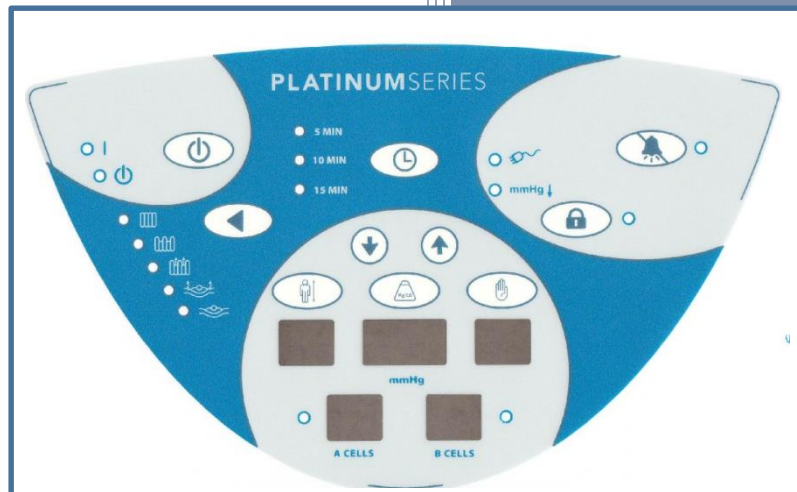


User Manual

Platinum 6000™ Alternating Pressure Low Air Loss Mattress Replacement System



Rev. 2.0 #8046

SIZEWISE

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User Manual

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Definition of Symbols

Manual Definitions

Throughout this manual different type fonts and icons are used to aid user readability and understanding of the content. Below are some examples.

Standard Text	Used for regular information.
Bold Face Text	Emphasizes a word or phrase.
NOTE	SETS APART SPECIAL INFORMATION OR IMPORTANT INSTRUCTION CLARIFICATION.

Warnings and Cautions



Warnings/Cautions: This symbol is intended to alert the user to the presence of important operating, maintenance or servicing instructions. Disregarding a warning could result in patient and/or user injury as well as damage to equipment.



Electrical Shock Hazard Warning: This symbol is intended to alert the user to the presence of electrical shock hazards. It is important to follow all instructions and special procedures to avoid electrical shock to the operator, care provider and/or patient.

Important Safety Instructions

Please read all of these instructions prior to operating the Platinum 6000™ System. Retain this information for future reference. Follow all warnings and instructions that appear on the controller and the mattress.

Handling

- Use care in handling the Platinum 6000™ System Controller. Dropping the unit may cause internal damage and cause it to malfunction. **DO NOT** use a unit that shows any sign of physical damage until it has been checked by a Sizewise representative.

Dust, Dirt & Tobacco Smoke

- Keep the mattress and controller away from excessive dust, dirt and tobacco smoke as they can cause premature system failure.

Controller Location

- **DO NOT** place the controller on an unstable table or cart. The unit may fall and be damaged. Use care in installing the controller to hospital bed footboards to make sure the footboard can withstand the weight of the controller and the hoses.

Power Cord

- The Platinum 6000™ System is equipped with a hospital grade, grounded line plug. The plug can only be inserted into the outlet in one way. If the plug is not usable with the wall outlet, contact your Sizewise representative prior to operating the unit. **DO NOT** modify the safety grounding features of the product. **DO NOT** plug the unit into an outlet that is overloaded; this may damage the unit and could create a fire hazard.

- Be sure to route the power cord to the wall socket in a way that will prevent the cord from being tripped over or accidentally pulled from the wall socket. Routing the cord under the bed is recommended. DO NOT attach the power cord to portions of a hospital bed that move into positions that will stress or cut the power cord. Damaged electrical power cords must always be replaced. DO NOT attempt repairs.

Power Sources

- The Platinum 6000™ System should only be operated from a 120VAC 60Hz 3A, or higher, rated outlet. If unsure about the power source, consult a Sizewise representative.

Lightning

- For added protection, the controller should be turned off and the unit unplugged from the wall during an electrical storm. The air mattress will remain inflated when the controller is turned off.

Operating Environment

- The Platinum 6000™ System is designed to operate in a temperature range from 10°C (50°F) to 43°C (110°F). The controller should not be placed next to a radiator or heat source. The unit should have access to circulating room air. DO NOT operate the unit in a confined space. DO NOT cover the controller with plastic or other materials that could limit air flow into the controller.

Servicing

- This product contains no user serviceable parts. Removing the cover or attempting to service the unit yourself could expose you to potentially hazardous voltages. Breaking or removing any of the warranty seals will void the factory warranty. Refer all product service to your Sizewise representative.

Water & Other Liquids

- DO NOT operate the controller near water. If the case gets wet, wipe it off immediately. Spilling liquids onto the controller cover should be avoided as it sometimes can be difficult to clean off and could damage the finish.

Oxygen Equipment

- Extreme care should be taken when using oxygen equipment. DO NOT USE AN OXYGEN TENT NEAR THE PLATINUM 6000™ SYSTEM. Because of the air flow generated by the Platinum 6000™ System, smoking is not recommended in the proximity of the controller. To reduce the risk of electrical shock, DO NOT remove the cover or otherwise tamper with the operation of the controller.

Smoking in Bed

- It is advised that smoking in bed is a hazard and although fire retardant materials are used in the construction of the mattress, it is not recommended.

Flammable Mixtures

- This product is not suitable for use in the presence of flammable mixtures.

Device Information

- When there is no electrical power to the unit, the mattress will not deflate. Be sure to check the position of the patient frequently. If the mattress becomes deflated for a period of time, remove the patient from the mattress surface to prevent possible injury to the patient.

