aspire™

ACTIVE AIR® 8

Single | King Single

USER MANUAL



Thank you for choosing this Aspire Active Air 8
Alternating Mattress Replacement.

This mattress replacement has been specifically designed to offer safety, comfort and support.

It is important that you read this user manual carefully before using your new mattress replacement.

This product features the CE mark, in compliance with the Medical Devices Regulation 2002 (as amended) Class 1, and the Medical Device Regulation 2017/745.

This product features the UKCA mark, in compliance with Part II UK MDR 2002 (as amended) Class 1.

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Due care has been taken to ensure all the information contained in this user manual is correct at the time of printing. All measurements, pictures, colours and weight capacities are to be used as a guide only. We reserve the right to modify the design or appearance of any product displayed in this user manual without prior notice.

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1. SYMBOLS USED IN THIS MANUAL

The symbols below are used throughout this user manual and on the product to identify warnings and important information. It is very important for you to read them and understand them completely.

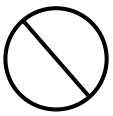


WARNING

WARNING! Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage or malfunction. On the product, this icon is represented as a black symbol on a white triangle with a black border.



ALWAYS! These actions are mandatory. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white infinity symbol on a black dot with a white border.



DO NOT! These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol with a black circle and black slash.



Range is 30 – 200kg

PATIENT WEIGHT RANGE. This represents the range within which the mattress replacement provides effective pressure redistribution outcomes. Patient weight should NOT fall outside this range at any time as this may void warranty and/or produce ineffective patient support outcomes.

2. SYMBOLS USED ON THE PRODUCT



Please note: Stickers are not shown to scale. The stickers shown above are samples only, codes may differ from product to product.

#	Product Code	UK CA	UKCA Mark
SN	Serial Number		Type BF as per IEC60601-1
CE	CE Mark		Read User Manual
MD	Medical Device		Caution
	Class 2 Electrical Equipment		Includes Electronics components and should not be mixed with general household waste
I	**Power ON**	O	**Power OFF**
	Keep product away from open flames	**IP21**	IP: Ingress Protection 2: Protection against fingers or other object not greater than 80mm in length and 12mm in diameter 1: Protection from vertically dripping water
	Do not use hooks		Do not open with a knife
	Manufacturer		Importer

3. INTRODUCTION

The Aspire Active Air 8 is an electrically operated Alternating Mattress Replacement offering a suite of features for a patient at high risk of pressure injury. Ease of use, functionality, serviceability and cleaning practicality are key features of dynamic mattress replacement system.

CLINICAL APPLICATIONS AND AREA OF USE

This Alternating Mattress Replacement is appropriate for adult patient care and should only be used under the instruction of a carer or health professional where concerns exist around patient safe use. It is expected that carers and operators read this manual in detail and regularly and patients are checked and monitored on regular basis during use.

INTENDED USE

This product is intended to help and reduce the incidence of pressure ulcers while optimising patient comfort. This product may be used in a variety of environments included, but not limited to in home care, aged care and hospital.

CONTRAINDICATIONS

The air mattress is not suitable for use on patients with unstable fractures.

The Fowler Position Detector (if supplied) is to be connected to the pump by the operator. It is not designed for the patient to make this connection.



WARNING! This equipment is not suitable for use in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

PRODUCT DESCRIPTION

This product is an Alternating Mattress Replacement System used in the prevention and relief for patients with, or vulnerable to, pressure ulcers. This product offers patients a comfortable and relaxing support surface by using the established principles of alternating therapy, which can both prevent skin breakdown and enhance healing.

The mattress pump features a digital pressure adjustment function, mode selections and audiovisual signals.

The mattress features a multi-stretch PU coated fabric cover (with high MVTR) along with 17 x alternating air cells, 3 x static head cells and a rapid release twist CPR Valve for use in the event of a CPR emergency. emergency.

Key Features

- Patient weight range of this mattress is 30-200kg, this should not be exceeded at any time
- **AutoLock** – The control panel automatically locks if not touched for 30 seconds preventing accidental changes to modes and settings
- **AutoProtect** - When the head of the bed is raised to 45° or more, air pressure automatically increases to prevent bottoming out
- **AutoDetect** - Based on the patients weight and size, appropriate pressure output is automatically set, ensuring optimal care and protection

- **24 Hour Transport** - In the event of a power failure, patients can remain on the inflated surface for up-to 24 hours
- **Easy-to-read LCD** - Clear LCD screen provides clear and concise information on cycle time selections, as well as operating mode and fault conditions
- **Multi-stretch, Vapour Permeable Cover** – Easy to clean cover is multi-stretch and breathable, reducing friction and shear whilst optimising skin microclimate
- **Welded Seams & Zip Protection** – Prevents fluid and bacterial ingress into the system, facilitating stringent infection control measures
- **Rapid Release CPR** – Allows quick deflation for cardio-pulmonary resuscitation in emergency situations
- **Audible & Visual Signals** – Staff are immediately alerted if a problem occurs, maximising peace of mind and reducing patient risk
- **Low Noise Pump** – Digital control unit features innovative pump technology to reduce vibration and facilitate improved patient sleep quality
- **Variable Cycle Times** – A choice of 10, 15, 20, 25 or 30 minute cycles to meet the needs and comfort requirements for a wide range of patients
- **Simple Cell Connections** – O-ring connections make maintenance hassle and tool free
- Hassle Free Pump Maintenance – Modular pump design ensures pumps can be fixed and returned to service quickly with minimal downtime
- **Power Cord Protection** – L shaped connection coupled with the protector function, significantly reduce the risk of the power cord becoming loose and getting damaged
- **Cable Management** – Cords are retained within the replacement so the risk of tripping and cord pinching is eliminated
- If placed in static mode, after 20 minutes the system will fall back to alternating mode ensuring maximum patient protection and pressure management
- Cell retention band prevents the inadvertent movement or separation of the cells that could lead to friction and shear

4. SAFETY PRECAUTIONS

This user manual outlines the intended use of the Aspire Active Air 8 Alternating Mattress Replacement, the intended use constitutes how to achieve maximum comfort whilst maximising safety and efficiency for care staff and patients alike.

It is **IMPORTANT** that this user manual is read in its entirety prior to operating the Replacement. The manual is designed to ensure that patients are equipped with the information required to competently and responsibly operate the replacement and pump.

It is recommended that the user manual be kept in an easily accessible place for quick reference.
If required, Aidacare product specialists can provide additional training.

All **WARNINGS** and **CAUTIONS** within this manual should be strictly adhered to. Failure to do so could result in harm to the patient or operator.

CAUTIONS highlighted throughout this manual identify possible hazards in procedures or conditions, which if not followed correctly could result in equipment damage, or failure.



WARNING

WARNINGS highlighted throughout this document identify possible hazards in procedures or conditions which if not followed correctly could result in serious injury, or fatality.

GENERAL

- Electrical equipment can be hazardous if used incorrectly
- Residual current devices (RCD) are not supplied with Active Air 8 Replacements. Please consult with your Biomedical Engineer/advisor concerning RCD requirements
- The clinically qualified person responsible should consider the age, size and condition of the patient before using the Alternating Mattress Replacement
- The maximum safe working load of the Active Air 8 is 200kg with a safe patient range of 30-200kg
- This replacement is not to be used on top of a pre-existing support surface. This is a Mattress Replacement so there is no need for a static foam mattress or pressure safety underlay to be located underneath, this Replacement can go directly onto the bed platform

5. PRODUCT SAFEGUARDS

SAFEGUARD	DESCRIPTION
 WARNING To reduce the risk of electrocution	1. Occupants should not operate the product at any time. Always ensure that the pump is unplugged when not in use. 2. **DO NOT** disassemble the pump at any time. 3. **DO NOT** place or store the pump close to water or any other liquid. 4. **DO NOT** submerge the pump in water or any other liquid. Do NOT submerge or use during bathing. 5. **DO NOT** make contact with the pump if it has come into contact with water or any other liquid, unplug immediately. 6. **DO NOT** place the pump in a position that makes it difficult to disconnect from power.



