presence of anesthetics that may burn or catch fire. Never take the control unit apart or remove its back panel. The air hose must be detached before starting CPR.

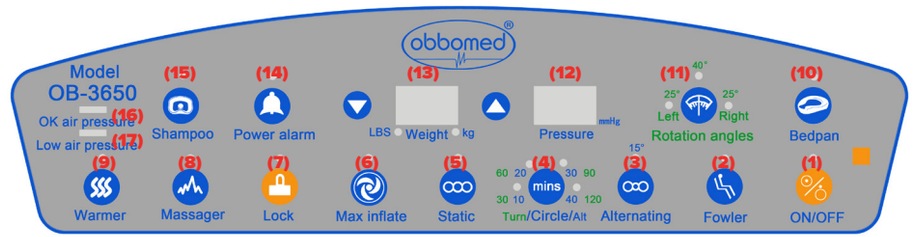
CAUTION: Clean filter foam at least once a month or when dirty, whichever comes first. Pull out filter foam, wash, air dry, reinsert, or replace (see page 41).

DANGER: Continued use of the product with damaged parts could lead to malfunctioning, causing injury to the user and/or caregiver. Contact ObboMed dealer for replacement.

WARNING: Minimize injuries due to misuse. Never connect the power cord to the power inlet or operating the system before the assembly is completed.

FUNCTION DISPLAY PANEL:

1. ON/OFF
2. Fowler/Seating
3. Alternating
4. Turn/Circle/Alt
5. Static
6. Max Inflate/Auto Firm
7. Lock
8. Massager
9. Warmer
10. Bedpan
11. Rotation Angles/ Lateral Rotation
12. Pressure
13. Weight
14. Power Alarm
15. Shampoo
16. Ok Air Pressure
17. Low Air Pressure



1. ON/OFF System

The ON/OFF button turns on the system. The ON/OFF button LED is orange when on. The system will automatically default to Max Inflate mode and display a green LED. Press the ON/OFF button again to turn off the system and the LED will dim.

The green ON/OFF power switch is located on the right side of control unit (see pages 37 and 38). The ON/OFF power switch activates (switches ON or OFF) once the control unit's power cord plugs into the wall power outlet. Once the green ON/OFF power switch is on, the system changes to stand-by status. If the power resumes after a power outage, the control unit will go through its system initialization routine for a few seconds and then continue the previous setting before the outage.

2. Fowler/Seating

When activated, the Fowler/Seating button LED flashes green. In this setting, 30% more air enters the mattress air cell to prevent the patient from bottoming out. The air cell of the side bolster/raised rail will automatically reduce air by half to facilitate the Fowler upright. The Fowler/Seating is ready once the button LED changes from flashing green to solid green. The Weight will display and show an "L" when the system pressure is ready to help patients sit up. The Fowler/Seating option is designed to increase support in the seat/torso section of the mattress. When the head of the bed is raised, it is intended to prevent any potential of patients from bottoming out.

Once the Fowler/Seating mode is activated, the Bedpan and Rotation Angles/ Lateral Rotation functions halt. Meanwhile, the Alternating, Warmer, Massager, and Guardrail functions will remain on.

Once the Fowler/Seating process is completed and the bed frame is raised, the system defaults to Alternating mode; press the Fowler/Seating again to exchange between either Static or Alternating mode; or press any other function button again to deactivate the Fowler/Seating mode (button LED shuts off) and reactivate the other functions. When deactivating the Fowler/Seating, the LED flashes quickly for a minute and the beeper sounds for 10 seconds to remind the caregiver to adjust the bed frame so that the patient is lying flat.

WARNING: Caregivers must roll down the bed frame before deactivating the Fowler/Seating mode.

3. Alternating

Press the Alternating button to start the alternating therapy operation. Odd and even number air cells inflate and deflate in sequence. The Cycle Time defaults at 10 minutes but can be changed by selecting a Cycle Time of 10, 20, 30, or 40 minutes. Mattress inflates each half of the selected Cycle Time. While alternating, cone-shaped air cells automatically and simultaneously create a 15° lateral rotation. The Weight display will show the weight set before the Alternating mode was activated. (See Weight, page 28.)

In Alternating mode, these functions will stop working: Max Inflate, Massager, and Static. Meanwhile, the following functions will continue: Bedpan, Rotation (see Rotation Angles/Lateral Rotation, pages 23, 26, and 27), Fowler/Seating, Warmer, and Guardrail.

Press the Alternating button again to deactivate the Alternating setting and restart the other functions. The green Alternating LED turns off.

4. Turn/Circle/Alt

A: Alternating Circle time:
The default cycle time is 10 minutes. The four Cycle Time options (displayed in green LED) are 10, 20, 30, and 40 minutes, which change and alternate at each half of the cycle time. Cycle Times can be changed once Alternating mode is activated.

B. Turn Circle time:
The default cycle time is 30 minutes. The four Cycle Time options (displayed in green LED) are: 30, 60, 90, and 120 minutes, which change and rotate at each half of the cycle time. Cycle Times can be changed once the Rotation Angles mode is activated.

5. Static

A flashing green LED indicates that the Static button has been activated. The system enters Static mode once the mattress attains the preset pressure corresponding to air pressure of the patient's weight or when the mattress has inflated for 3 minutes. In Static mode, the LED remains green and Cycle Time and Alternating modes halt. If activated, these functions will not be affected: Max Inflate, Bedpan, Guardrail, Massager, Warmer, Fowler/Seating, and Rotation Angles/ Lateral Rotation (see pages 22, 26, and 27). Press the Static button a second time to deactivate this mode and reactivate the other functions. After the Static mode is activated for one hour, the Alternating mode will be automatically activated.

6. Max Inflate/Auto Firm

The Max Inflate button rapidly inflates air cells to maximum firmness and is signaled by a flashing green LED with "——" shown on the Weight display. Quick inflation is essential for emergency bed transfers and treatments demanding this quick inflation. Once inflation is complete or has inflated 3 minutes, the green LED stops flashing. Expect to hear a series of beeps every 3 minutes as reminders that Max Inflate is still activated. Max Inflate will automatically deactivate after 8 to 30 minutes. When the Max Inflate LED shuts off, the system automatically returns to Alternating mode. Max Inflate can also be manually deactivated to allow other functions to reactivate.

Max Inflate automatically deactivates Cycle Time, Alternating, Fowler/Seating, Massager, and Rotation Angles/Lateral Rotation functions while Bedpan, Static, Warmer, and Guardrail continue to operate.

7. Lock

The system is on Lock when the LED is green and Unlock when the LED is flashing orange. Hold down the Lock button for 4 seconds to switch between Lock and Unlock. In Lock mode, all control unit display functions, including ON/OFF but excluding Power Alarm, are locked out. Press the Lock button a second time to reactivate all functions. The system automatically moves to Lock after 5 minutes in Unlock mode.

