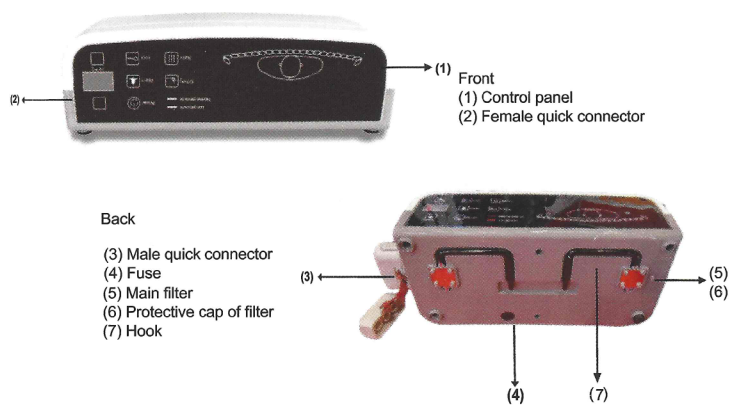


Atlas Pump USER MANUAL

Air Mattress with Digital Pump



PUMP PARTS BREAKDOWN



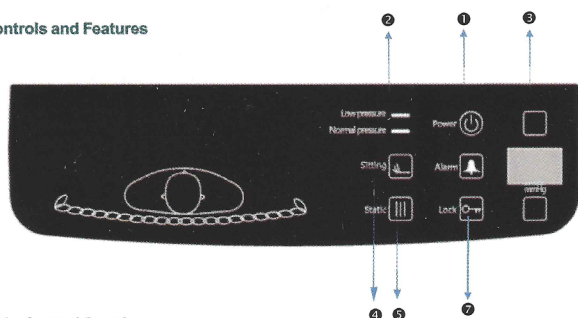
INSTALLATION

1. Atlas is a replacement mattress.
Place mattress directly on the bed frame, with the air hose connectors positioned at the footboard.
2. Hang the pump onto the footboard using the hooks on back of the pump, or place it on a flat surface.
3. Connect air hose connectors from air mattress to the pump unit. Ensure the air hoses are not kinked or tucked under the mattress.
4. Turn the power on.

GENERAL DESCRIPTION

Pump and Mattress

Controls and Features



Main Control Panel

1 POWER SWITCH



When LED is illuminated the power is on.

2 LOW PRESSURE



Low Pressure light will illuminate and alarm sounds when the pressure is below the preset level.

3 AUTO-FIRMNESS CONTROL



Pressure adjustment setup and display range (30-180kgs, press and hold for quick adjustment).

4 SITTING MODE



LED display showing "L"

SEAT FUNCTION: Provides extra support when the user is in a seated position.

5 STATIC



Both zones inflate together, LED display showing "—", 30min auto-back to alternating.

STATIC: Does not alternate & keeps mattress always inflated.

6 POWER FAILURE



In case of lost power, alarm will start, press "Alarm" to silence.

Mute the audible alarm when LED turns off

7 LOCK



Locks all functions automatically after two minutes. To disable, press and hold the button for three seconds.

TECHNICAL FEATURES

Pump Control Unit

FEATURE	PUMP
Power Supply	120 V / 60 Hz ☐ 220/50Hz ☐
Power	7 W
Fuse rating	1A/250 V
Dimensions	27.3*23.5*9cm
Cycle	10 mins
Weight	7 lb.
Environment temperature	Operation: +10 C / +40 C Storage: -15 C / +50 C Shipping: -15 C / +70 C
Environment humidity	Operation: 10%-90% Storage: 10%-90% non-condensing Shipping: 10%-90% non-condensing
Atmospheric Pressure	Operation: 700-1013, 25 hPa

TROUBLE SHOOTING

No lights on unit	Check control unit is connected to the mains power supply and that the unit is switched on. Check quick blow fuse on the control unit or mains plug fuse.
Low pressure alert	Check main power to the control unit and that the plug is switched. Check mattress air supply connector is connected to the pump unit correctly. Check the connector tubes for kinks, crimps or damage.
Control lock up or "freeze"	Turn the control unit off and unplug the pump. Wait a few minutes and plug the control unit back in. Turn on the control unit.

WARNINGS

Keep this manual in a safe place and refer to the manual before use and under proper medical supervision. Improper operation of this system may cause damage to the product and possible injury to the user.

- Do not use this product or any available optional equipment without first completely reading and understanding this instruction manual. If you are unable to understand the warnings, cautions or instructions, please contact a healthcare professional, dealer or authorized technician before attempting to use this equipment. Otherwise injury or damage may occur.
- Attention has to be paid to a potential danger that requires correct procedures or practices in order to prevent personal injury.
- Close supervision is necessary when this product is used by, on, or near children or persons with a disability.
- Keep the unit and cord away from heat sources and liquids.
- Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair and the like.
- Do not use outdoors or operate where aerosol (spray) products are being used.

- Never drop or insert any object into any opening or hose.
- Do not remove the housing of the Control Unit to avoid electrical shock. All disassembly or repair should be done by professional technicians.
- Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the product to a service center for examination or repair.
- Connect this product to a properly grounded outlet only.
- Make sure the pump unit is suitable for the local power voltage.
- Avoid damaging the plug or cables when moving the patient or bed.
- Ensure that the cables are safe and tidy and not caught in the bed mechanism or resting on the floor.
- Do not allow children to play with or operate the pump or mattress.
- Do not use this product for any purpose other than what is indicated in this manual.

STORAGE

- Switch off power from main and unplug, separate the pump from the mattress and place the mattress flat.
- Fold the mattress in two from mattress foot to head
- Allow time for air to escape from mattress to reduce storage space.
- Close the protective cap cover on the quick connector.

MAINTENANCE

In case of repair, use only O.E.M. parts and accessories.

CLEANING AND DISINFECTION

**WARNING!**
Unplug the pump before starting the cleaning procedure.

- Clean the mattress with mild soap.
- Do not immerse or soak pump unit.
- After cleaning, dry the pump without direct sunlight exposure.
- Check the connection tubes are not obstructed by dust or other

NOTE:

Never use acids, alkalis or solvents such as acetone to clean the mattress.