WARNING

To reduce the risk of burn, electrocution, fire or injury to the patient

1. The mattress must be operated by connecting it to the pump ensuring that it is not turned off or unplugged whilst in use.
2. Always ensure that warning labels are adhered to ensuring that voltage is correct, approved power cords are used and that Children & Animals do not come into contact with the packaging materials that could cause suffocation.
3. Equipment is not suitable to be used in the presence of a flammable anaesthetic mixture with air, oxygen or nitrous oxide.
4. Do not use in an oxygen enriched environment. Care must be taken when using in the presence of oxygen concentrators or similar equipment to ensure they are correctly used and do not let oxygen accumulate around the mattress and pump (for example, concentrator left operating without the mask being worn by the patient).
5. Keep away from sharp objects.
6. Close supervision is necessary when this product is used by, on, or near children or people with disabilities.
7. Use this product only for its intended use as described in the user manual. Do not use attachments not recommended by the Aidacare.
8. Do not operate this product if the pump has a damaged power cord or plug, not working properly, has been dropped or damaged or dropped/submerged into water or another liquid. If this occurs, contact your Aspire dealer immediately for a product inspection.
9. Keep the power cord away from hot surfaces.
10. Do not block the air valves/tubes/openings by placing on a soft surface such as a bed or couch. Keep all valves/tubes/openings responsible for air flow, clear of all lint, hair and other particles.
11. Do not insert any object into the air valves/tubes/openings.
12. Avoid dropping pump and do NOT mount any heavy objects on top of it.
13. Place the power cord and air hoses at the occupant's foot area to avoid strangling of the occupant's neck.
14. Avoid electromagnetic interference by ensuring that electro-magnetic or RF generated equipment is kept away from the occupant.
15. Over the course of operation, the pump will generate a small amount of heat. Do not maintain skin contact with pump for more than 1 minute at a time. Never cover the pump when it is in use, ensure air flow to pump is free at all times.
16. During a power outage or loss (even if only temporary) the pump will stop and power failure signal will sound for up to 10 minutes. The pump will return to normal operation once the power supply is resumed.
17. Connect this product to a properly grounded outlet only.
18. Avoid the risk of electrocution by grounding the ground pin with grounding power outlet.
19. The EMC specification is compliant with all regulations and requirements. For power leads with a ground pin, the connection with properly grounded power outlets will supress the EMC effect. The pump will work correctly for power leads that are not grounded.
20. Connecting auto-detection should only be performed by the operator and not the occupant.
21. This device incorporates electronic programmable systems. Do not attempt to access the systems without authorisation.



WARNING

Always check openings between mattress and raised up side rails fitted to the bed to prevent patient entrapment risk.

6. PRODUCT OVERVIEW

This Alternating Mattress Replacement has been designed for the aged care and hospital environment. Please take the time to familiarise yourself with the key components shown below:



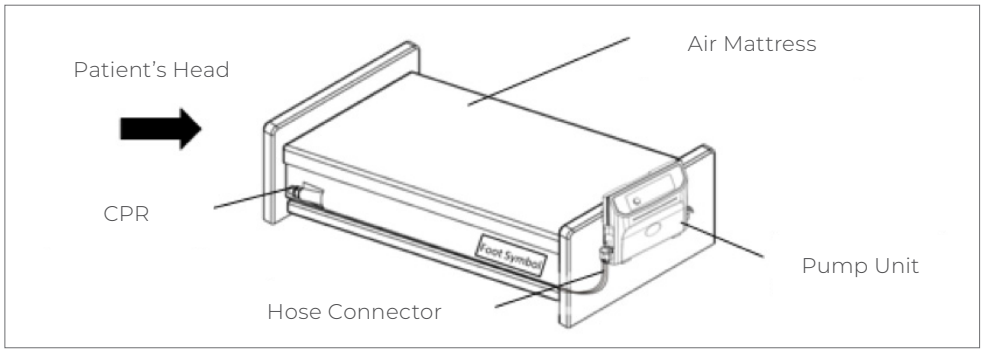
7. ASSEMBLY & SETUP

Box Contains:

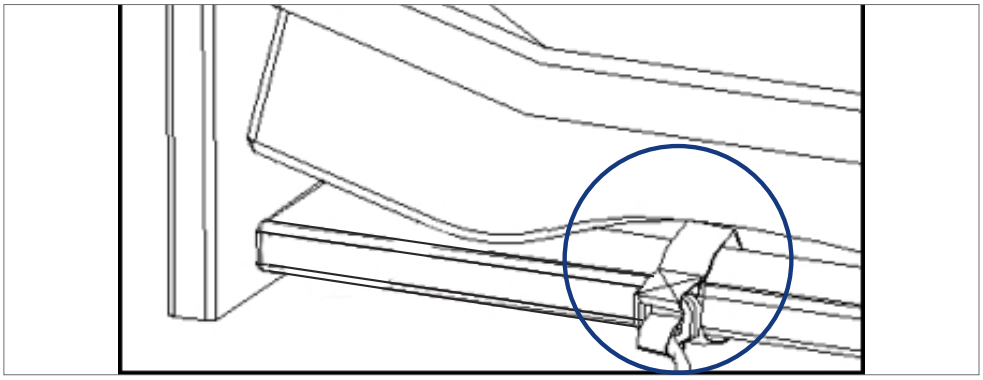
- Digital Mattress Pump
- Mains Power Cable
- 8 inch Mattress
- Transport Carry Bag
- User Manual

When opening the carton, ensure it is done in a safe and careful manner. **DO NOT USE** a box cutter or sharp implement as this may damage the product.

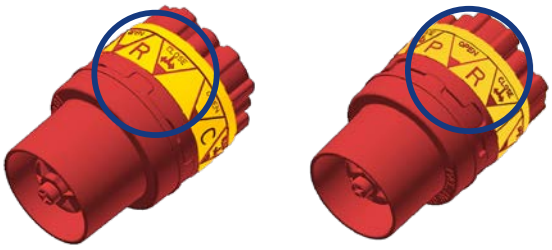
1. Raise the bed to a suitable working height (just below hip level) using the Hi-Lo buttons on the hand control or the nurse control panel.
2. If the bed is designed with such a function, adjust the length of the bed to suit patient needs:
   - Follow bed user manual to ensure bed length is extended correctly. For example, a foot-end mattress retainer may need to be moved to the extended position if bed length is extended.
   - Refer to the bed User Manual.
3. Unroll and place the 8 inch Mattress Replacement directly onto the mattress platform, ensuring that there is no foam mattress or pressure safety underlay underneath. Ensure the air pump hose is towards the FOOT END of the bed so it lines up with the pump and the red CPR valve is at the head end of the bed.



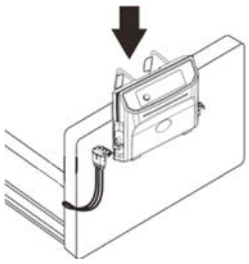
4. If the bed has been extended :
   - Use a foam bolster to fill the gap between the air mattress and the extended section of the bed.
   - Always select a bolster that matches the bed size, mattress height and extension length. The Aspire Lifecomfort Extension Mattress Bolsters are available from Aidacare.
   - Bolsters can be placed at either the head or foot end of the bed. Always consult a suitably qualified healthcare professional to determine the most appropriate placement based on patient needs.
   - Shift the air mattress towards the head or foot end of the bed, depending on where the bolster will be positioned.
5. Secure the mattress onto the mattress platform by fastening and securing the straps and buckles.