8. Massager

Massager mode requires seconds to adjust this mattress before massaging begins. The green LED flashes until the mattress reaches Even position and the Massager starts. The Massager automatically switches off after 15 minutes and resets to Alternating mode.

Massager vibration circulates automatically at upper and lower back position, to provide gentle but deep massages, which can ease pain, reduce tension, increase metabolism, and reduce muscle fatigue. This Massager is operated cyclically with 8 functional modes. Two sets of 3 vibrating motors need to be fixed firmly between air cells to avoid noise during massage process.

NOTE: Please consult a physician before using the Massager. When the Massager mode is activated, the following functions stop: Alternating, 40° Rotation, Bedpan. The following functions continue working: Guardrail, Warmer, Fowler/Seating, 25° Rotation, and Static. Press the Massager button again to deactivate the Massager mode (the button LED turns off) or reactivate the other functions.

9. Warmer

The soothing Warmer button raises and maintains mattress surface temperature to average 86˚F/30˚C (maximum 91.4˚F/33˚C). A green LED signals the Warmer setting and can be deactivated by pressing the button a second time. To prevent unsafe overheating, the system equipped with thermostat and automatically shuts off after 4 hours.

NOTE: The Warmer is intended to provide a soothing heat to keep the patient warm and comfortable. It is not intended for pain treatment or therapy.

CAUTION: The average value of the contact surface temperature should not differ from the value of the temperature indicated by the temperature control setting by more than ±1°C but not exceeding 41°C.

WARNING: Do NOT use simultaneously with other heating equipment.

WARNING: Do NOT leave patient unattended or unmonitored while equipment is in operation. The operator should monitor the patient's temperature at regular intervals.

---

10. Bedpan

Patented Easy Go Bedpan: The Bedpan button activates Bedpan mode with the buttock area deflating to create a recess position. When the Bedpan LED button changes from flashing to constant green and "———" appears on the weight display, it is time to prepare the patient and insert the bedpan. Push the Bedpan button again to reinflate and return the mattress to its original status.

When Bedpan mode is activated, the following functions cease: Fowler/Seating (caregiver must roll down bed frame), Massager, and 40° Rotation Angles/25° Lateral Rotation. These modes continue: Alternating, Max Inflate, Static, Guardrail, and Warmer.

By pressing any function button, Bedpan deactivates while other functions proceed. Upon deactivation, the Bedpan LED flashes for 40 seconds with a beep lasting 10 seconds to remind the caregiver to remove the bedpan.

NOTE: The Bedpan recess depth is 6 inches (15 centimeters). The maximum bedpan space is 17 x 5 in. (43 x 13 cm). Following use of a bedpan, clean mattress with a wet cloth and use a dry cloth to completely dry the mattress cover along the Bedpan space. Disinfecting liquid is recommended.

11. Rotation Angles/Lateral Rotation

WARNING: Before activating this mode, examine the air mattress for suffocation risks linked to a patient's inclined head/nose while rotating.

15° Rotation: These ObboMed mattress models come with patented, specially-shaped air cells. As such, the Alternating function will automatically and simultaneously create a 15° lateral rotation without activating the Rotation function.

25° Auto Rotation: Press the Rotation Angle button one time for Auto 25° Rotation. Both the 25° Left and 25° Right green LEDs will light up. The mattress will begin rotating at an Auto 25° Rotation Angle, both Rotation Left and Right LED and Static LED stay solid green without alternating. Choose from rotation Cycle Times of 30, 60, 90, or 120 minutes.

The Auto 25° Rotation Angle remains valid until you press the Rotation Angle button again. Upon activation of the 25° Rotation, the Alternating, Bedpan, Fowler/Seating functions will stop while the Massager, Warmer, and Guardrail functions remain valid.

25° Left Turn: Press the Rotation Angle button a second time: the system set 25° Left Turn, the 25° Left Turn green LED turns on. This Left Turn position will not change until you push Rotation Angle again.

25° Right Turn: Press the Rotation Angle button a third time: the system set 25° Right Turn, 25° Right Turn green LED turns on. This Right Turn position will not change until you push the Rotation Angle again.

40° Rotation: Press the Rotation Angle button a fourth time: the system set at Auto 40° Rotation Angle, 40° green LED turns on. The mattress will start Auto rotating with the 40° Rotation Angle. The 40° Auto Rotation Angle stays green and Alternating LED stays green. Choose from rotation Cycle Times of 30, 60, 90, or 120 minutes.

Upon activation of the 40° Rotation Angle, the Massager, Bedpan, and Fowler/Seating functions stop, while the Alternating, Warmer, and Guardrail functions remain accessible.

Rotation Cease: Press the button a fifth time to cease the rotation function of 25° or 40° Angles. The functional LEDs of Rotation Angles turn off and restore the function prior to activating the Rotation Angles for the first time.

Rotation Cycle Time: While under either 25° or 40° Auto Rotation Position, you can select a Rotation Cycle Time of 30, 60, 90, or 120 minutes.

12. Pressure

The Pressure function lists the mattress air pressure level in mmHg units (millimeters of mercury). The pressure level of the mattress adjusts with the body weight input by the patient or caregiver.

Comfort Pressure Adjustment: A caregiver can adjust mattress firmness with an Up/Down arrow that increases or decreases the pressure to deliver the utmost comfort for the patient.

13. Weight

Rated Weight Capacity: 450-800 lbs. (200-360 kg), depending on mattress model.

The patient's weight defaults to pounds but may be switched to kilograms. Press the down arrow button for 3 seconds to switch the measuring unit. Either pounds or kilograms will be displayed on the green LED button. From here, the number of pounds/kilograms may be adjusted up or down to reflect the patient's weight on the Weight display.

14. Power Alarm

Power Alarm button will activate or deactivate Alarm mode. In the event of a power outage or a disconnected power cord, the Power Alarm LED will flash yellow and beep for 30 seconds and the Weight LED flashes red with a "P00" code. Shut off the alarm beeper and flashing LEDs by pressing the Power Alarm button again. Check "Power" on the list of Troubleshooting options for power failures and power disconnections (see page 46).

The Control Unit has internal memory to retain the previous settings when power is restored. Periodically test the alarm by unplugging the power cord from the wall outlet while unit is on. Go to the Troubleshooting section of this User Guide if alarm fails to sound.

NOTE: All ObboMed models OB-26XX and OB-36XX have 24 hours of power outage protection as long as the air hose remains connected to the control box.

15. Shampoo

Patented Easy Go Shampoo Basin: Pushing the Shampoo button in the control panel creates a recessed opening on the top cover within 20 seconds to accommodate a shampoo basin. One more push of this button quickly restores the recessed mattress top cover. Only one caregiver is needed to perform the Shampoo function. This eliminates the need to move the patient from bed for hair washing.

16. OK Air Pressure

When the mattress air pressure surpasses 5 mmHg, the OK Air Pressure LED is green. The display continuously monitors air pressure.