Unpacking and Set-Up Instructions

- Make sure power cord is plugged into properly grounded AC 110V outlet.

Seven Zones of Bed Rail Entrapment

- Bed rail entrapment is a serious health risk that can result in serious injury or even death. Sizewise recommends the care provider be mindful of the FDA guidelines relevant to bed rail entrapment, as serious injury can result. It is also the care provider's ultimate decision whether or not to use bed rails with the patient.

Mattress Cleaning Instructions

- It is recommended that gloves and protective clothing be worn at all times during cleaning and disinfecting.
- DO NOT autoclave.

Maintenance

- The mattress requires regular maintenance to ensure performance and avoid premature wear, damage and injury.

Troubleshooting

- Only authorized personnel should engage in the troubleshooting process. Troubleshooting by unauthorized persons could result in personal injury or equipment damage.
- To avoid electrical shock, DO NOT open the pump. Refer servicing to qualified personnel only.

Interference

This device has been tested and found to comply with the limits for an FCC Type B device, pursuant to FCC Rules. These limits are designed to provide a reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy. The equipment may cause interference to radio communications if not installed and operated properly. There is no guarantee that interference will not occur. In the event harmful interference occurs, the user is encouraged to try the following measures to remedy the problem:

1. Turn the controller on and off to verify it is the cause of the interference.
2. Reorient or relocate the receiving antenna on the equipment with a problem.
3. Increase the separation between the controller and the equipment.
4. Connect the equipment to a different power outlet from the controller.
5. Consult a Sizewise representative or dealer for assistance.

Device Information

Description of the Device

The Platinum 6000™ System incorporates alternating pressure therapy techniques to reduce interface pressures on the skin surface. When the patient is placed on the mattress surface, the mattress firmness is adjusted automatically after the patient's height and weight are entered on the display panel. This distributes the body weight uniformly across the mattress surface. The Alternating Pressure Mode reduces the air pressure in alternate air cells every 5, 10, or 15 minutes to reduce the interface pressure on specific areas of the body even further. The air cells with reduced air pressure are alternated with adjacent air cells to allow a major portion of the body to obtain the therapeutic effect while maintaining the patient in an air flotation state.



CAUTION: When there is no electrical power to the unit, the mattress will not deflate. Be sure to check the position of the patient frequently. If the mattress becomes deflated for a period of time, remove the patient from the mattress surface to prevent possible injury to the patient.

Specifications

System Controller

Mode of Use:	For indoor use only
Mode of Operation:	Continuous
Controller Dimensions:	L: 11.5" H: 9.2" W: 6.5" L: 29.2 cm H: 23.4 cm W: 16.5 cm
Controller Weight:	12 lbs. (5.5 kg)
Atmospheric Range:	525mmHg to 795mmHg
Mattress Pressure Range:	0mmHg to 50mmHg
Air Pressure Zones:	Two (2) variable pressure zones
Operating Temperature:	+10°C to 43°C (+50°F to 110°F)
Power Requirements:	120VAC 60Hz 3A Maximum
Power Consumption:	40 Watts (Maximum)
Electric Shock Protection:	Class I
Degree of Shock Protection:	Type BF
Ingress Protection Rating:	IPX0
Altitude:	Up to 2000m
Maximum Relative Humidity:	30% to 75%
Related Pollution Degree:	2
Storage Temperature:	-23°C (-10°F) to +65°C (+150°F); the unit must be warmed if stored in a cold environment prior to operation
Environmental Conditions:	This medical product must be stored and transported in suitable packaging free from moisture and dust
User Serviceable Parts:	This product has no user serviceable parts
Fuses:	T1.25AH 250V 5 x 20mm
Power Cord Length:	5 meters (16 foot) detachable with hospital grade plug
Bed Board Mount Requirements:	Bed board must be capable of supporting a minimum of 100 lbs. (45 kg). The thickness can range from 1" to 2 1/4" (25mm to 57mm)

Mattress

Mattress Dimensions:	35"W x 80"L x 8"H 203.2 cm W x 89 cm L x 20.3 cm H
Foam Pad Dimensions:	35"W x 80"L x 2"H 89 cm W x 203.2 cm L x 5 cm H
Number of Air Cells:	20
Number of Air Cell Zones:	2
Mattress Weight:	25 lbs. (11.4 kg)
Weight Capacity:	
Bariatric	900 lbs. / 408 kg
Non-Bariatric	600 lbs. / 272 kg

Compliance to UL60601-1

This medical equipment complies with UL60601-1 which is the standard for safety testing electrical medical devices, under the following minimum conditions:

- An ambient temperature range of +10°C to 43°C (+50°F to 110°F)
- A relative humidity range of 30% to 75%
- An atmospheric range of 700hPa (525mmHg) to 1060hPa (795mmHg)

Unpacking and Set-Up Instructions

Installation of the Platinum 6000™ System

The Platinum 6000™ Mattress can be placed on any conventional bed used in hospitals, nursing homes or a home medical bed. The original bed mattress should be removed and stored in an appropriate place. The following steps should be completed in installing the system:

1. Roll out mattress onto the bed frame with the air hoses exiting at the foot of the bed.
2. Strap the mattress base to the bed frame. Use caution when attaching the straps to make sure there is no strap damage when the bed position is changed.
3. Place the Platinum 6000™ System Controller on the footboard as close to the center as possible.
4. Make sure the hoses can reach the controller without undue strain.
5. Connect the air hoses to the controller.
6. Press the hose onto the controller connector until the hose connector clicks.
7. Pull back gently on the hose connector to verify the mechanical connection is secure.
 - a. The appropriate connections will be obvious as only certain mattress side connectors will mate properly with the control unit side ports.
8. Examine each of the air cells in the mattress. Make sure each air cell is vertical and not twisted in the mattress base.
9. Verify positive air connections by gently pulling the air manifold and air cell connections gently apart.
 - a. If the connectors separate, press them back together until a click is heard.
10. Loose air cell connectors may prevent the mattress from inflating properly.
11. Check the snaps on the end of each air cell to make sure they are securely fastened to the mattress base.
12. Route the power cord in a safe manner to the closest power outlet and plug in the unit.
 - a. When the unit is powered up, set the control unit mode to Auto Firm mode. This will fill the mattress more rapidly in preparation for the patient.
13. Note the inflation of the air cells. Make sure all air cells are fully inflated and are not twisted in the mattress base.
14. Change the mode from Auto Firm mode to the required mode of operation.
15. Adjust the firmness level for the patient by entering the patient's height and weight on the display control panel. This is accomplished by first depressing the patient Height button, using the Up/Down buttons to increase or decrease the default height setting in increments of 1" (2 cm). The same procedure is used when setting the Weight button to set the patient's weight in kilograms (pounds), using increments of 2 lbs. (1 kg).
 - a. Heavier patients are set to higher firmness levels. Lighter patients are set to lower firmness levels. The Platinum 6000™ is preprogrammed to automatically select

the optimum comfort pressure for the patient once the patient's height and weight are entered on the display control panel. If the preprogrammed comfort setting is not appropriate because of the patient's body type, pressing the Manual pressure button provides the ability to override the preprogrammed settings for adjustments to the surface.

Unpacking Instructions (no tools required):

Remove the products from the packing material and examine for shipping damage. If damage is detected in shipping, contact the freight company and file a damage complaint immediately.

Set-Up on Sizewise Bed Frames

Follow these steps for installation on Sizewise (and most non-Sizewise bedframes:

1. Verify mattress is the correct size for the bed frame top deck. Refer to Side Rail Entrapment Guidelines on page 18.
2. Place bed frame in flat position.
3. Connect pump and perform safety checklist. Refer to page 23.
4. Disinfect mattress prior to patient use. Refer to Mattress Cleaning Instructions on page 19.
5. Zero scale prior to placing patient on surface.

Warning or Safety Instructions relating to set-up:



WARNING: Make sure the power cord is plugged into a properly grounded AC 110V outlet.

Operating Instructions

Control Unit Operation



Power On/Standby

Toggles between Power On and Standby mode. When Power is selected, the Power LED and the other displays are illuminated, but no power is applied to the compressor until a mode is selected. If no mode is selected, Auto Firm mode is activated after 5 minutes. Hold the power button down for more than 2 seconds to enter the Standby mode.



Auto Firm Mode

Blows maximum airflow through both channels in the mattress to facilitate inflation time and is designed to revert into a normal operating mode after inflation has been achieved. After a 15 minute period the control unit will default to an A/P 5 minute operating cycle.

NOTE: This mode may be used to max inflate the mattress surface for patient procedures. However, due to the default change to A/P mode after a 15 minute period, it is advisable that the pump be put in Immersion mode at maximum pressure or the control unit powered down if the procedure is to take more than 15 minutes.



Alternating Pressure (A/P) Mode

The mattress cells are alternated according to cycle time settings (5, 10 and 15) programmed on the front control panel.



Alternating Pressure (A/P) /Low Air Loss (LAL) Mode

The mattress cells are alternated according to cycle time settings (5, 10 and 15) programmed on the front control panel. After the channels have adjusted to their set pressure, the pump then continuously feeds air to the LAL manifold and to the advanced microclimate top cover.



Immersion/Low Air Loss Mode

Pressure is equalized in the mattress cells between both alternating pressure channels to a comfort pressure associated with the patient's weight to maximize immersion. After the channels have adjusted to their set pressure, the pump continuously feeds air to the LAL manifold and to the advanced microclimate top cover.



Immersion Mode

Pressure is equalized in the mattress cells between both alternating pressure channels to a comfort pressure associated with the patient's weight to maximize immersion. The pressure is then regulated and maintained at the selected setting.



Power Failure Indicator/Alarm

This LED blinks and sounds an audible alarm to indicate that power has been removed, either because the plug was removed or power to the outlet has been removed.

mmHg ↓

Low Pressure Warning

If a problem exists with maintaining pressure in the active alternation channel, this LED will blink and an audible alarm will sound.



Cycle Time

This button selects the cycle time of alternating pressure between 5, 10, and 15 minute periods. When the pump is in Auto Firm or Immersion Mode, this button is not functional.



Lock Button

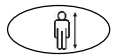
When depressed for 2 seconds this button will lockout any of the other buttons on the panel to prevent unauthorized or accidental changes. This function can be disabled by depressing the button for an additional 2 seconds.

The audible alarm is sounded to indicate the operation of this function and an amber LED indicates the locked state.



Alarm Silence Button

This turns off the audible alarm (the LED for the warning still flashes). If the alarm condition is re-triggered, the audible alarm will be turned on again.



Patient Height Button

When the patient Height button is selected the Up/Down buttons may be used to increase/decrease the patient's height in 1 in. (2 cm) increments. . The Height display will blink when this function is selected. The default height setting is 68 inches.



Patient Weight Button

When the patient Weight button is selected the Up/Down buttons are used to increase/decrease the weight shown in the LED display by 2 lbs. (1 kg) increments. The low end and high end of the weight range is 100 lbs. to 900 lbs. (50 kg to 500 kg) and above 345 lbs. (180 kg) the pressure increases in larger steps (bariatric mode). The Weight display will blink when this function is selected. Once the height and weight are set, it will cause a comfort setting for those parameters to be automatically set for the patient. The default weight setting is 150 lbs.