6. Ensure the CPR valve is at CLOSE position.

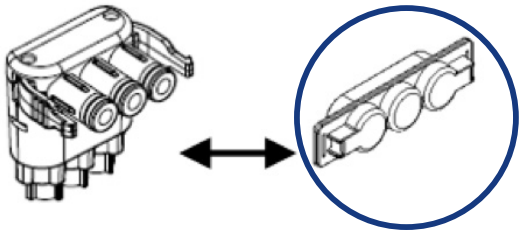


7. Position the pump on the **FOOT END** of the bed end. The spring hanger bracket assembly will self-adjust onto the footboard to secure it in place.
8. Feed the air hoses through the beds' foot-end mattress retainer (if fitted). **Do not route the hoses over the retainer.**

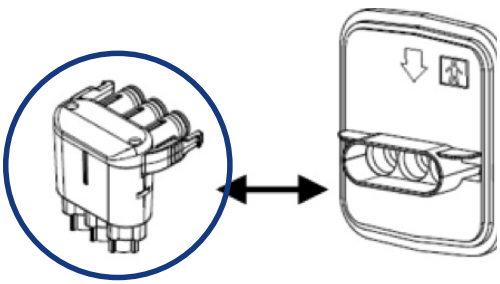


WARNING! To avoid the risk of electrostatic discharge or fire route the hoses from the mattress to the pump in such a way that the mattress and hoses remain flat and the hoses are not lifting the mattress off the bed base. For example, if a mattress retainer is in the way of the hoses, route the hoses **through** the retainer and not over it. Always check hose position after assembly by moving and profiling bed through it's positions (backrest and legrest or other positions) to ensure hoses do not become stretched or kinked in any bed position.

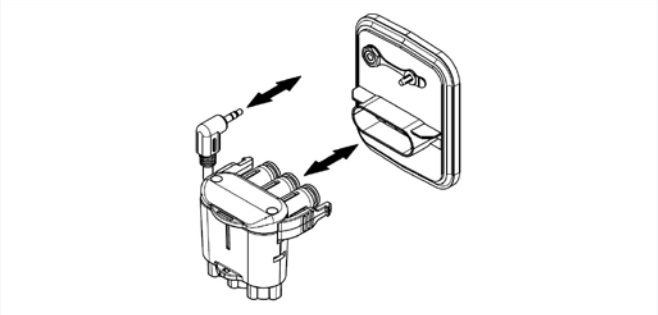
9. Remove the plastic protector cap from the end of the air hose.



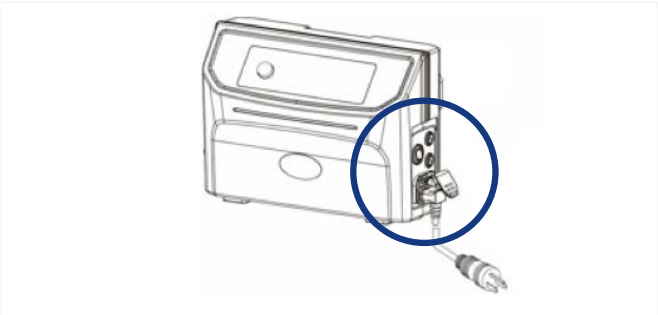
10. Firmly push the hose connector into the side of the pump until a notable 'click' sound is heard



11. Connect the detection cable to the pump until a notable **'click'** sound is heard.



12. Lift the waterfall zip cover at the foot end of the bed to access the pump's power cable. Gently pull the cable to extend its length so that it can reach the pump.
    Connect the mains power cable to the pump ensuring that the power switch remains switched **OFF**.



WARNING! To avoid the risk of electrostatic discharge or fire route the power cable from the mattress to the pump in such a way that the cable is not lifting the mattress off the bed base. For example, if a mattress retainer is in the way of the cable, route the cable **through** the retainer and not over it. Always check cable position after assembly by moving and profiling bed through it's positions (backrest and legrest or other positions) to ensure cable does not become stretched or kinked in any bed position.

13. Press down in the L shape power cord protector to secure the power cord in place.



14. Plug the mains power cable into the electrical power socket.
15. Set mode suitable for patient, (Refer to OPERATION for further details on how to adjust the mattress replacement).

WARNING! DO NOT place the pump unit in an area where the power cord can become pinched or stuck.

WARNING! The digital pump is only to be used with the Aspire Active Air 8 and not any other system.

16. If using a mattress bolster: place the bolster in the desired position. If positioned at the foot end, ensure it is inserted and retained by the mattress retainer.
17. Raise the leg section fully to extend the ratchets (if fitted). Check that the pump's power cable and mattress hoses do not interfere with bed movement or become stretched. Confirm that both the air mattress and bolster remain securely in place.
18. If necessary, adjust the position of the air mattress and bolster by unstrapping, repositioning, and re-strapping the mattress to the bed.
19. Unzip the top cover of the mattress at the foot end to inspect the internal air cells. Ensure the hose cover is clipped securely in place to prevent movement during use. Clip into position if required.





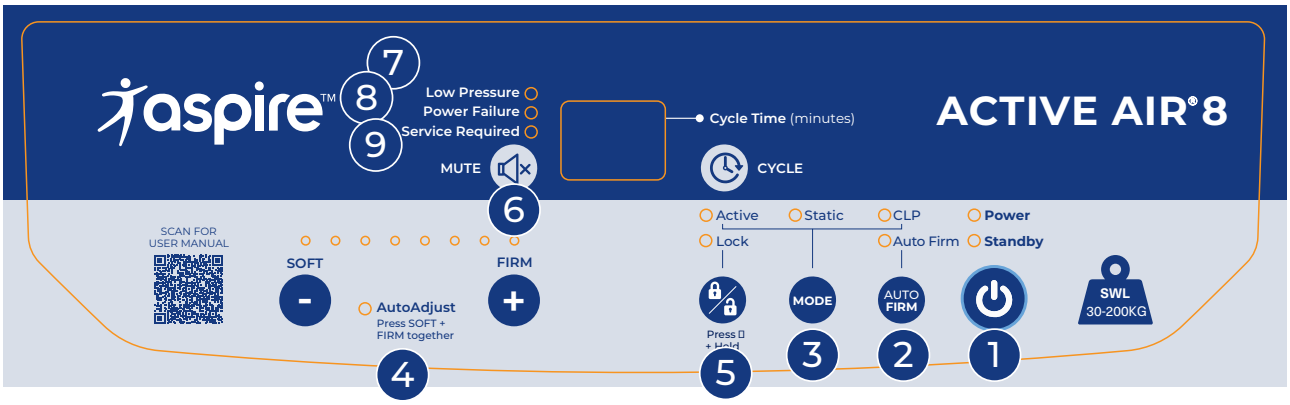
20. Close the mattress top cover.

8. OPERATION

Aspire Active Air 8 Alternating Mattress Replacements are powered by a digital pump which can be controlled with the adjustment control panel.

Various modes can be set on the digital pump to ensure maximum comfort and pressure redistribution for the patient.

ADJUSTMENT CONTROL PANEL OPERATION



1. Power On/Ready for Use
2. Auto Firm
3. Pressure Mode Adjustment
4. Automatic Pressure Adjustment For Specific Patient
5. Function Lock Out
6. Mute
7. Low Pressure Indicator Signal
8. Power Failure Indicator Signal
9. Service Required Indicator Signal

POWER ON/READY FOR USE

The power switch for the pump is located on the side of the pump.

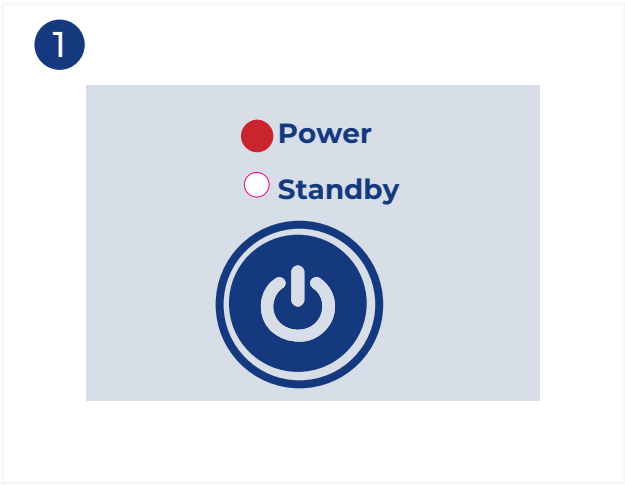
1. Press the power switch up (| is pressed down) on the side of the pump and press the **ON/OFF** button on the control panel.
2. All LED indicators on the control panel will illuminate accompanied by an audible beep for 2 seconds afterwhich the standby indicator will illuminate. This is a good time to check for any indicator LED's failing to turn on.

