

User Manual

Sizewise NPT3™



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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, caregiver and/or patient.

Device Information

Description of the Device

The system consists of a non-skid mattress base, a series of foam filled air chambers, encased in a foam cavity, and a low friction, anti-shear top cover. A gel-infused viscoelastic comfort layer foam topper is laminated to the top of the foam cavity and serves as the support surface underneath the patient. The foam cavity also includes bolsters at the sides and ends of the mattress, providing added patient stability and positioning. The system also includes a tapered heel section that is designed to further reduce pressure for the sensitive heel area. The air cells run laterally within the mattress. The optional air pump connects to the mattress at the patient foot end.



CAUTION: Use of NPT3™ is only one element of care in the prevention and treatment of pressure injuries. Frequent repositioning, proper care, routine skin assessment, wound treatment and proper nutrition are but a few of the elements required in the prevention and treatment of pressure injuries. As there are many factors that may influence the development of a pressure injuries for each individual, the ultimate responsibility in the prevention and treatment of pressure injuries is with the health care professional.

Purpose of the Device

NPT3 non-powered system provides non-powered zoned pressure redistribution or alternating pressure redistribution when utilizing a control unit. These systems are used for the prevention and treatment of pressure injuries. NPT3 consists of air cylinders that run laterally underneath the body and are contained in a foam cavity. On top of the air cells is a gel-infused thermal neutral foam. This foam creates a positive temperature interface for an optimal microclimate environment and has the ability to rapidly dissipate or absorb heat whichever is determined to be needed. Temperature-controlled memory foam provides for greater patient comfort and improved patient satisfaction.

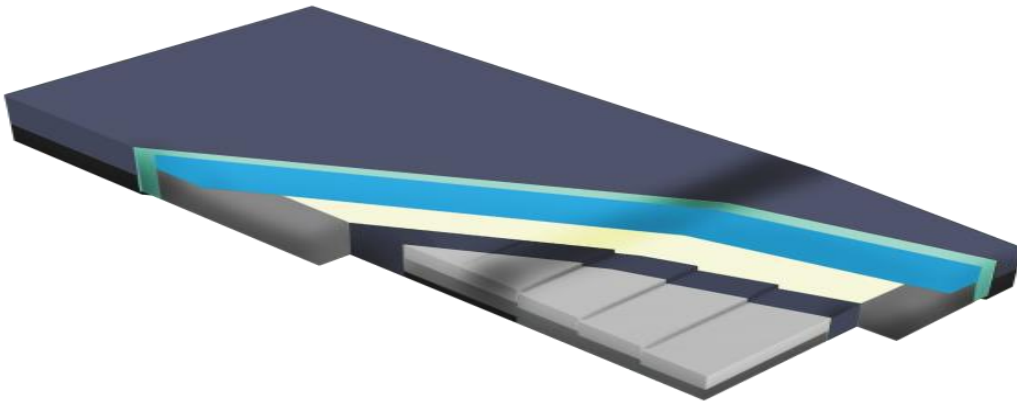
The heel section of the mattress is tapered to further reduce pressure for the sensitive heel area. Both the air flotation system and the foam top surface aid in pressure redistribution and in maintaining low interface pressures throughout the surface. The optional alternating model comes with a quiet, energy-efficient pump that provides a 10, 15, 20 or 25 minute cycle time designed to maintain low interface pressures throughout the mattress, while redistributing peak pressures as the cycle alternates. The inflation levels are designed to maintain low interface pressures throughout the mattress at all times. The surface is also designed to be effective during treatment of pressure injuries by preventing further tissue breakdown.

The cover material is bacteriostatic, flame-resistant, fluid-resistant, tear-resistant, cleanable and replaceable. Since the cover does not allow fluids to penetrate the surface, maintenance is minimal. Clean and disinfect the outer surface using the cleaning protocol in this manual.

Indications for Use

The NPT3 will provide pressure redistribution for individuals at risk for pressure injuries development. The polycarbonate top cover working in conjunction with the Mattress Asset Protection (MAP™) Liner will reduce shear as the patient is repositioned or transferred. Phase changing gel induced in the memory foam topper will enhance microclimate control and patient comfort by keeping a thermal neutral surface temperature of 85-87 degrees. Those patients at higher risk for pressure injuries development may be managed by adding the legacy pump feature. This will convert the mattress to an active alternating surface.