Manual Pressure Setting Firm/Soft

This buttons allow an override of the predetermined pressure set by the patient's height and weight. It can be used as a comfort setting in environments where optimal settings are less critical and patient comfort is a priority. A pressure range from 0mmHg to 50mmHg is available. The default settings are set to 68", 150 lbs. providing a suggested pressure of 20 mmHg for a patient sleeping flat on his or her back.

A/B CELLS

Displayed Channel Pressures

The actual pressure in the alternating pressure channels are displayed in the lower portion of the control panel. The LED's to each side of the Channel Pressure displays also indicate the channel that is actively inflating or deflating.

NOTE: The Platinum 6000™ top cover is designed for use without a top sheet. If a bottom sheet is desired, place a flat sheet over the top cover and allow it to drape over on all 4 sides of the bed. DO NOT tuck in the ends of the sheet under the mattress. The bottom sheet must have give to conform to the patient's body profile. This relieves excess pressure and shear on the skin.





Switching from Metric to Imperial Units

When the pump is supplied from the factory the weight units are shown in pounds and the height shown in inches, ranging from 48" to 79".

For convenience it is possible to configure the unit to show the height in meters and the weight in kilograms, but each configuration change from imperial units to metric or vice-versa will clear all previous patient settings from internal memory and will reset pressure settings to their default values of 68" and 150 lbs.

Please note that changing modes should only be carried out by an authorized person as part of a management policy and is not part of normal day-to-day operations. It is specifically not intended to act as a metric/imperial calculator and will not perform as such.

The control unit should be in the Power Off/Standby mode before beginning the following sequences:

1. To change from imperial to metric mode:
 - a. First press and hold the Weight button  and then press and hold the Height button  simultaneously.
 - b. All LEDs will then flash and the Power Fail alarm will sound. Keep the buttons depressed for six audible beeps and then release.
 - c. Cancel the alarm and then Power the units ON.
 - d. Upon switching ON the metric mode will be operative and the height display will show a value from 1.2 to 1.9 meters with a conspicuous decimal point, and the weight will be shown in kilograms.
2. To change from metric to imperial mode:
 - a. First press and hold the Weight button  and then press and hold the Manual button  simultaneously.
 - b. All LEDs will then flash and the Power Fail alarm sounds. Keep the buttons depressed for six audible beeps and then release.
 - c. Cancel the alarm and then Power the unit ON.
 - d. Upon switching ON, the imperial mode will be operative and the height display will show a value from 48" to 79" and the weight will be shown in pounds. Please note that in Imperial mode the decimal point will not be shown.
3. Please note the absence or presence of the decimal point clearly indicates which mode has been selected, as well as the appropriate number range. Weight is always shown in the units corresponding to the height. It is not possible to show metric height with imperial weight or vice-versa.

Cardiopulmonary Resuscitation (CPR)

Cardiopulmonary Resuscitation (CPR) requires a rapid deflation of the mattress. If CPR is required, twist the CPR Plug on the top right hand side of the mattress. Also, remove the hoses from the controller by depressing the latch on the connector for each hose to release the hose from the controller. This will allow the mattress to vent the air in the air cells. Place a CPR board under the patient and hyper extend the patient's neck to open the airway. Begin administering CPR.

If defibrillation is required, position the patient's arms, legs and torso away from the metal portions of the bed. Unplug the controller from the wall receptacle. When the mattress needs to be re-inflated, reconnect the air hoses, plug in the power cord and select the Auto Firm mode from the front panel.

Patient Care Functions

Placing the Patient on the Mattress Surface

Place the patient on the mattress surface from a bed or stretcher with a transfer device. The mattress should be set in the Auto Firm mode. In order to ensure proper immersion and envelopment of the patient, the user should:

1. Position patient on surface in center of bed.
2. Initialize soft/firm settings on control unit.
3. Wait a moment to allow internal sensors to activate pressure redistribution. Generally, depending on patient body makeup, initial pressure redistribution is complete in approximately 2-3 minutes.
4. Elevate the head of the bed to at least 30 degrees.
5. Unzip the mattress and visually inspect the height of the cells for sufficient inflation. There should be several inches between the patient and the frame of the bed. Adjust the air flow accordingly. Ask the patient if they can feel the bed frame beneath them. If yes, add air incrementally. Repeat until patient no longer feels the frame beneath them.
6. If the patient cannot reply verbally, unzip the mattress and visually inspect the height of the cells for sufficient air inflation. There should be several inches between the patient and the frame of the bed. Adjust the air flow accordingly.
7. CPR: The standards for life support recommended by the American Heart Association for performing CardioPulmonary Resuscitation (CPR) recommend a hard level surface for performing CPR, moving the person to the floor if possible. For performing CPR, place the CPR board, lower the head of the bed, position the patient on their back and follow standard CPR procedures of the facility.

Positioning the Patient

When moving a patient the control unit should be in the Auto Firm Mode.

To reposition the patient, change the control unit to Auto Firm Mode. This makes the mattress surface firm and facilitates the repositioning of the patient with less strain on the care provider. When the patient has been repositioned, press auto firm to return to the previous setting.

NOTE: DO NOT leave a patient unattended on the mattress surface with the safety side rails in the down position. When leaving a patient, secure the safety side rails in the up position. Make sure the safety side rails are high enough to properly protect the patient when the mattress is fully inflated, while continuing to be mindful of the FDA guidelines on bed rail entrapment.