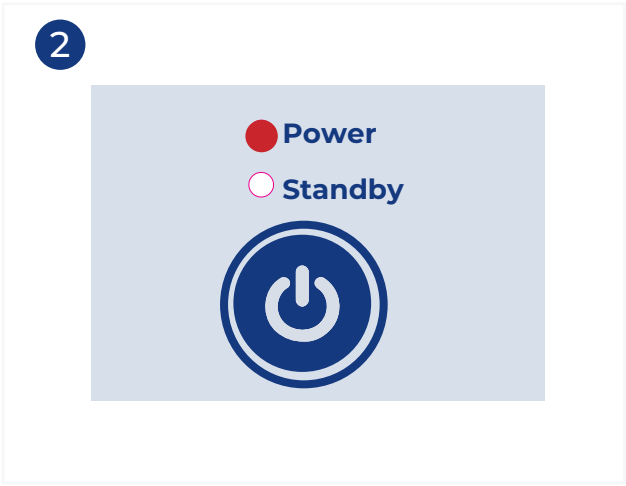
   If the pump was previously shut off in Operate mode then the pump will enter Operate mode directly.

   NOTE: To check the indicator signal battery during startup: Press power switch down to O position and the power failure indicator signal should be activated.

   Press the 'POWER' button on the control panel and the pump will begin to inflate. The air mattress will take approximately 60minutes to fully inflate.

WARNING! Do not proceed to other settings until mattress has finished inflating.





AUTO FIRM

This feature allows the mattress to inflate to it's maximum pressure automatically, specifically beneficial for patient ingress & egress. It can also be used as a tool to completely inflate the mattress.

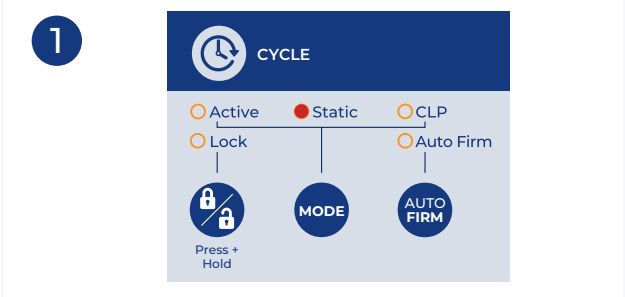
1. Press the **Auto Firm** button down, LED light will illuminate and the mattress will start to firm to maximum level.
2. Once the maximum level of pressure is reached, the pump will automatically switch into the previous selected mode and comfort level after 20 minutes.

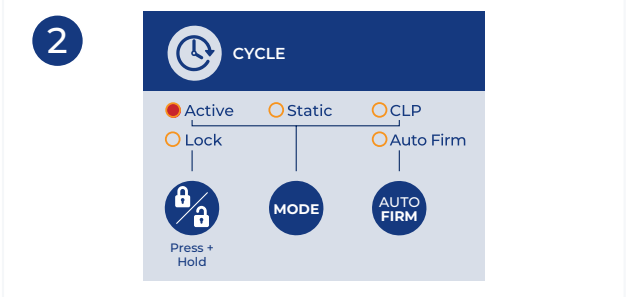


PRESSURE MODE ADJUSTMENT - STATIC, ACTIVE & CONSTANT LOW PRESSURE

Static Mode

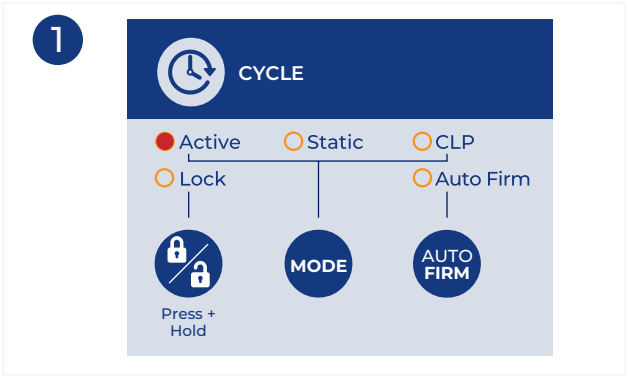
1. Press the MODE button until the **'Static'** LED light is illuminated.
2. Static mode will automatically fall back to **'Active'** mode after 20 minutes.

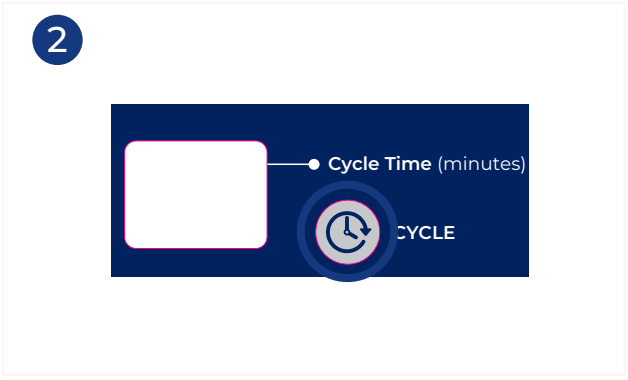




Active Mode

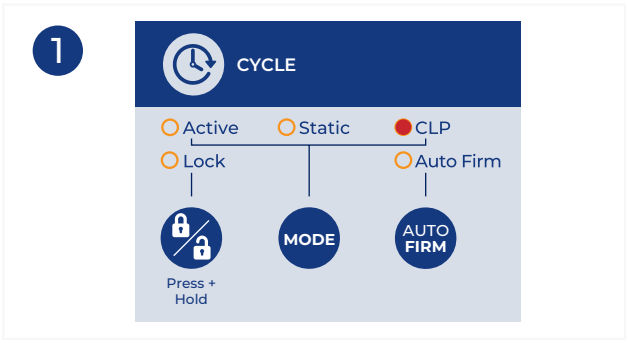
1. Press the mode button until the **'Active'** LED light is illuminated
2. Toggle the alternating cycle times (10, 15, 20, 25 or 30 minutes) by pressing the 'Cycle' button, the cycle time will be displayed on the LED screen





Constant Low Pressure

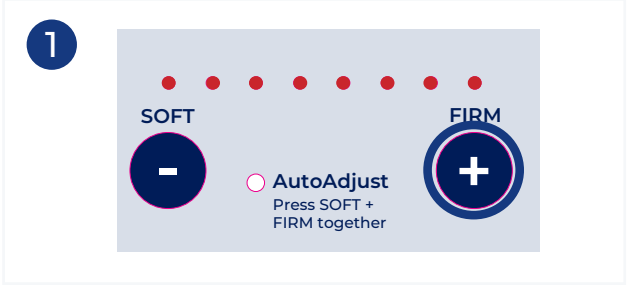
1. Press the mode button until the CLP LED light is illuminated.
2. The mattress will retain 50% of the selected pressure in the static mode for the selected pressure that has been set for the patient.