Air Pressure	Status
< 5 mmHg	Too Low
> 75 mmHg	Too High

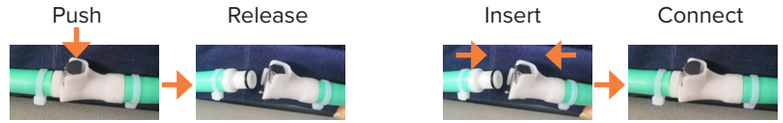
17. Low Air Pressure

When mattress air pressure falls below the recommended 5 mmHg, the Low Air Pressure LED flashes yellow with alarm beeper until the air pressure is corrected. There is no High Air Pressure signal, but the pump will automatically stop inflation at 75 mmHg (see Pressure, page 28). For Low Air Pressure, please refer to the Low Air Pressure section in the Troubleshooting list (page 46). If the mattress hose detaches, the Low Air Pressure LED will flash yellow. Once the hose is reconnected, the control unit will resume operation in the previously set mode.

Periodically test the Low Air Pressure signal by disconnecting the mattress hose. It may take up to 5 minutes for the system to lose enough air to activate Low Air Pressure. If Low Air Pressure fails to activate, refer to Troubleshooting list (page 46).

18. Inflatable Air-Filled Guardrail:

Push Quick Release Valve (as shown below left) to release air and deflate the Inflatable Guardrail in seconds. Insert Quick Release Valve (as shown below right) to restore air and inflate the Inflatable Guardrail in seconds.



TO DEFLATE GUARDRAIL **TO INFLATE GUARDRAIL**

19. 50°/60° Rotation: This extra and special rotation angle can be requested for models OB-2680/OB-2690/OB-3680/OB-3690.

WARNING: This high rotation angle need special attendants on site before operation. It requires special care for safety and comfort.

20. Prone

Prone is available for models OB-2690/OB-3690. Prone is intended to support prone position for those suffering difficult respiration/breathing and those with back injuries.

WARNING: Prone needs special attendants on site before operation.

MODEL GROUPS AND FUNCTIONAL SYMBOLS
Control Panel Functions

StandardAir:	OB-16XX		
PremiumAir:	OB-26XX (Low dB level to minimize noise for sensitive patients.)		
UltraAir:	OB-36XX		
Basic Functions:	Cycle Time Low Air Loss Power Alarm Weight Display Pressure Display Lock	Static Alternating Fowler/Seating On/Off (Standby) Max-Inflate (Auto Firm)	Low Air Pressure Indicator Power Outage Protection Air Flow Fan Side Bolster
Patented Features:	Inflatable Guardrail Easy-Go Bedpan Easy-Go Shampoo	Massager 15° Self-Lateral Rotation	Warmer Multiple Angle Rotation (15°/25°/40°)

Model Function	OB 1600	OB 1620	OB 1650	OB 1680	OB 2600 OB 3600	OB 2620 OB 3620	OB 2650 OB 3650	OB 2680 OB 3680	OB 2690 OB 3690
ON/OFF	●	●	●	●	●	●	●	●	●
Max Inflate/Auto Firm	●	●	●	●	●	●	●	●	●
Static	●	●	●	●	●	●	●	●	●
Weight/Pressure	●	●	●	●	●	●	●	●	●
Alternating	●	●	●	●	●	●	●	●	●
Low Air Loss	●	●	●	●	●	●	●	●	●
Low Air Pressure Warning	●	●	●	●	●	●	●	●	●
Alternating Cycle Time (10/20/30/40 min.)	●	●	●	●	●	●	●	●	●
Turn Circle Time (10/20/30/40/60/90/120 min.)	●	●	●	●	●	●	●	●	●
Fowler/Seating	●	●	●	●	●	●	●	●	●
Power Alarm	●	●	●	●	●	●	●	●	●
Power Outage Protection					●	●	●	●	●
Lock	●	●	●	●	●	●	●	●	●
Side Bolster	●	●	●	●	●	●	●	●	●
15° Self-Rotation	●	●	●	●	●	●	●	●	●
Inflatable Guardrail			●	●	●	●	●	●	●
Inflatable Bedpan		●	●	●	●	●	●	●	●
Inflatable Shampoo			●	●	●	●	●	●	●
25° Left Turn/25° Right Turn		●	●	●	●	●	●	●	●
25°/40° Auto Rotation				●	●	●	●	●	●
50°/60° Rotation								●	●
Warmer							●	●	●
Massager						●	●	●	●
Prone									●

All models share basic functions. Standard mattress length is 80 inches. Available mattress widths are 36 inches (standard size) and 42 inches (model suffix B)

9 MATTRESS OVERVIEW

The material for the mattress air cells is composed of a combination of thermoplastic polyurethane (TPU) and nylon. Polyurethane (PU) is used for the cover sheet with a quilted fabric underneath for extra comfort.

NOTE: PU leather may cause an allergic reaction for some patients. Caregivers should consult patient's physician before use, and periodically check points of contact between patient skin and mattress.

The cover sheet is antimicrobial, designed to minimize friction and shear, and is loose fitting and stretchable. It is also liquid resistant and vapor permeable to facilitate moisture removal into the airflow away from the mattress. Perspiration vacates through the top of the cover. Below the cover layer, vapor flows out with the **Low Air Loss Feature** to lower humidity under the patient while simultaneously transferring away moisture and heat. The cover sheet is fireproof as mandated by federal fire regulations 16 CFR 1632, 16 CFR 1633, and TB129; and is latex free, lead free, and mercury free. Air cells are airtight with high-frequency heat sealing and are liquid-proof and machine washable. The base layer is liquid-proof and washable. The bottom buffer is made of 1-inch-thick safety foam.

Additional side bolsters come with patented inflatable/deflatable guardrails to safeguard patients from rolling off the mattress.

Mattress Weight Capacity: Up to 800 lbs. (360 kg), depending on model.

CAUTION: Never violate the weight limit of the mattress system and bed. The Mattress Weight Capacity is the rated maximum pounds or kilograms the ObboMed Mattress System will safely bear. Review the bed manufacturer's manual for its maximum rated weight. Abide by the bed's advised weight capacity if it is less than the ObboMed rated capacity.

Mattress Inflated Dimensions:
For more details, please request the Model Comparison Chart at mattress@obbomed.com.

OB-26XX / 36XX	Mattress Inflated Dimensions
Inflated	80 x 36 x (10-14) in. / 203 x 91 x (25-35) cm (Two-layer air cells, includes 4-inch patented Inflatable Air-Filled Guardrails.)
Package	18.5 x 16.5 x 18 in. / 47.5 x 42 x 46.5 cm
Weight	28 lbs. / 12.8 kg

10 MATTRESS SYSTEM SETUP

NOTE:

Install this product according to the instructions in this User Guide. Please read it carefully before installation and use.