Backrest Up or Fowler Position

When the patient's backrest is elevated, it may be necessary to manually increase the mattress firmness to compensate for the additional weight placed in the center portion of the mattress. Observe the patient for a short time after raising the backrest to make sure the buttocks and thigh areas are not "bottomed-out".

Prone Position

DO NOT leave a prone patient on the mattress surface. If the patient is unable to move without help, the patient's airway may be compromised. If the patient is to be kept prone for an extended period of time, consult a Sizewise representative for assistance.

Bedpan Placement & Removal

Position the patient's hips over the center of the mattress. Using Immersion Mode, lower the pressure setting with the Firm/Soft button. Turn the patient into the side-lying position and place the bedpan.

The pressure in the center section of the mattress will lower to make inserting the bedpan easier. The firmness setting may be adjusted to increase the firmness of the center section after the pan is placed in position.

When the bedpan is to be removed, logroll the patient off the bedpan and remove it. Readjust the firmness level to the appropriate setting. Select Immersion mode and wait for the mattress to completely re-inflate before activating Pulsating Pressure mode again.

NOTE: Always remove the bedpan before entering the SW Immersion™ mode.

Removing the Patient from the Mattress Surface

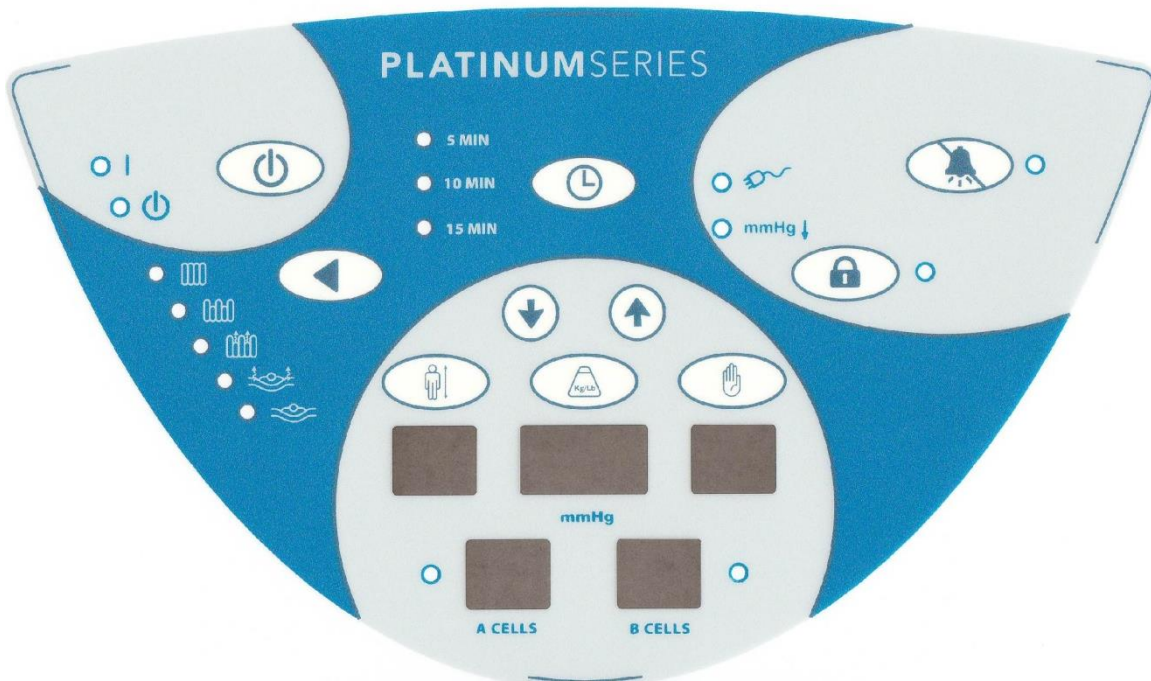
If the patient is to be removed with a transfer lift, set the control unit into Auto Firm mode. Allow the mattress to firm and position the patient into the lift. When the patient has exited the bed, the controller can be turned off.

If the patient can sit up and is mobile, lower the firmness level to the lowest setting and wait for the mattress to soften in the middle. The patient can sit up and the mattress will conform to the body making a more stable platform for patient egress. When the patient has exited the bed, the controller can be turned off.










Patient Care in the Event of a Sustained Power Failure


The controller will maintain the mattress inflation if power is lost. Monitor the patient carefully to prevent injury.


Keypad Quick Reference




The features available on the Platinum 6000™ System front panel are as follows:

-  Power button
-  Power ON mode: selectable from the Power button
-  Standby mode: selectable from the Power button
-  Mode button
-  Auto Firm mode: selectable from the Mode button
-  Alternating Pressure mode: selectable from the Mode button
-  Alternating Pressure & Low Air Loss mode: selectable from the Mode button
-  Immersion & Low Air Loss mode: selectable from the Mode button
-  Immersion mode: selectable from the Mode button

 Cycle Time button: 5, 10 or 15 minutes for Alternating Pressure; selectable from the Cycle Time button


 Power Fail warning light/alarm

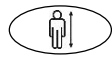
mmHg ↓ Low Pressure warning light/alarm


 Alarm Silence button


 Up button

 Down button

 Lock button

 Patient Height Entry button; adjustable using the Up & Down buttons

 Patient Weight Entry button; adjustable using the Up & Down buttons

 Manual Pressure Adjust button; adjustable using the Up & Down buttons

A/B CELLS Displayed Alternating Channel Pressures

Seven Zones of Bed Rail Entrapment

If the patient would have any clinical conditions that could result in risk of falling or improperly lying in bed, the bed should be left at its lowest setting and in flat position when not attended. Sizewise recommends the use of bed rails if they are available. There are seven zones of bed rail entrapment.