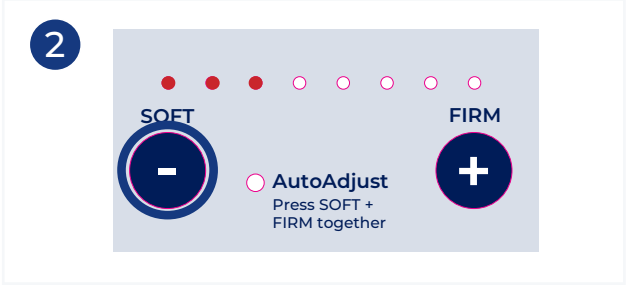


COMFORT (PRESSURE) ADJUSTMENT

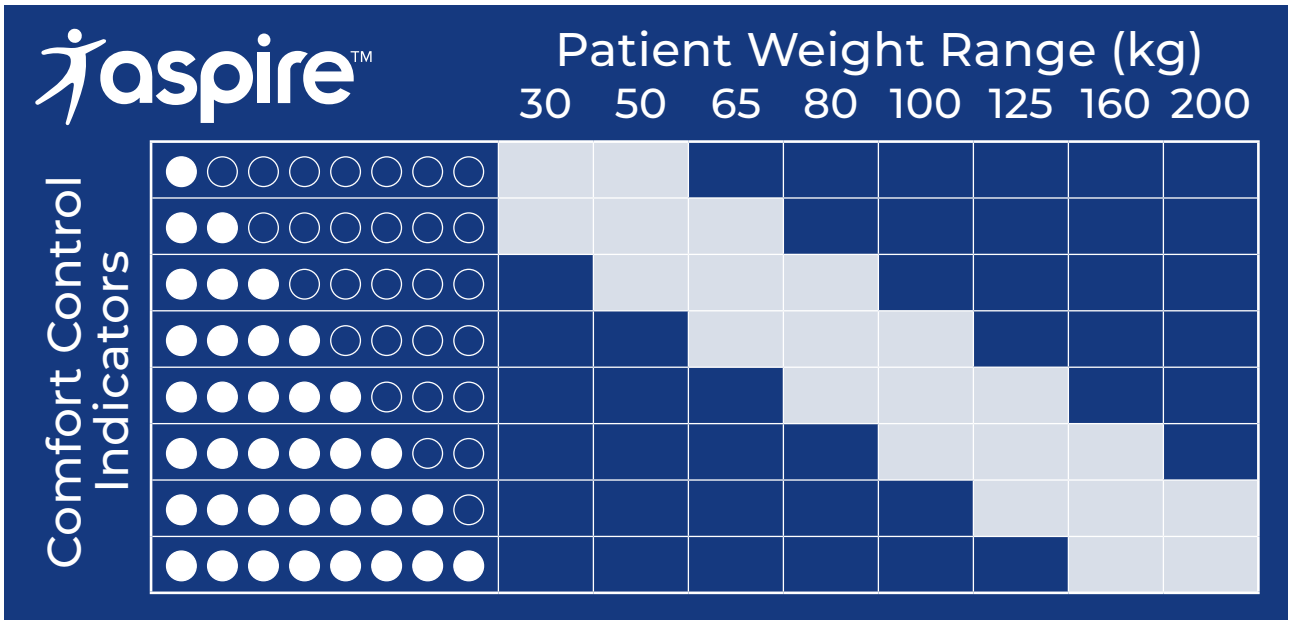
The easy to operate buttons ensure comfort can be easily adjusted to suit the patient.

1. Press the **FIRM** button to increase the pressure.
2. Press the **SOFT** button to decrease the pressure.





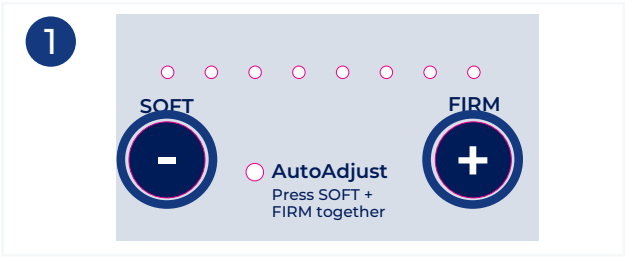
NOTE: The below table indicates the suggested pressure according to the patients weight. This is intended as a guide only as patient body shapes vary.

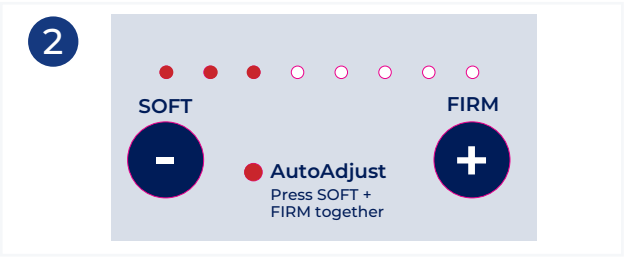


AUTO ADJUST

Suggested pressure levels are automatically set (dependent on patient weight) when activating the Auto Adjust feature.

1. Press and hold down the SOFT & FIRM buttons, the LED light will flash and start detecting correct pressure.
2. Once adjusted, the LED light will stop flashing and will remain illuminated indicating the pressure has been adjusted for the specific user.
3. The mattress pressure can be manually adjusted after this if the user desires to adjust the comfort level.





AUTO PROTECT

Additional air is pumped under the mattress pelvic region when the bed backrest angle is raised to prevent patient bottoming out. This is also referred to as a fowler function.

1. Auto Protect will be triggered when the upper half of the mattress is elevated and exceeds an angle of 45° with 15mmHg of increased pressure from the pump to prevent bottoming out.
2. Once the upper half of the mattress falls back to under 45° of elevation, the pump will revert to the previous mode/setting.

FUNCTION LOCK OUT

Carers can lock out functions to ensure functions are not accidentally toggled, impacting the operation for the particular patient.

1. Press and hold the function lock out button until the LED light is illuminated. When illuminated the functions are locked out.
2. To reverse this process, press and hold the function lock out button until the LED light is OFF. When LED is OFF all functions are unlocked.



MUTE

1. Press mute button to nullify all signals from the pump.
2. If the issue is not rectified, mute button will automatically disable and signal will reactivate. This is a safety function to ensure a prompt response when an issue or fault occurs.



LOW PRESSURE

To ensure correct pressure is achieved, the **'Low Pressure'** LED light will illuminate and an audible signal will sound.

1. If the control pump senses low pressure, the Low Pressure LED light will illuminate and signal.
2. Refer to the troubleshooting sticker on the base of the pump to identify if there is a quick and easy solution, if not please contact your Aspire dealer immediately.

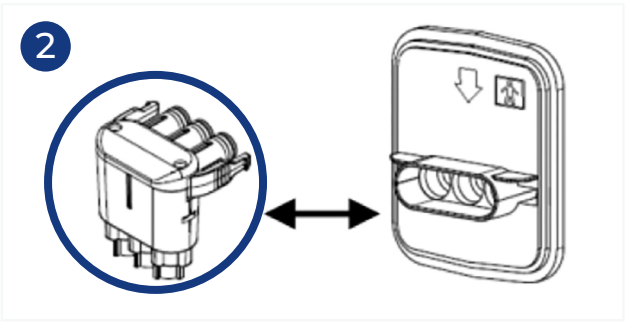




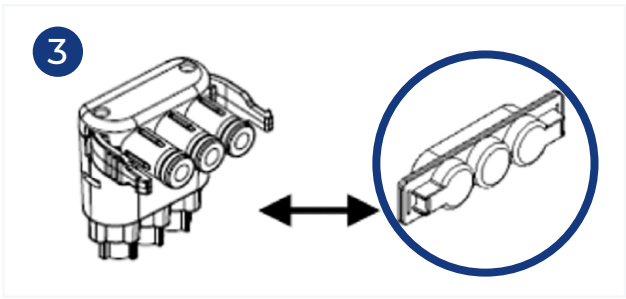
POWER FAILURE

1. If the control pump senses a power failure, the **'Power Failure'** LED light will illuminate. In the event of a power failure, the air mattress can be switched to Transport Mode to retain air pressure in the cells for up to 24 hours.
2. Disconnect the air hose connector from the side of the pump.





3. Securely attach the plastic protector to the end of the air hose. This will activate Transport Mode, allowing the mattress to retain air. Please note, in Transport Mode, the mattress will function as a static surface and will not provide the alternating pressure features (Pressure On/Off). To ensure the safety and comfort of the user, if power is not restored within a timely manner, please arrange for an alternative mattress or support surface. Once power is restored, remove the plastic protector cap and reconnect the air hose to the pump. Ensure the pressure mode and setting is checked by a suitably qualified healthcare professional.
4. Refer to the troubleshooting sticker on the base of the pump to identify if there is a quick and easy solution, if not please contact your Aspire dealer immediately.