Unpacking and Inspection

To avoid damaging components inside, do not use blades to open.

Remove items from carton carefully to avoid crushing system parts.

Before signing for shipment, examine delivery for damage and/or missing boxes.

If you discover any missing or damaged boxes, notify your ObboMed dealer immediately.

Package Contents:

☐ Control unit	1 piece
☐ Mattress body	1 piece
☐ Power cord, 14 ft. /427 cm	1 piece
☐ Side spare filter foam	3 pieces
☐ Back spare filter foam	3 pieces
☐ Spare safety fuse, 125V/4A	2 pieces
☐ User Guide	1 piece

NOTE:
Before accepting and signing shipping documentation, examine the carton and component boxes for damage incurred during transport. The number of boxes on the packing list should agree with the actual number received. Notify the shipper of any damaged or missing boxes to expedite replacement.

NOTE:
If missing or damaged boxes are discovered during unpacking, please notify your ObboMed dealer immediately for replacement. DO NOT use products until all concerns are resolved.

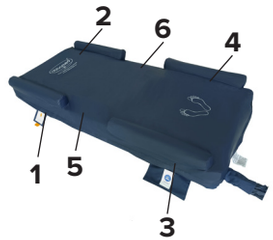
DANGER: DO NOT use damaged or malfunctioned product.

- Use of damaged parts can cause injury to the patient and/or caregiver. Test all components before operating.

WARNING: To avoid damage or personal injury from misuse:

- DO NOT connect the power cord to an electrical outlet before the product is fully assembled.
- DO NOT turn on or operate the system or components until the product is fully assembled.

Mattress Installation



CAUTION: To avoid damage to the mattress:

- DO NOT strap the mattress to the bed frame at the head and foot ends.
- Fasten all mattress straps before use. Bind the straps of head and foot to both ends of the **bed deck** to allow lifting up and down. Bind the central strap firmly to the center of the frame to prevent the mattress from falling off the bed frame.
- For use at home in a regular bed without adjustable head and foot ends, the mattress needs to be firmly fixed on the bed to eliminate risks of falling off or bottoming out.

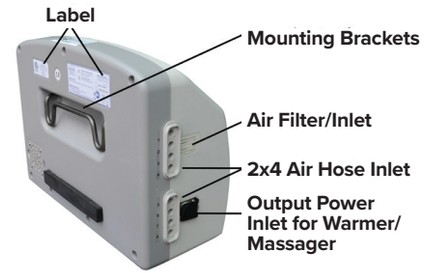
Always check product before use, and make sure there are no scratches on the surface.

1. Remove the original foam mattress from the bed frame.
2. If necessary, lower side rails to accommodate installation of the mattress.
3. Unroll the mattress and place it directly on the bed frame. Ensure that the hose end of the mattress is toward the foot end of the bed frame.
4. Use the buckle straps to secure the ObboMed mattress to the bed deck in the following sections:
   - **Head end:** Head End Bed Deck: 1, 2
   - **Foot end:** Foot End Bed Deck: 3, 4
   - **Center:** Center of the Bed Frame: 5, 6
   - **Head:** Head bed deck: 1, 2 (Rotation models with strap under inclined air pouch)
   - **Foot:** Foot bed deck: 3, 4 (Rotation models with strap under inclined air pouch)

NOTE:
There are 6 straps with buckles: 2 straps at the head of the mattress, 2 at the foot, and 2 on each side in the middle. Loop each strap around the bed deck and secure using the buckle clip.

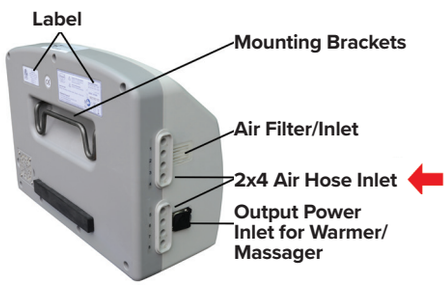
NOTE:
Confirm ability to elevate the head, knee, and foot sections of the bed. The straps should be affixed to the deck, not to the frame. Once all straps are secured, stash excess straps under the mattress.

Control Unit Installation



1. Lift out the bed-mounting brackets behind the control unit. Place the hangers to the footboard of the bed to a convenient vertical position for the control unit. **DO NOT** place control unit on mattress. For a bed without a footboard, stand the control unit near the foot of the bed frame on a table or other flat surface that does not interfere with the air filter. Allow space for the hose to route.
2. Locate the display panel at the front side and control unit hose connectors on the left side of the control unit.

Hose Joint Connection



Connect 2 sets of joint hose connectors from the air mattress to the Air Hose Inlet of the control box.

Match the numbers, tube 1 to hose 1, tube 2 to hose 2, etc.

NOTE: Ensure that air hoses are not kinked or tucked under the mattress.

NOTE: Make sure the CPR valve and deflating units are properly connected and locked in place before inflating the mattress.

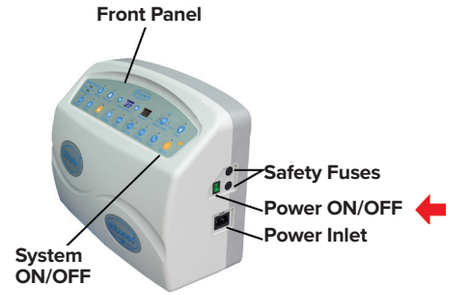
NOTE: Your precheck process should include routine inspection for obstructions to the air inlet vent.

3. Confirm that the floor isn't blocking airflow from the control unit.
4. Locate the hose connectors at the foot end of the mattress. Make sure the hose from the control unit to the mattress is safely routed. Eliminate a falling and tripping hazard by removing any kinks, pinches, or loose lengths of hose. Replace a damaged hose before using again.
5. Insert and push hose connectors into the receiving inlet of the control unit. An audible click signifies a tight connection between the hose and control unit.
6. Uncoil and examine the power cord. In the absence of damage to the power cord or plug, proceed with inserting the plug into a grounded wall outlet, then connect the other end of the power cord to the power inlet on the right portion of the control unit.
7. Placement of a pillow or blanket on the mattress may increase the risk of suffocation. Electric heating products should not exceed 104°F (40°C) as this may increase the product aging rate.

DANGER: The cables and hoses required in the operation of this product, particularly those of excessive length, present a potential strangulation hazard for young children. Keep out of reach of children.

Power ON/OFF Switch

8. Once the unit power inlet is plugged in, locate a green ON/OFF power switch on the right side of the control unit. Once the green ON/OFF power switch is on, the system is in Standby mode.



NOTE: To avoid injury and damage to the system, make sure the control unit power cord is correctly routed and that no objects rest on the control unit. Make sure the control unit's power inlet connection can easily disconnect from the power cord.

NOTE: Entanglement can cause serious injury. Therefore, bed parts, wheels, mattress decks, drive shafts, and mattress devices with moving parts should be kept free from obstruction by bedding, tubing, cords, and other objects.