WARNING: Bed rail entrapment is a serious health risk that can result in serious injury or even death. Sizewise recommends the care provider be mindful of the FDA guidelines relevant to bed rail entrapment, as serious injury can result. These guidelines can be found on the FDA website. When using an Air Therapy system the care provider is responsible for ensuring the mattress properly fits the bed frame. It is also the care provider's ultimate decision whether or not to use bed rails with the patient.

Zone 1: Within the Rail

Zone 2: Under the Rail, Between the Rail Supports or Next to a Single Rail Support

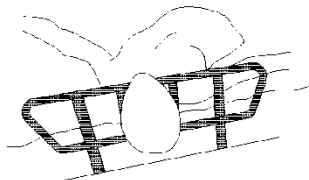
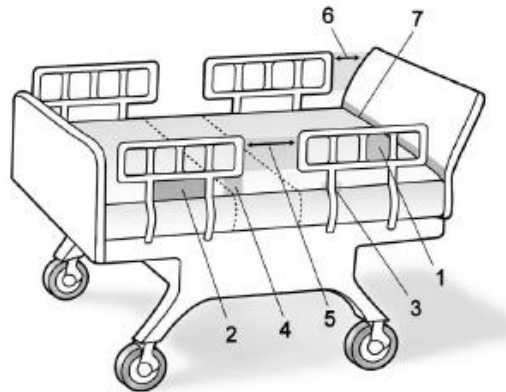
Zone 3: Between the Rail and the Mattress

Zone 4: Under the Rail, at the Ends of the Rail

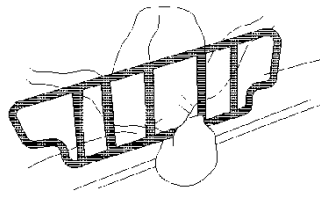
Zone 5: Between Split Bed Rails

Zone 6: Between the End of the Rail and the Side Edge of the Head or Footboard

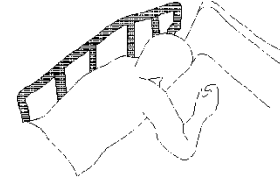
Zone 7: Between the Head or Footboard and the Mattress End



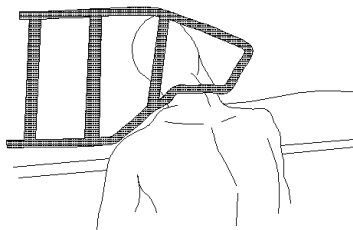
Zone One



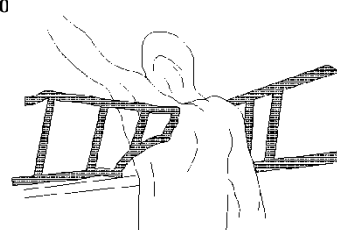
Zone Two



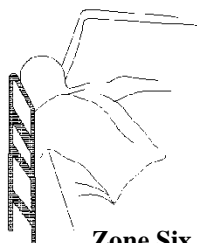
Zone Three



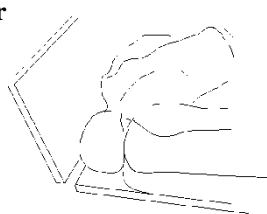
Zone Four



Zone Five



Zone Six



Zone Seven

Mattress Cleaning Instructions

WARNING and CAUTION:



It is recommended that gloves and protective clothing be worn at all times during cleaning and disinfecting.

DO NOT autoclave.

NOTE: Improper cleaning, rinsing or the incorrect use of cleaning agents can lead to premature fabric discoloration and breakdown of the fabric's fluid-resistance, stain-resistance and fabric strength. Properly rinsing all cleaning agents and disinfecting chemicals is a critical step in extending the life of covers on medical mattresses and support surfaces.

Over time, cleaning solutions may cause damage to the integrity of the fabrics used for support surfaces. Cleaning agents that are strong enough to be efficacious cleaners and disinfectants may cause degradation of the same fabrics on which they are being used.

To minimize the negative impact of cleaning agents:

- Contact time must be monitored and kept to the required time identified on the manufacturer's instructions.
- All cleaning solutions must be diluted in accordance with manufacturer's instructions.
- All covers must be rinsed after every cleaning cycle. Rinsing of the support surface covers with clean water as the immediate step after the disinfection process is fundamental to extending the usable life of the covers.

NOTE: Only the outer cover of the mattress requires cleaning and maintenance. Disassembly of the support surface for maintenance of internal components is not recommended. DO NOT use harsh solvents or cleaners. Special care should be used to not puncture the mattress with needles or sharp instruments. This may result in loss of integrity of the mattress cover or internal components.

Recommended EPA Registered Disinfectants:

Wex-Cide 128 (Wexford Labs), EPA Reg. #34810-31

Equipment must be disinfected using an EPA registered, hospital-grade disinfectant, according to the manufacturer's recommendations for use.

Recommended Stain Remover(s):

Stain Away (ABC Compounding)

This stain remover is effective in removing most difficult stains and is intended to be used in its original concentration.

***Clostridium difficile* (C. diff) Prevention:**

Clorox Germicidal Wipes (Clorox Professional Products Company), EPA Reg. #67619-12

These pre-moistened wipes meet the CDC's recommendations for *Clostridium difficile* (C.diff) bacteria, after the manufacturer's recommended "wet contact time".