SERVICE REQUIRED

1. If the control pump senses a fault or issue, the service LED light will illuminate
2. Refer to the troubleshooting sticker on the base of the pump to identify if there is a quick and easy solution, if not please contact your Aspire dealer immediately.

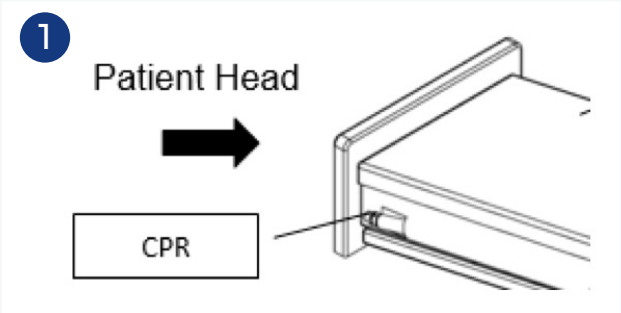


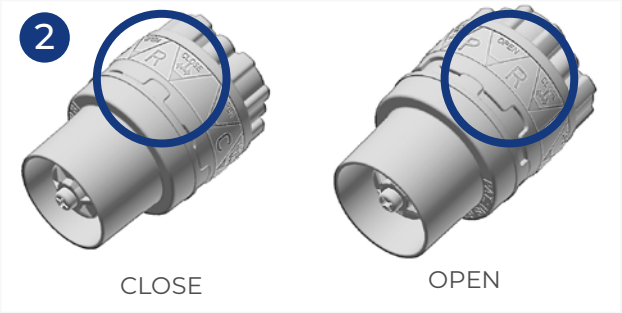


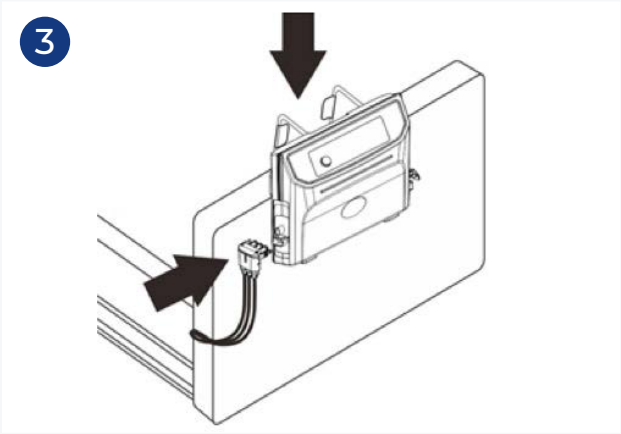
GENERAL OPERATION

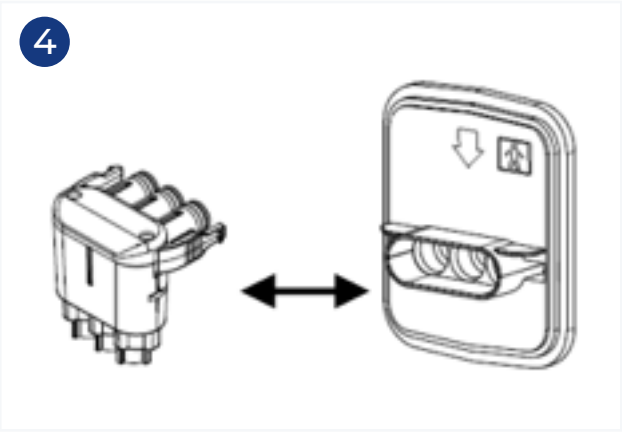
CPR

1. Locate the CPR switch which is located at the HEAD end of the bed.
2. Open the CPR valve by twisting the cylinder to the RIGHT to the OPEN position.
3. Locate the hose connector connected to the pump at the FOOT end of the bed.
4. Disconnect the hose connector from the pump.









9. PRODUCT SPECIFICATIONS

PUMP UNIT

Dimensions (W x D x H)	330 x 130 x 230mm / 11.8'' x 5.1'' x 9''
Weight	3.5kg / 7.7lbs
Cycle Times	10/15/20/25/30 minutes
Static Time	20 minutes
Auto Firm Time	20 minutes
Pump Output Pressure Range (mmHg)	25 ~ 60 (±5)
Voltage	AC230 V 50Hz
Current	0.12 AMAX (@253V~)
Fuse Rating	T1AL 250VAC
Frequency	50 Hz (230V)
Classification	Class II Type BF
Operation Environment	5 ~ 40°C 15% ~ 90% Relative Humidity (no condensation)
Storage Environment	-25 ~ 70°C 10-90% Relative Humidity (no condensation) Note: if the device has been stored below-25degC or above 70degC, allow it to acclimatise for 30minutes before use
Environment Pressure (kPa)	70 ~ 106
Environment Horizontal Altitudes	≤ 3000m
Water and Dust Protection Classification	IP21
Service Life	5 Years

AIR MATTRESS - SINGLE

Dimensions (L x W x H)	2000 x 900 x 200mm / 78.7'' x 35.4'' x 7.8''
Weight	8.3kg / 18.3lbs
Cell Material	TPU
No. of Air Cells	20
Cover Material	Multi-stretch PU coated fabric with high MVTR
Bottom Material	Polyester-PU
Max Weight	200kg / 31.4st
Service Life	5 Years

AIR MATTRESS - KING SINGLE

Dimensions (L x W x H)	2000 x 1077 x 200mm / 78.7'' x 42.4'' x 7.8''
Weight	9.7kg / 21.4lbs
Cell Material	TPU
No. of Air Cells	20
Cover Material	Multi-stretch PU coated fabric with high MVTR
Bottom Material	Polyester-PU
Max Weight	200kg / 31.4st
Service Life	5 Years

10. ACCESSORIES

POWER CABLE

Service Life	5 Years

11. CLEANING

To ensure all infection control protocols are strictly adhered to, it is extremely important to follow the below steps to keep the product clean at all times.

Mattress Pump

- Wipe with a damp cloth that has been pre-soaked with a mild detergent
- Ensure pump is kept free of dust and other particles



DO NOT! Immerse or soak the mattress pump at any time

Mattress Cover

- To remove small spills or stains, wipe the mattress cover with a damp cloth that has been pre-soaked with a mild detergent or single use disinfectant wipe
- To remove large spills or stains, the top cover should be completely removed and laundered as per below procedure:

1. Remove top cover by unzipping all 4 x sides from the mattress base
2. Prewash top cover at up to 95° for 15 minutes
3. Main wash top cover at up to 95° for 15 minutes
4. Dry mattress cover prior to use by hanging up on a line/air dryer or on a low heat setting it can be tumble dried for up to 90 minutes
5. Once dry, reattach top cover by zipping all 4 sides back onto the mattress base

CLEANING INFORMATION

Please wipe the cover with a disposable, soft cloth, which has been moistened with warm water and detergent (advisory at 40°C). Ensure to dry thoroughly.



Tumble dry on low heat



Do not bleach



Do not dry clean



Do not iron



Machine wash up to 95°



DO NOT! Use phenol based products



WARNING! After cleaning, the mattress must be completely dried prior to use



WARNING! Do not dry mattress cover in direct sunlight to prevent wearing out of text on cover

INFECTION CONTROL INFORMATION

For typical cleaning scenarios, a diluted solution mix of Sodium Hypochlorite or similar and fresh water should be used (up to 1000 ppm).
In severe cases, chlorine based products (*diluted up to a max of 10,000 ppm) may be used.
Cover should be wet prior to application of chlorine and must be followed by a thorough fresh water wash down.
Ensure the surface is dried thoroughly with a soft cloth or air dried thereafter.
For further details, please contact your infection control team.
Do NOT use phenol based products.
*Failure to follow these instructions may result in a void warranty situation.

12. MAINTENANCE & STORAGE

To ensure longevity of your Mattress, it is very important that it is correctly stored and regularly maintained.