Specifications



Dimensions

32" Mattress	7" X 32" X 80" / 17.5 cm X 81 cm X 203 cm
35" Mattress	7" X 35" X 75" / 17.5 cm X 89 cm X 191 cm
	7" X 35" X 80" / 17.5 cm X 89 cm X 203 cm
	7" X 35" X 84" / 17.5 cm X 89 cm X 213 cm
39" Mattress	7" X 39" X 80" / 17.5 cm X 99 cm X 203 cm
42" Mattress	7" X 42" X 80" / 17.5 cm X 107 cm X 203 cm
48" Mattress	7" X 48" X 80" / 17.5 cm X 122 cm X 203 cm
54" Mattress	7" X 54" X 80" / 17.5 cm X 137 cm X 203 cm
60" Mattress	7" X 60" X 80" / 17.5 cm X 152 cm X 203 cm

Weight Capacity

32" Mattress	500 lbs. / 227 kg
35" Mattress	500 lbs. / 227 kg
39" Mattress	750 lbs. / 340 kg
42" Mattress	750 lbs. / 340 kg
48" Mattress	1,000 lbs. / 454 kg
54" Mattress	1,000 lbs. / 454 kg
60" Mattress	1,000 lbs. / 454 kg

Physical Characteristics

Air Cells 70 Denier Nylon / Polyurethane Foam Filled
Foam High-Density Polyurethane Open Cell Foam

Mattress Cover

Extreme Polycarbonate is a polycarbonate-polyurethane material blend that offers a bacteriostatic, flame-resistant, fluid-resistant and tear-resistant mattress cover. Extreme polycarbonate has a superior chemical resistance to withstand hospital cleaning protocols without compromising the integrity of the fabric. Extreme polycarbonate resists breakdown with most disinfectants and cleaners based on chlorine, alcohol, peroxide, quaternary ammonium, chloramine, and phenol.

Control Unit (optional)

Provides a 10, 15, 20 or 25 minute cycle time designed to maintain low interface pressures throughout the mattress, to redistribute peak interface pressures during the cycle and to further relieve peak pressure points as the cycle alternates.

Unpacking and Setup Instructions

Unpacking/Parts Breakdown

- Gel-infused Thermal Neutral Foam Topper:** A layer of high-density viscoelastic memory foam for added patient comfort is laminated to a polyurethane foam layer that is then laminated to the foam cavity.
- Foam Cavity:**A foam cavity is used to contain the air cells and stabilize the entire surface. This foam cavity provides added edge support and is tapered at the foot end to provide additional pressure relief in the heel section.
- MAP™ Liner:**.....An inner liner that is below the mattress top cover, but above the foam construction. The liner is a safe, simple and secure method of protecting medical mattresses from contamination risks in order to safeguard against patient infection.
- Air Cells:**Twelve foam-filled polyurethane air cells are divided into three separate pressure zones. By utilizing different foam densities (firmness types) the air cells are specifically designed to meet the pressure needs for the different zones of the body.
- Cover:**.....The bacteriostatic top fabric is fire-resistant, fluid-resistant, tear-resistant, cleanable and replaceable. It consists of a polycarbonate/polyurethane cover or a 4-way stretchable cover.
- Mattress Height:**.....The total pressure management surface height is 7" (18 cm).
- Friction/Shear:**All cover choices serve to reduce friction and shear.
- Replacement Mattress:**The mattress can be placed directly on a hospital bed frame.
- Pressure Management:**This replacement mattress system is designed to provide pressure management in the prevention and treatment of pressure injuries.
- Fire Barrier:**Internal fire barrier encases internal components in order to meet all currently designated fire safety codes.

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.

Setup on Sizewise Bed Frames

Follow these steps for installation on Sizewise (and most non-Sizewise) bed frames:

1. Verify mattress is the correct size for the bed frame top deck. Refer to Side Rail Entrapment Guidelines. (See Table of Contents)
2. Place bed frame in flat position.
3. Install the mattress with the sloped heel section toward the foot of the bed.
4. Optional connect control unit and perform safety checklist in maintenance section. (See Table of Contents)
5. Disinfect mattress prior to patient use. Refer to Mattress Cleaning Instructions (See Table of Contents)

Warnings or Safety Instructions relating to setup:

NOTE: Use of NPT3 is only one element of care in the prevention and treatment of pressure injuries. Frequent repositioning, proper care, routine skin assessment, wound treatment and proper nutrition are but a few of the elements required in the prevention and treatment of pressure injuries. As there are many factors that may influence the development of a pressure injuries for each individual, the ultimate responsibility in the prevention and treatment of pressure injuries is with the health care professional.



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



Operating Instructions

Modes of Operation

NPT3 provides static non-powered pressure redistribution. Using the optional control unit provides alternating pressure in 10, 15, 20 or 25 minute cycle times.