NOTE:

- Keep air hoses and power cords properly routed and away from bed casters and other moving parts.
- Make sure the mattress system is fully inflated before supporting a patient.
- Any motorized parts of the bed frame should be kept free from external devices and pushing from outside forces. The maximum rated weight allowed on the bed frame must be greater than the rated weight of the mattress.
- To prevent the patient from becoming trapped or crushed, there should be no gaps between the mattress, frame, and side rails (see pages 18-19).

NOTE: The ObboMed Mattress System was designed specifically for medical bed frames with side or support rails. When the patient is lying down, the four rails should be raised and locked in place. If the mattress is paired with a conventional bed without side rails, the mattress must fit precisely, fully restrained from movement and without gaps. Only a caregiver or clinician can safely judge whether assist rails are necessary based on the patient's condition.

DANGER: The cables and hoses required in the operation of this product, particularly those of excessive length, present a potential strangulation hazard for young children. Keep out of reach of children.

11 OPERATION

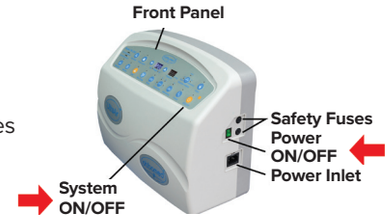
This product is designed to provide maximum medical benefits, as well as comfort to patients. Please use the system properly to ensure it performs as designed.

DANGER: This mattress system was designed to work exclusively with an ObboMed control unit unless the alternative control unit has compatible specifications and is tested and approved by ObboMed or an authorized dealer. A pump with a different maximum pressure may damage mattress air cells and will pose a risk of injury and property damage.

DANGER: Never change or modify any components. If parts need replacement or repair, always contact ObboMed service or an authorized ObboMed dealer.

ON/OFF: System and Power

Activate the mattress system by pressing the **System ON/OFF** button on the control display panel. Once the system is activated, an orange LED indicates that the system is operating.



Placing Patient

1. The activated system will default to **Max Inflate** mode to rapidly inflate the mattress. When initially installing the system, anticipate a period of 8 to 30 minutes for all air cells, including those in the guardrails and side bolster, to inflate.

CAUTION: Before inflating the mattress, confirm that the CPR valve, deflating units—such as the bedpan, and head and foot guardrails—are firmly connected.

2. Before the patent lies down, move aside trays, IVs, and other potential falling objects.
3. Inflate the mattress. At the appropriate pressure, a hand can barely squeeze between the air mattress and bedframe.
4. Center the loose-fitting mattress top cover over the inflated mattress to allow an equal margin/buffer on all four sides.

NOTE: This mattress top cover is loose fitting, as opposed to a traditional tight fitted sheet. When Alternating mode is activated, the patented cone-shaped air cells will simultaneously and automatically create lateral rotation. The lower side of the mattress cover will sink lower than the side bolster while the mattress tilts from side to side, and the inflated side bolster can protect the patient from falling off the mattress. An equal distribution of the loose-fitting mattress top cover will allow the mattress to properly operate when the mattress is in Alternating mode.

When Bedpan mode is activated, the center of the mattress will create a recessed position to allow a caregiver to insert a bedpan. Having a loose-fitting mattress cover with equal side margins will also allow for the Bedpan mode to operate properly.

5. Once the mattress is inflated to the preferred firmness, and the loose mattress top cover has been fitted onto the mattress, position the patient on the center of the mattress. The Static function provides a firm platform for positioning and preparing the patient for transfer.
6. Set the patient's weight on the display panel.
7. The patient's feet must be on the foot end of the mattress (where the hose joins the control unit).
8. Position the patient at the center of the mattress unless the patient's condition demands a special positioning.
9. After approximately 5 minutes, mattress air pressure will stabilize and the pressure can be adjusted for greater comfort.
10. If after 5 minutes, the patient reports discomfort, adjust the Up/Down arrow button to reflect the patient's preference for softer or firmer air pressure.
11. Provide the patient with a conventional pillow for head support and stability.
12. Do not allow the patient's body to bottom out on the mattress by checking the following:
    - The patient should continue to be lying flat, facing up at the middle of the mattress.
    - Use fingers to ensure the space between the patient at his/her buttock and the mattress measures safely from 25 mm to 40 mm (1" to 1.5").
    - If necessary, readjust air pressure to the level of firmness the patient finds comfortable, then wait 5 minutes for mattress pressure to settle.
    - Check again that the patient has not sunk to the bottom once the air pressure stabilizes.

NOTE: The 4 side guardrails default to Inflate mode. The guardrails can be inflated and deflated. Push Quick Release Valve to release air and deflate the Inflatable Guardrail in seconds. Insert Quick Release Valve to restore air and inflate the Inflatable Guardrail in seconds. See page 29 for detailed instructions.

Patient Transfer

To perform a patient transfer to the bed:

1. Push the Guardrail button to deflate the guardrail.
2. Use the Max Inflate button to maximize mattress pressure in Static mode.
3. Follow the bed's instructions to lower or raise the bed to the height of the wheelchair or gurney.
4. Set the wheel locks of the bed frame to fully restrict rolling.
5. Set wheel locks of gurney or wheelchair (refer to respective operating manuals).
6. Transfer or reposition the patient once the mattress attains full firmness.

Additional Operation Instructions

Please refer to the **Control display panel** for all the function buttons (see pages 23-33).

Dynamic True Low Air Loss Feature

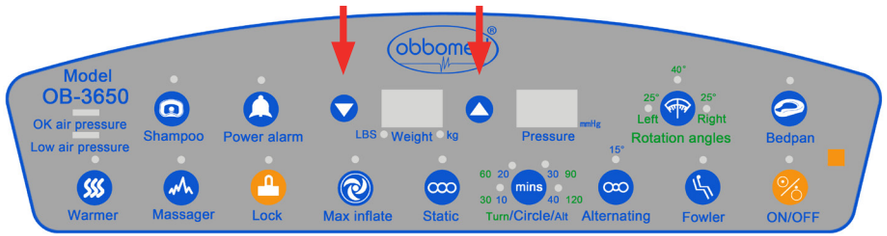
For bed-related pressure ulcers (i.e., bedsores) or their prevention, wound care specialists emphasize the importance of suppressing friction and shear of the skin. The latest research also claims that alternating the air pressure, in combination with Low Air Loss therapy, can help the patient avoid or treat bedsores. That finding inspired the **Dynamic True Low Air Loss Feature** designed in all ObboMed alternating pressure mattress products. A blower pump alternates pressure in the mattress while a precalculated volume of air escapes from strategically located micro openings. For StandardAir™ and PremiumAir™ models, the Low Air Loss is up to 15 LPM, for UltraAir™ models, the Low Air Loss allows at least 23+ LPM to escape from the mattress cover surface and/or the patient's bed boundary. This process helps to remove moisture and heat from the patient's skin, and/or from the areas of the patient's body that come into contact with the mattress. The desired outcome is cool, dry skin.