1. Perform hand hygiene using soap and warm water, or hand sanitizer, and then put on disposable gloves and eye protection.
2. Use wipes to wipe the top and front of head/footboards, hand controls and cords, side rails and mattress top cover, making sure to wipe between the mattress and side rails.
3. Change wipes often to ensure that surfaces remain wet with disinfectant for the manufacturer's required contact time. Used wipes are to be discarded in the trash.
4. Remove disposable gloves and discard in the trash; perform hand hygiene using soap and warm water, or hand sanitizer, and then remove eye protection.

To reduce the discoloration of fabrics and degradation of the sleep surface lining, surfaces must be thoroughly rinsed with clean, fresh water to remove chemical residues immediately after the manufacturer's recommended "wet contact time" has been reached. The use of bleach-based solutions must be avoided whenever possible.

Mattress Top Cover:

Personal Protective Equipment should always be used as directed by the disinfectant's Material Safety Data Sheet.

1. Prepare the disinfectant according to the manufacturer's recommendations.
2. Prepare a separate bucket of warm, fresh water to be used for rinsing the equipment after cleaning/disinfecting procedures are completed as instructed.
3. All surfaces of the mattress are to be wiped using a coarse cloth dampened with the disinfectant, prepared as directed by the manufacturer's recommendations, to remove organic material and visible soil.
4. Allow the mattress shell to remain wet with disinfectant solution for the manufacturer's recommended contact time.
5. Stains on the mattress top cover may be treated using an approved stain remover, according to the manufacturer's recommendations.
6. Rinse all surfaces of the mattress with fresh water and clean cloth to remove chemical and organic residue.

Laundry Instructions

If additional cleaning is necessary, top covers may be removed and laundered using standard hospital disinfectant/detergent. **DO NOT use temperatures in excess of 120°F (49°C).**

1. Set washing machine to Regular Cycle.
2. Pre-soak with disinfectant/detergent in cold water for 10 minutes. **DO NOT USE HARSH SOLVENTS OR CLEANERS.**
3. Main wash cycle: 15 minutes (time dependent on soil level).
4. Rinse cycle: 5 minutes, minimum.
5. Spin/Drain cycle: 5 minutes, minimum.

After washing, the mattress top cover is to be air dried or dried in a dryer at very low or no heat to protect it from heat related damage.

Mattress Base:

1. Prepare the disinfectant according to the manufacturer's recommendations.
2. Prepare a separate bucket of warm, fresh water to be used for rinsing the equipment after cleaning/disinfecting procedures are completed as instructed.
3. All surfaces of the mattress are to be wiped using a coarse cloth dampened with the disinfectant, prepared as directed by the manufacturer's recommendations, to remove organic material and visible soil.
4. Allow the mattress shell to remain wet with disinfectant solution for the manufacturer's recommended contact time.
5. Stains on the mattress base may be treated using an approved stain remover, according to the manufacturer's recommendations.
6. Rinse all surfaces of the mattress with fresh water and a clean cloth to remove chemical and organic residue.
7. After washing, the mattress base must be allowed to air dry.

Air Therapy Internal Mattress Components

1. Prepare the disinfectant according to the manufacturer's recommendations.
2. Prepare a separate bucket of warm, fresh water to be used for rinsing the equipment after cleaning/disinfecting procedures are completed as instructed.
3. Using a clean cloth dampened with the disinfectant solution, wipe all internal mattress surfaces, including the air cells, and allow to remain wet for the manufacturer's recommended contact time.
4. Rinse all surfaces of the air cells with fresh water and clean cloth to remove chemical and organic residue.
5. After cleaning, dry the internal air cells with a clean, dry cloth.
6. After all mattress components are dry, reinstall the top cover.
7. Store the mattress in a "clean" environment until the next use.

NOTE: Only the outer cover of the mattress requires cleaning and maintenance. Disassembly of the support surface for the maintenance of internal components is not recommended. DO NOT use harsh solvents or cleaners. Special care should be used to not puncture the mattress with needles or sharp instruments. This may result in loss of integrity of the mattress cover or internal components.

Cleaning Blood and Other Excretions:

Blood and other excretions should be wiped up while wet, if possible. These substances are more difficult to remove once they have dried to surfaces. Dried blood and other excretions are to be removed using ample disinfectant solution in order to moisten the substance and make it easier to clean.

Control Unit Cleaning Instructions

NOTE: Hand clean only. DO NOT place in sterilization room or chamber.

1. Personal Protective Equipment should be used as directed by the Material Safety Data Sheet for the disinfectant.
2. Prepare the disinfectant according to the manufacturer's recommendations.
3. Turn off the control unit and disconnect it from all electrical power to avoid electrical shock.
4. When cleaning the control unit avoid excessive moisture, especially in areas where there are electrical connections and components, to prevent damage.
5. All surfaces of the control unit and the power cord are to be wiped using a coarse cloth, dampened with the disinfectant solution prepared as directed by the manufacturer's recommendations, to remove organic material and visible soil.
6. Allow the control unit to remain wet with disinfectant solution for the manufacturer's recommended contact time.
7. Rinse all surfaces of the control unit with fresh water and use a clean cloth to remove chemical and organic residue.
8. After cleaning, all surfaces are to be dried with a clean, dry cloth.

Control unit air filters must be cleaned weekly. Replacement of the control unit air filter is recommended every 6 months.

1. Remove the air filter located on the back of the control unit.
2. Clean with prepared disinfectant solution and allow to air dry.
3. Reinstall the filter when dry.

NOTE: To keep equipment working efficiently and effectively for an extended time period, it is essential to make sure the equipment is cleaned regularly and well maintained.

Maintenance



CAUTION: The mattress requires regular maintenance to ensure performance and avoid premature wear, damage and injury.

Check the items on this chart at the indicated intervals. If any of the items are loose, worn, bent or distorted immediately have them checked and/or repaired by an authorized Sizewise technician. Frequent maintenance and servicing will improve performance and extend bed life.