General

- Check mains power cable and plug for any abrasions or excessive wearing
- Check mattress cover for signs of wear or damage
- Check air hoses for any kinks or breakages
- Ensure air mattress cells and hose shroud are all clipped in place
- Check air hoses for signs of damage or leakage

Fuse Replacement

- Disconnect the mains power if there is a blown fuse
- Remove the cover on the side casing of the pump
- Remove old fuse and reinsert a new fuse, fix in place with the cover



WARNING! Only use fuse supplied by your Aspire Dealer, ensuring it has the correct rating and specification

Air Filter Replacement

- Remove the cover on the rear casing of the pump
- Remove old filter and reinsert a new filter, fix in place with the cover

NOTE: If the filter does not require replacement, it can be cleaned by being washed gently with a mild detergent and warm water. Ensure the filter is dry prior to installing back into mattress pump.



WARNING! Only use filter supplied by your Aspire Dealer, ensuring it has the correct rating and specification

Storage

- Release all air from mattress by OPENING CPR valve and disconnecting mattress hose from pump
- Lay the mattress out flat & roll from HEAD end towards FOOT end
- Tighten mattress straps into clamps to prevent mattress unrolling
- Packing strap can then be stretched around the rolled mattress to prevent unrolling.
- Wrap power cord around the mattress

13. TROUBLESHOOTING

PUMP WARNING CODE REFERENCE

When more than one indicator signal is activated, the below warning symbols will display in prioroty level.

Priority High > Low	Warning Code	Indicator	Audible Output Mode	Warning Description	Troubleshooting Guide
0	S.d.	Power Failure	Once	**S**hut**d**own	1. Check if the power cord cable is plugged into an outlet. 2. Check if a power outage has occurred. 3. Ensure the power switch on the side panel is switched to the ON position 4. Press the indicator signal mute button to switch the pump off.
1	8.8.	ALL LED	Once	All Indicators On	Power-On
2	I.E.	Auto Firm	Once	**I**nflation **E**nded	Air Mattress Inflation Completed
3	A.E.	Auto Firm	Once	**A**uto Firm **E**nded	Auto Firm Completed
4	S.E.	Static	Once	**S**tatic **E**nded	Static Completed
5	N/A	Power Failure	Repeat	No Display	1. If the pump is running but the power failure indicator signal did not activate during a power outage, charge the pump for at least 6 hours. 2. If the power failure indicator signal still does not work, contact the dealer or agent.
6	I.F.	Low Pressure	Repeat	**I**nflation **F**ailure	1. Close the CPR valve at CLOSE position 2. Ensure the connection between the hose connector and the pump is tightly secured. 3. Check if all coupling connections on the air cells and manifolds are secured. 4. Remove the hose connector from the pump and check if there is air output. If not, turn off the pump and contact the dealer or agent.
7	A.F.	Low Pressure	Repeat	**A**uto Firm **F**ailure	
8	L.P.	Low Pressure	Repeat	**L**ow **P**ressure	

9	H.P.	**Service**	**Repeat**	**H**igh **P**ressure	This may be caused by sudden air pressure changes, such as a person sitting or moving on the air mattress intensely. The indicator signal will stop once normal air pressure is restored.
10	H.H	**Service**	**Repeat**	**H**igh **T**emperature	Contact the dealer or agent.
11	U.1.	**Service**	**Repeat**	Air **V**alve **1** Failure	Contact the dealer or agent.
12	L.B.	**Service**	**Repeat**	**L**ow **B**attery	1. Charge the battery by running the pump for at least 6 hours. 2. Once charged, restart the pump by switching the power switch on the side panel . 3. The indicator signal should no longer appear. If the indicator signal persists, contact the dealer or agent for battery replacement. **NOTE**: This indicator signal does not affect the operation of the pump.
13	L.H.	**None**	**None**	**L**ift-Up **H**igh	Lift-Up Angle > 45° (± 15°)
14	L.L.	**None**	**None**	**L**ift-Up **L**ow	Lift-Up Angle > 20° (± 15°)
15	S.I.	**None**	**None**	**S**ervice **I**ndicator	Routine service reminder. Contact the dealer or agent.
16	C.U.	**None**	**None**	**C**alibration **U**ncomplicated	Contact the dealer or agent

GENERAL TROUBLESHOOTING GUIDE

ISSUES	POSSIBLE CAUSES	POSSIBLE RESOLUTIONS
Signal beeping **Flashing No lights**	Plug not properly connected or switched off at wall; Power outage has occurred; Fuse is broken - Machine or system broken	Make sure the power is correctly connected; Check fuse, replace if broken; Is the voltage normal (power outage occurred)? Switch pump off and on again; Await re-connection of power
Signal beeping **Flashing Mattress soft or flat**	Mattress not connected to pump correctly; Air tube disconnected or damaged; CPR not attached properly	Check tube connectors are attached to mattress; Ensure CPR is closed tightly
Signal beeping **Flashing Mattress too hard or soft**	Air pressure not adjusted to required level	Hold down lock key (3 seconds) then adjust the pump pressure (firmer or softer) according to user weight until suitable and comfortable
Mattress flat or very soft	Air hoses are loose or not connected properly; CPR not attached properly; Air pressure is not adjusted to required level	Check all air hoses and connectors; Ensure CPR is closed tightly; Adjust pressure on pump. If showing maximum pressure and full inflation has not been achieved, pump may be faulty
Noisy pump	Pump not located on a flat area or hooked properly on bed end; Pump has been dropped or has loose internal components	Ensure pump is on flat area and in suitable position on bed end

As a quick reference tool, refer to the troubleshooting sticker on the base of the pump casing for quick solutions. Always refer to the user manual where possible.



TROUBLESHOOTING

ISSUES	POSSIBLE CAUSES	POSSIBLE RESOLUTIONS
Signal beeping · Flashing No lights	Plug not properly connected/switched off at wall Power outage has occurred Fuse is broken · Machine or system broken	Make sure the power is correctly connected Is the voltage normal (power outage occurred)? Await re-connection of power Check fuse, replace if broken Switch pump off and on again
Signal beeping · Flashing Mattress soft or flat	Mattress not connected to pump correctly Air tube disconnected or damaged CPR not attached properly	Check tube connectors are attached to mattress Ensure CPR is closed tightly
Signal beeping · Flashing Mattress too hard or soft	Air pressure not adjusting to required level	Hold down lock key (3 seconds) then adjust the pump pressure (firmer or softer) according to user weight until suitable and comfortable
Mattress flat or very soft	Air hoses are loose or not connected properly CPR not attached properly Air pressure is not adjusting to required level	Check all air hoses and connectors · Ensure CPR is closed tightly Adjust pressure on pump. If showing maximum pressure and full inflation has not been achieved, pump may be faulty
Noisy pump	Pump not located on a flat area or hooked properly on bed end Pump has been dropped or has loose internal components	Ensure pump is on flat area and in suitable position on bed end

If problem persists, please contact your Aspire dealer or Aidacare to arrange repair or replacement

14. WARRANTY

Aspire Active Air 8 Alternating Mattress Replacements carry a comprehensive warranty as detailed below. Please keep proof of purchase for proof of warranty commencement.

2 YEARS WARRANTY
Pump & Mattress

Aidacare does not warrant against excessive or incorrect use, modification or any situation that could not be deemed as fair wear and tear. This is a back to base warranty and does not cover freight costs pertaining to the return of any items under warranty. For further information contact Aidacare. Aidacare will not warrant the safety and or correct functioning of products where any original components have been changed or modified by non-Aidacare approved and trained service & maintenance staff or external providers. Furthermore, safety is not guaranteed where components have been replaced with non-original Aidacare approved parts. All Air Mattress customisation, modifications and or alterations made to this product are considered as “custom” changes. These may cause the product to no longer meet safety standards and should be considered prior to commencement. Any customisation or modification of the Air Mattress is not warranted by Aidacare and will void warranty. If any faults are detected upon receipt of this product please phone Aidacare. Any faults that are detected during normal use should be reported to Aidacare immediately to determine if warranty conditions apply and if so, the necessary repair or replacement work to be completed.