Fowler/Seating and Side Bolster/Raised Side Rail

ObboMed Mattress Systems feature 10-inch (25-cm) side bolsters with 4-inch inflatable guardrails affixed above to keep the patient from falling off the mattress. The Fowler/Seating option is designed to increase support in the seat/torso section of the mattress. When the head of the bed is raised, it is intended to prevent patients from bottoming out.

Comfort Pressure Adjustment

The up/down arrows on the control panel simplify adjustment to air pressure of the mattress for patient comfort. The Weight/Pressure Down button releases air for a softer mattress while the Up button makes it firmer.



CPR Operation

CPR Location

Pull open to deflate.

Push closed to inflate.

Air Hose Connectors

DANGER: Before performing cardiopulmonary resuscitation (CPR) on a patient, be sure the patient is face-up, disconnect the Air Hose Connectors from the control panel, and open the CPR Valves (on yellow tab marked "CPR") to fully deflate the mattress to decrease injury and fatality risks. The CPR valves are located at the right, anterior (head) side of the mattress. If the mattress won't deflate or the bed frame surface is soft, move the patient onto the floor or other hard, flat surface to strengthen chest compressions.

NOTE: Before reinflating the mattress, close the CPR valve and reconnect the air hose connectors.

12 MAINTENANCE

Preventative maintenance is essential for a patient's safety and comfort. Caregivers can refer to the Observational Checklist below. If you see any issues that could affect the product's performance or the patient's safety, contact an ObboMed qualified technician.

ObboMed Observational Checklist

- ☐ Check the main power cord and plug for any damage or deterioration.
- ☐ Check the mattress cover for wear, defects, or damage. The mattress body and cover should also be in good condition. All air hoses and connector are fixed firmly and correctly.
- ☐ Check airflow from control unit pump to full-length air hose. Airflow following an Alternating function will change odd and even positions every half-cycle.
- ☐ Check around the air hose for kinks and pinches. See an authorized ObboMed dealer to replace a leaking hose.

Filter Foam Cleaning

CAUTION:

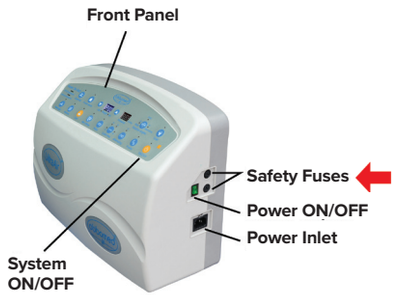
- Clean the control unit air filter foam at least every 3 months; sooner if dirty.
- Start a cleaning by removing filter cover and separating internal filter foam from the control unit.
- Use soap and water to wash the filter foam.
- Replace or dry the filter foam, re-insert, and re-fasten the filter cover to the control unit.

Cleaning/replacing the filter foam.

Control Unit Safety Fuse Replacement

Before checking for a possibly blown fuse, always unplug the power cord from the outlet.

Choose a new fuse with the required rating described in Technical Specifications (see page 15). Remove the cover of the fuse holder with a small flathead screwdriver. Replace the old fuse and close the cover.



Changing a fuse.

Cleaning

Take all the time necessary to carefully clean the system to lower the chance of infection to the patient, caregiver, and clinicians. Follow these precautions:

CAUTION: Confirm that all power sources are unplugged. Always unplug the power sources before cleaning.

CAUTION: Avoid using hypocarbonate or phenolic-based products for cleaning.

CAUTION: Do not let the control unit fall into water.

A. Control Unit

- Wear eye goggles and protective gloves. Examine for exterior damage. Unplug and place the control unit on a clear, dust-free cleaning area.
- Do not spray cleaning fluids on the control unit. Use a cloth.
- Dampen a cloth in disinfectant, then gently wipe over the control unit.
- Clean creases and crevices and hose connectors to protect against germs.
- To prevent interior electrical damage, don't leave cleaning solution droplets on the control unit.
- After cleaning with the disinfectant, use a dry cloth to remove moisture from control unit and dust from the power cord, power inlet, and plug.
- Keep control unit out of direct sunlight for at least an hour after cleaning.
- Let the control unit dry in an arid, ventilated room.
- Test the control unit to ensure it's in working order.
- If the control unit isn't needed immediately, store it in a plastic bag in a convenient place.

B. Mattress

WARNING: Whether inflated or deflated, keep mattress away from blades, needles, scissors, or other sharp objects.

WARNING: Minimize infection risks.

- Never clean the mattress in the presence of the patient.
- After examining the mattress, clean or remove any parts stained with blood or other body fluids.
- Assume an unclean cover sheet carries germs and pathogens and handle with caution.

NOTE: Refer to the medical unit's cleaning protocol when wiping the mattress. The recommended cleaning fluids will have instructions for their use.

1. The patient should be removed before cleaning. The air level may need to be adjusted to remove the patient.
2. Unzip and remove the mattress cover and unplug control unit power.
3. There should be no sharp objects nearby or under the mattress.
4. The mattress and components should not be contaminated with soil, body fluids, or blood.
5. A mattress cover with exposed blood or other contaminants should be properly and thoroughly cleaned:
   a. Use paper towels to clean away soil or blood.
   b. Use a cloth dampened in mild detergent before applying disinfectant fluids.
   c. Follow up by cleansing the contaminated area with a liquid disinfectant.
   d. Dampen a cloth with mild detergent; then wipe all over the mattress cover.
   e. A soiled cover should be removed, decontaminated, and cleaned.
6. Soak the mattress cover in disinfectant for 10 minutes.
7. Dampen the cover in disinfectant liquid and then place the cover in the washing machine. Wash with warm water (below 120°F/49°C) and add detergent according to manufacturer's instructions. Place cover in the dryer on low heat (below 120°F/49°C).

⚠ **CAUTION:** To protect the cover from damage when cleaning:

- Follow the hospital protocol for washing hands before handling the mattress and cover.
- Make sure the cover agitates loosely in the washer; do not crowd machine.
- Never add bleach or rough granules in the washer when cleaning the cover.

⚠ **CAUTION:** To avoid damage to product:

- Read the ingredients of detergent or other soap and find an alternative solution if the list contains phenols, alcohols, bleaches, or other abrasive materials.
- Do not expose the mattress cover to open heat.

---

8. Air-dry mattress cover until it is fully dried. Never expose the mattress cover to direct sunlight.

⚠ **CAUTION: If the cover is air-dried, avoid direct sunlight and do not use until all moisture is gone.**

---

9. Before using a spray disinfectant, unfasten air cells from one side in order to spray all areas. Let the air cells dry for 10 or more minutes. Next, wipe all areas—back and front—with a dry cloth.