Semi-Permeable Top Cover

The top cover must be in place when the patient is on the mattress and should be removed and laundered periodically for sanitary reasons. Laundering instructions are provided below. Additional top covers are available for laundry rotation. Please contact your Sizewise representative for further information on additional top covers.

The top cover should be wiped off with an EPA registered disinfectant solution, rinsed with fresh water and wiped dry to remove stains and body fluids between launderings. Care providers should take care to make sure the top cover is not damaged by abuse. Protect the top cover and air cells from cigarette burns, sharp objects, tears from sharp objects and pin holes.

NOTE: DO NOT clip or pin items to the top cover such as nurse call cords, patient lines or other cables.

The advanced microclimate top cover is a performance fabric with a polyurethane barrier on the top side and a stretchable membrane on the underside. The polyurethane coating allows air and water vapor to pass through while stopping liquids from penetrating the cover. The cover has a slick and soft surface to minimize shear forces on the skin. The material is very soft to permit easy conformity to the skin surface.

Safety checks must always be carried out on the Platinum 6000™ System, prior to patient use, as follows:

- Verify the cover of the air controller is intact.
- Check for cracks or breakage that would allow liquids to enter.
- Verify the power plug is not damaged and the cord insulation has no damage or cuts.
- Make sure the mattress is properly installed on the bed frame and securely strapped to the frame.
- Make sure all mattress cells fully inflate and are properly connected to the quick disconnect fittings.
- Verify all controller functions operate properly and all display indicators function properly.

All power cords are fastened in a manner to keep them free from moving or pinching parts. At any time parts are replaced, all cords should be secured into proper position to prevent damage.

Storage

Keep the mattress in a clean dry area, away from heat or flames. Store the unit and mattress in a temperature range between 4°C (40°F) and 35°C (95°F). Always store the surface flat on a clean, level surface. Avoid storage of other equipment on top of the support surface. **DO NOT** expose pump unit to moisture or areas of extreme humidity.

Troubleshooting



CAUTION: Only authorized personnel should engage in the troubleshooting process. Troubleshooting by unauthorized persons could result in personal injury or equipment damage.



WARNING: To avoid electrical shock, **DO NOT** open the pump. Refer servicing to qualified personnel only.

If mattress is not inflating:

- Check that the hoses are not punctured, kinked or disconnected.
- Check for proper connections from the hoses to the pump. Make sure they are secure.
- Check or clean air filters.
- Be sure CPR valve on the mattress is closed.

If there is power loss:

- Check the ON/OFF switch.
- Check to be sure that unit is plugged in correctly.
- Unplug the Control Unit and check fuses located near the main ON/OFF switch. Replace as necessary.

NOTE: If the troubleshooting process does not solve the problem please contact a Sizewise representative for service.

Warranty Information

Sizewise Rentals™, LLC (Sizewise) Limited Warranty

Sizewise is dedicated to manufacturing and distributing equipment that provides solution-oriented approaches to exceed the clinical, comfort and safety needs of our customers. Sizewise is proud to offer to the original purchaser, the following warranties, effective February 20, 2012:

Product	Capacity	Parts Warranty	Electronics
Platinum 6000™	600-900 lbs. (272-408 kg)	1 yr. on pump 2 yr. limited on mattress, 90 days on top cover	1 yr. N/A N/A

How to obtain Parts and Service

1. Contact Sizewise Parts and Service at 1-800-814-9389 to speak with a qualified specialist who can assist with troubleshooting, parts and repairs. The product model and serial identification numbers are required for service and parts. Parts can be expedited upon request for an additional fee. If on-site technical service is required, a qualified service representative will be dispatched.
2. If a product or part should be returned to Sizewise, a return authorization number (RA#) will be issued. The RA# will be valid for 21 days from the date it is issued.
3. If the problem is a result of defective material or workmanship, the product or part will be replaced or repaired at the discretion of Sizewise, at no charge to the customer.
4. For replacement or repair of a product or part not covered under this warranty, or if warranty is void, the standard rates will apply. Freight or delivery charges will be billed to the customer.
5. Sizewise products are identified by serial number. Removal of this number may void the warranty.

Limitations and Exclusions

1. Products that have been subject to negligence, abuse, improper storage or handling, improper operation, unauthorized modifications or damages beyond normal wear and tear, as determined by Sizewise, are not covered by this warranty.
2. If weight capacity on any such product is exceeded, the warranty will be void. Any unauthorized repairs to product/part, as well as tampering with any components, will void the warranty.
3. Parts or materials that are subject to normal wear resulting from the use of these products that must be replaced or repaired are excluded and are not covered by this warranty.
4. **SUBJECT TO STATE SPECIFIC LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND SHALL NOT EXTEND BEYOND THE DURATION OF THIS WARRANTY. SIZEWISE SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES.**
5. This warranty applies to the original purchaser only and is non-transferable.
6. Air Support limited warranty includes two (2) years on air cell welds, one (1) year on bottom cover, manifold and foam base, and ninety (90) days on the mattress top cover. All parts found defective within that period shall be repaired and/or replaced at the discretion of Sizewise, at no charge to the original purchaser.
7. Cleaning upholstery or fabrics with harsh chemicals, or bleach, outside the recommended cleaning guidelines may void the warranty.

User Assistance Information

For questions or assistance with this product, contact Sizewise at:

Sizewise
1600 Genessee
Suite 950
Kansas City, Missouri 64102
Phone: 1-800-814-9389



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1600 Genessee
Suite 950
Kansas City, Missouri 64102
Phone: 1-800-814-9389
sizewise.net

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