Spare parts list is available upon request.

For servicing, preventative maintenance and any other questions regarding this or any other Aidacare product please contact Aidacare.

15. COMPLIANCE

This Air Mattress range is manufactured in ISO compliant production facilities in the UK to strict quality control standards.

Aspire Air mattresses are manufactured and independently tested to the market relevant compliance standards including: IEC 60601-1, IEC 60601-1-2, IEC 60601-1-11.

Labels on the Air Mattress address compliance requirements and users should familiarise themselves with these prior to use.

EMC INFORMATION

WARNING! Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

WARNING! Use of accessories, transducers, and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Description	Cable Length
Power Cable (non-shielding)	5 M

WARNING! Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of this device, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

MANUFACTURER'S DECLARATION-ELECTROMAGNETIC EMISSIONS

The device(s) is intended for use in the electromagnetic environment (for home and professional healthcare) specified below.

The customer or the user of the device(s) should assure that it is used in such an environment.

Emission test	**Compliance**	**Electromagnetic environment-guidance** (for home and professional healthcare environment)
RF emissions CISPR 11	Group 1	The device(s) uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The device(s) is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Compliance	

MANUFACTURER'S DECLARATION-ELECTROMAGNETIC IMMUNITY

The device(s) is intended for use in the electromagnetic environment (for home and professional healthcare) specified below.

The customer or the user of the device(s) should assure that it is used in such an environment.

Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment-guidance** (for home and professional healthcare environment)
Electrostatic discharge (ESD) IEC 61000-4-2	Contact: ± 8 kV Air: ±2 kV, ±4 kV, ±8 kV, ±15 kV	Contact: ± 8 kV Air: ±2 kV, ±4 kV, ±8 kV, ±15 kV	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%
Electrical fast transient/ burst IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/output lines	± 2kV for power supply lines	Mains power quality should be that of a typical home and professional healthcare environment.
Surge IEC 61000-4-5	± 0.5 kV, ±1 kV line(s) to line(s) ± 0.5 kV, ±1 kV, ± 2 kV line(s) to earth	± 0.5kV, ±1kV line(s) to line(s)	Mains power quality should be that of a typical home and professional healthcare environment.

Voltage Dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	Voltage dips: 0 % UT; 0,5 cycle 0 % UT; 1 cycle 70 % UT; 25/30 cycles Voltage interruptions: 0 % UT; 250/300 cycle	Voltage dips: 0 % UT; 0,5 cycle 0 % UT; 1 cycle 70 % UT; 25 cycles Voltage interruptions: 0 % UT; 250 cycle	Mains power quality should be that of a typical home and professional healthcare environment. If the user of the device(s) requires continued operation during power mains interruptions, it is recommended that the device(s) be powered from an uninterruptible power supply or a battery.
Power frequency (50, 60 Hz) magnetic field IEC 61000-4-8	30 A/m 50 Hz or 60 Hz	30 A/m 50 Hz	The device(s) power frequency magnetic fields should be at levels characteristic of a typical location in a typical home and professional healthcare environment.

NOTE UT is the a.c. mains voltage prior to application of the test level.

MANUFACTURER'S DECLARATION-ELECTROMAGNETIC IMMUNITY

The device(s) is intended for use in the electromagnetic environment (for home and professional healthcare) specified below.

The customer or the user of the device(s) should assure that it is used in such an environment.

Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment-guidance** (for home and professional healthcare environment)
Conducted RF IEC 61000-4-6	3 Vrms: 0,15 MHz – 80 MHz 6 Vrms: in ISM and amateur radio bands between 0,15 MHz and 80 MHz 80 % AM at 1 kHz	3 Vrms: 0,15 MHz – 80 MHz 6 Vrms: in ISM and amateur radio bands between 0,15 MHz and 80 MHz 80 % AM at 1 kHz	**Portable and mobile RF communications** equipment should be used no closer to any part of the device(s) including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.
Radiated RF IEC 61000-4-3	10 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz	10 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz	**Recommended separation distance:** $d = 1,2\sqrt{P}$ $d = 1,2\sqrt{P}$ 80MHz to 800 MHz $d = 2,3\sqrt{P}$ 800MHz to 2,7 GHz Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Interference may occur in the vicinity of equipment marked with the following symbol: 

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

RECOMMENDED SEPARATION DISTANCE BETWEEN

PORTABLE AND MOBILE RF COMMUNICATIONS EQUIPMENT AND THE DEVICE(S)

The device(s) is intended for use in an electromagnetic environment (for home and professional healthcare) in which radiated RF disturbances are controlled. The customer or the user of the device(s) can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device(s) as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter	**Separation distance according to frequency of transmitter**		
	m		
W	**150 kHz to 80 MHz**	**80 MHz to 800 MHz**	**800 MHz to 2,7 GHz**
	$d = 1,2\sqrt{P}$	$d = 1,2\sqrt{P}$	$d = 2,3\sqrt{P}$
0,01	0,12	0,12	0,23
0,1	0,38	0,38	0,73
1	1,2	1,2	2,3
10	3,8	3,8	7,3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where p is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

MANUFACTURER'S DECLARATION-ELECTROMAGNETIC IMMUNITY

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

The device(s) is intended for use in the electromagnetic environment (for home and professional healthcare) specified below.

The customer or the user of the device(s) should assure that it is used in such an environment.

Test frequency (MHz)	Band [a] (MHz)	Service [a]	Modulation [b]	Maximum power (W)	Distance (m)	IMMUNITY TEST LEVEL (V/m)	Compliance LEVEL (V/m)
385	380-390	TETRA 400	Pulse modulation b)	1,8	0,3	27	27
450	430-470	GMRS 460, FRS 460	FM c) ±5 kHz deviation	2	0,3	28	28
710 745 780	704-787	LTE Band 13, 17	Pulse modulation b) 217 Hz	0,2	0,3	9	9
810 870 930	800 – 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation b) 18 Hz	2	0,3	28	28
1 720 1 845 1 970	1,700 – 1,990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation b) 217 Hz	2	0,3	28	28
2 450	2,400 – 2,570	Bluetooth, WLAN, 802.11 b/g/n,	Pulse modulation b) 217 Hz	2	0,3	28	28
5 240 5 500 5 785	5,100 – 5,800	WLAN 802.11 a/n	Pulse modulation b) 217 Hz	0,2	0,3	9	9

NOTE: If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

a) For some services, only the uplink frequencies are included.

b) The carrier shall be modulated using a 50 % duty cycle square wave signal.

c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

MANUFACTURER'S DECLARATION-ELECTROMAGNETIC IMMUNITY

Test specifications for ENCLOSURE PORT IMMUNITY to proximity magnetic fields

The device(s) is intended for use in the electromagnetic environment (for home and professional healthcare) specified below.

The customer or the user of the device(s) should assure that it is used in such an environment.

Frequencies	**Test Level** [A/m]	**Modulation**	**Dwell time** [s]	**Compliance LEVEL** [A/m] (for home and professional healthcare)
30 kHz (a)	8	CW	3	8
134,2 kHz	65	Pulse modulation (b) 2,1 kHz	3	65 (c)
13,56 MHz	7,5	Pulse modulation (b) 50 kHz	3	7,5 (c)

NOTE:

(a) This test is applicable only to ME EQUIPMENT and ME SYSTEMS intended for use in the HOME AND PROFESSIONAL HEALTHCARE ENVIRONMENT.

(b) The carrier shall be modulated using a 50 % duty cycle square wave signal.

(c) r.m.s., before modulation is applied.

16. MANUFACTURER, EU REPRESENTATIVE AND IMPORTER DETAILS

If you have any questions, you can contact:

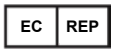


Manufacturer:

Aidacare Pty Ltd ABN 40 134 398 833

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Moorebank NSW 2170 Australia

1300 133 120 | product@aidacare.com.au



EU Representative:

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Cork T12 Y9TC Ireland

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MADE IN TAIWAN

240326