10. Both sides of the base cover can be cleaned with a detergent disinfectant. Once finished, air dry for at least 10 minutes. Wipe once more.
11. Snap the air cells securely into place and reconnect the air hose. Check once more for moisture. Next, test the alarm for power failure and low air pressure.

Storage

1. Disconnect the control unit and check to ensure all air inlets are protected with cover.
2. Detach the air hose connector from the control unit and deflate thoroughly.
3. Follow cleaning instructions for the mattress system, as detailed above.
4. Slowly roll up the mattress and coil air hose tubes between the mattress starting with the head end toward the foot end. Stow away after the cover surface is completely inside the mattress roll, and make sure the mattress remains rolled up when it is stored.
5. Stretch the straps from the foot end and around the rolled-up mattress to prevent uncoiling. Fit into a storage bag with an ID tag in view.
6. Stow the ObboMed Medical Air Mattress in a dry, dust-free area. Make sure the wrapped or bagged control unit accompanies the mattress.
7. Failure to follow storage instructions can result in damage to, or reduced functionality and/or impaired quality of, mattress.

Disposal

When the system has reached the end of its product life, please follow procedures in the Waste Electrical and Electronic Equipment (WEEE) and local government ordinance and recycling guidelines for disposal of the ObboMed system or components. It is essential to bring the mattress system or components to an appropriate collection facility. Any accessories not belonging to the original system must abide by any special requirements. For additional information, please contact one of the following:

- Your municipality's sanitation division.
- Your preferred waste disposal service.
- Or the retailer that sold you the mattress system.

This product meets standards explained in the WEEE 2012/19/EC directive. It may harbor traces of substances that might or have already been determined to harm the environment if left in such places as landfills and areas local regulators have been found to be detrimental to a child's or an adult's health. Discard the packaging in accordance with local regulations after the system is assembled and running. At the end of the equipment's life, please dispose of the equipment in a similar spirit of environmental preservation.

13 TROUBLESHOOTING

Problem	Cause/Solution
Control unit unresponsive.	• If control unit locks up: Unlock it. • If control unit is off: Check power source and turn on unit. Or unplug power cord from control unit, wait 2 minutes, and reconnect power cord to reset control unit.
Power failure. **Alarm triggered indicated by beeper sounds and "P00" code on Weight display.**	• If power cord is disconnected, make sure it is properly connected to power sources/inlets. • If zero power, make sure power source is ON. Or wait for power. • If blown fuse, replace new rated fuse.
Improper inflation. **Low air pressure.** **Pump malfunction indicated by "E01" code on Weight display.**	• If pressure or weight too low, check whether Weight setting needs to be raised. Following an adjustment, wait a few minutes for the system to reset. • If CPR or deflating unit isn't closed, like Quick Release Valve in page 29 for manual bedpan, shampoo, or inflatable guardrail, etc., make sure they are locked firmly • If air tubes/hose is disconnected, reattach without kinks, twists, or pinching. • If the air cells leak, replace them. • Air filter foam needs to be cleaned if low air pressure and higher noise. • Ship back for repair: o If there is no air cell damage, leakage, disconnection, or loose connection. o If control unit doesn't work excluding functioning power and fuse issue. o If alternating has stopped. o If air is gone and pump malfunctions.
Air mattress isn't secured.	If any mattress snap buttons or fixing straps are loose or detached, refasten them to the bed deck and frame.
Airflow ceases from some air outlets of the air tube connector.	If half of air outlets stop blowing air and system enters Alternating mode, note that this status is normal in Alternating mode as air outlets alternate in delivering airflow based on the preset Cycle Time.
Alternating stops.	• If the waiting time in Alternating mode is discernibly short, wait for the next half of the chosen Cycle Time to complete an alternating cycle. • If the air cell/air tubes are improperly attached, make sure internal air tubes are firmly joined.
Air flow slows.	If the pump filter is obstructed by accumulating dust/dirt or the airflow inexplicably declines, clear or change the filter within the control unit.

Should the problem persist despite the recommended solutions, please contact ObboMed technical support or an authorized ObboMed retailer.

14 LIMITED WARRANTY

RETURN GOODS POLICY

1. Return Request Period

- Return requests must be made within 30 days of receiving your order.
- Any return requested more than 30 days after delivery will be denied.

2. Return Conditions

- You must have all original packaging and materials that the item was shipped in and with to be authorized for return.
- All items must be returned in new, unused condition, in original packaging with all documents and accessories intact.
- Items will be inspected upon receipt. Any missing or damaged items will have the cost of replacement deducted from your refund.

3. Specific Conditions & Exclusions

- **Damaged Items:** If you receive your item damaged, you must contact us **within 72 hours** of delivery to report the damages to be considered for damage upon delivery.
- **If the package is refused at delivery:** The customer will still be responsible for the **15%** restocking fee plus shipping fees as with any regular return.
- **Ineligible Returns:**
  - Installed items, bedding, slings, and wearable products are ineligible for return for hygienic reasons.
  - Items under $25 are non-returnable due to the high cost of accepting returns on low-cost items.
- **Custom-Built Items:** Custom-built items made to non-standard specifications are ineligible for return and may incur a 25% cancellation fee if the cancellation is available at the time of request.
- **Return Window:** All returns must be received by the appropriate manufacturer within 30 days of the return authorization. If the return authorization has expired, the return will be rejected.
- **Order Cancellations:** Orders already in fulfillment status are subject to a cancellation fee of **10%**. If order has been shipped out, refer to "If the package is refused at delivery" section above.

4. Rejection of Returns:

- In the event that the returned item has obvious signs of use or damage, we reserve the right to reject your return.
- If the return is rejected as mentioned above, you will be responsible for the cost to ship the item back to you. If return shipping is not paid within 7 days, the item will be disposed of.

Customer must obtain and submit a Return Authorization Form to receive a **Return Material Authorization (RMA)** number prior to returning product. Return forms can be downloaded from the website (www.obbomed.com) and emailed to service@obbomed.com. (Attn: Customer Service).

Do not ship the merchandise until you have obtained an RMA number and the correct factory "Ship To" address. Products must also be shipped prepaid. Product shipments will be refused and returned at your expense if they are unauthorized, returned without an RMA number clearly marked on the outside of the shipping box, shipped collect, or shipped to the wrong location. When you contact ObboMed Customer Service to obtain service, please have your instruction manual ready for reference and be prepared to supply the following information:

- The serial number of your product
- Information about the installation and use of the unit
- Information about the failure and/or reason for the return
- A copy of the seller's original invoice (required as dated proof of purchase)

Authorized Returnable Products

Product damaged in transit: a.) ObboMed must be notified in writing within 3 days of shipment for damaged goods. b.) Damage to the goods must be noted and described with acceptance of shipment and emailed to ObboMed (service@obbomed.com) within 3 business days of receipt.

Non-Returnable Products

Open, resealed, or partially used products.

Return Procedure for Approved RMA's

1. Package the unit safely, preferably using the original box and packing materials. Please ensure that your product is shipped fully insured in the original packaging or equivalent. This warranty will not apply where the product is damaged due to improper packaging
2. Include the following:
   - The RMA number supplied by ObboMed should be clearly marked on the outside of the box.
   - A return address where the unit can be shipped. Post office boxes are not acceptable.
   - A contact telephone number where you can be reached during business hours.
   - A brief description of the problem and/or reason for the return.
3. Ship the unit prepaid to the address provided by your ObboMed customer service representative.
4. The customer must notify ObboMed of a return within 3 business days. The customer will be responsible for return shipping costs and a 25% restocking fee.

5. **Refund Process:**

- Refunds on authorized returned items may take up to 30 days once the item has been received back to the manufacturer to allow for inspection and credit memo issuance.
- Refunds will be issued less any fees incurred in fulfilling your order, including but not limited to:

  Original Actual Shipping Costs: Even if shipping was free on orders over $50, this cost will be deducted from your refund if you decide to return the product.

  Return Shipping Costs: Return shipping is at your expense and arrangement. You must provide tracking numbers for the returned items.

  In some cases, we can arrange return shipping for you, but the cost will be deducted from your final refund.

  Restock Fees: Restock fees ranging from **25%** of the item's value will be deducted.

  The minimum restock fee on lower-value orders will be $15.

LIMITED WARRANTY

2 YEARS FOR MATTRESS AND CONTROL UNIT, 1 YEAR FOR MATTRESS COVER.

Product Life:

All ObboMed Alternate Pressure Mattress products and equipment sold by ObboMed or one of its authorized dealer/distributors is patient-ready and is warranted to be free from defects in both materials and workmanship for a period of two (2) years on the pump and one (1) year on the mattress cover, starting from the original date of purchase from ObboMed or its authorized dealer/distributor. This warranty covers the control unit, internal pump and electronics, mattress, and cover. Save the seller's original invoice as it's required for Warranty coverage. The customer is responsible for return shipping costs and is required to contact ObboMed prior to shipping the item(s) back. (See Return Goods Policy above.)

This warranty is void if:
(a) the equipment has been damaged by negligence, accident, or mishandling, or has not been operated in accordance with the procedures described in the User Guide; or

(b) the equipment has been altered or repaired by any company or entity other than ObboMed or adaptations or accessories have been made or attached to the equipment which, in the sole determination of ObboMed, shall have affected the performance, safety, or reliability of the equipment. NO OTHER WARRANTY EXPRESSED OR IMPLIED, INCLUDING MERCHANTABILITY, applies to the equipment, nor is any person or company authorized to assume any other warranty. This warranty is extended to only the original purchaser who purchases this product when new and unused form. This warranty is not transferrable. This warranty coverage will end upon any subsequent sales of transfer to any other person or entity. ObboMed does not assume any responsibility for any consequential or incidental damages occasioned by the equipment, or inconvenience or interruption in operation. If within warranty period any returned request shall be proven to be defective, such returned product shall be repaired or replaced at ObboMed's sole decision. ObboMed's sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement.

Exclusions

This Limited Warranty does not cover normal wear and tear of the product or costs related to the installation, or troubleshooting of the customer's electrical systems. This warranty does not apply to and ObboMed will not be responsible for any defect or damage to:

- The product if it has been misused, neglected, improperly installed, physically damaged or altered, either internally or externally, or damaged from improper use or use in an unsuitable environment or the use of unauthorized accessories; improper maintenance or storage. Such evaluation shall be solely determined by ObboMed.
- The product if repairs have been done to it other than by ObboMed or its authorized service centers.
- The product if it is used as a component part of a product expressly warranted by another manufacturer.
- The product if its original identification (tamper tag, trademark, serial number) markings have been defaced, altered, or removed.

WARNING: LIMITATIONS ON USE

Please refer to your User Guide for limitations on uses of the product.

DISCLAIMER

THIS LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY PROVIDED BY OBBOMED IN CONNECTION WITH YOUR OBBOMED PRODUCT AND IS, WHERE PERMITTED BY LAW, IN LIEU OF ALL OTHER WARRANTIES, CONDITIONS, GUARANTEES, REPRESENTATIONS, OBLIGATIONS AND LIABILITIES, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE IN CONNECTION WITH THE PRODUCT, (WHETHER BY CONTRACT, TORT, NEGLIGENCE, PRINCIPLES OF MANUFACTURER'S LIABILITY, OPERATION OF LAW, CONDUCT, STATEMENT OR OTHERWISE), INCLUDING WITHOUT RESTRICTION ANY IMPLIED WARRANTY OR CONDITION OF QUALITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE TO THE EXTENT REQUIRED UNDER APPLICABLE LAW TO APPLY TO THE PRODUCT SHALL BE LIMITED IN DURATION TO THE PERIOD STIPULATED UNDER THIS LIMITED WARRANTY. IN NO EVENT WILL OBBOMED BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSSES, COSTS OR EXPENSES. WHETHER IN CONTRACT OR TORT INCLUDING WITHOUT RESTRICTION ANY ECONOMIC LOSSES OF ANY KIND, ANY LOSS OR DAMAGE TO PROPERTY, ANY PERSONAL INJURY, ANY DAMAGE OR INJURY ARISING FROM OR AS A RESULT OF MISUSE OR ABUSE, OR THE INCORRECT INSTALLATION, INTEGRATION OR OPERATION OF THE PRODUCT.

NOTES

North America:
OBBOMED GROUP LLC

1210 E. Lexington Ave.
Pomona, CA 91766
United States
TEL: 909-364-9831
www.obbomed.com
sales@obbomed.com

EC REP

Europe:
OBBOMED GROUP BV
Morseweg 11
8503 AH Joure
The Netherlands
TEL: +31 513 764030
FAX: +31 515 531811
mattress-eu@obbomed.com

Australia:
OBBOMED GROUP PTY LTD
Unit 39/ 3 Kelso Crescent Moorebank
NSW 2170 Australia

mattress-au@obbomed.com

Patented in the United States, European Union, Japan, Russia, China, Taiwan and India.

Patents:
www.obbomed.com/patents

PICARD HEALTHCARE TECHNOLOGY (DONGGUAN) CO., LTD.
No. 37, Chunfung Rd., Longbeilin
Tangxia Dongguan, Guangdong Prov., 523715 China
TEL: +86-769-8728-1716
FAX: +86-769-8728-3235
mattress-cn@obbomed.com

PICARD TAIWAN HEADQUARTERS
Factory: 3F., No. 159, Shan-ying Rd., Shan-ding Village,
Gueishan Dist., Taoyuan City 33341, Taiwan
Office: 5f, 25 Lane 66 Juikuang Rd., Nei-Hu, Taipei, 11491 Taiwan
TEL: +886-2-2791-2235
FAX: +886-2-2791-2236
sales@obbomed.com