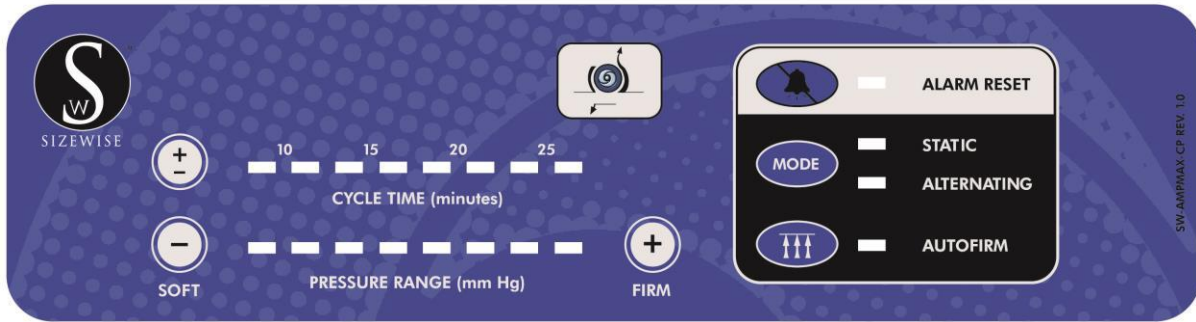
1. Place the mattress on the bed frame with the sloped heel zone and connectors at the foot of the bed.
2. If using the control unit, hang unit on the end of the bed using the hangers, or place on a stable horizontal surface. (Do not place the control unit on the floor!)

To connect the control unit, insert the connectors at the end of the external manifold into the corresponding connectors on the side of the mattress. Ensure the hoses are not "kinked" or "twisted". Push in securely until a "click" sounds. Next connect the opposite end of the hose assembly to the control unit.

Optional Control Unit Operation

1. Turn Master Power switch to the ON position. A beep will sound at start of operation.
2. When power is turned ON, the control unit will indicate Alternating Pressure mode. It will first inflate all mattress air cells to 30mmHg and then enter Alternation mode.
3. The alternating cycle time and pressure level are preset to the middle settings. Select from the touch panel to adjust the cycle time and pressure level. It is recommended to set the pressure level at a low setting.
4. For quick deflation:
 - a. Turn power OFF.
 - b. Remove the hoses from the control unit.
5. Low Pressure alarm
 - a. The Low Pressure alarm will sound if the mattress has not reached 30mmHg after 45 minutes when first turned on.
 - b. During normal operation the unit will constantly monitor air pressure. If the unit senses a drop in pressure after reaching an input setting, the alarm will beep and the LED will come on.
 - i. Press the Alarm Reset button to silence the audible alarm. The LED will start blinking. Press the Alarm Reset button again to turn the audible alarm back on and the LED will remain constantly on.
6. Autofirm
 - a. Press the autofirm button to automatically inflate the mattress to the maximum level. The pressure will return to a previously set level after 30 minutes.

Keypad Quick Reference



Alarm Reset
Resets the audible alarm.



Cycle Time
Press to change the cycle time.



Mode
Push to select either Static or Alternate therapy mode.



Soft
Press to decrease firmness to the mattress.



Autofirm
Quickly inflates mattress to maximum firmness. Unit returns to previous setting after 30 minutes.



Firm
Press to increase firmness to the mattress.

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, if/when using NPT3 with optional pump. The mattress should be set in autofirm 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
 - a. 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 on NPT3, place a 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 autofirm Mode, if/when using NPT3 with optional pump.

To reposition the patient, change the control unit to autofirm Mode. This makes the mattress surface firm and facilitates the repositioning of the patient with less strain on the caregiver. 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

When the head of the bed 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, if/when using NPT3 with optional pump. Observe the patient for a short time after raising the head of the bed to make sure the buttocks and thigh areas are not “bottomed out”. See the above section “Placing the patient on the mattress surface”.

Prone Position

Do not leave a patient positioned prone on the mattress surface. The decision to position a patient prone should be at the discretion of the facility's medical staff.

Bedpan Placement and Removal

Position the patient's hips over the center of the mattress. Using Static Mode, lower the pressure setting with the Firm/Soft button, if/when using NPT3 with optional pump. 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 Static mode and wait for the mattress to completely re-inflate before activating alternating pressure mode again.

NOTE: Always remove the bedpan before entering the Alternating Pressure mode.

Removing the Patient from the Mattress Surface

If the patient is to be removed with a lift and transfer, set the control unit into autofirm mode, if/when using NPT3 with optional pump. Allow the mattress to firm and position the patient into the lift. When the patient has exited the bed, the control unit 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 control unit can be turned off.

Safety Tips

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 caregiver be mindful of the most up-to-date FDA guidelines relevant to bed rail entrapment, as serious injury can result. When using an Air Therapy system the caregiver 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

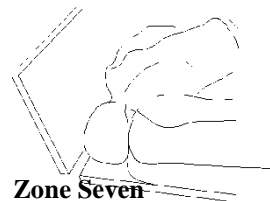
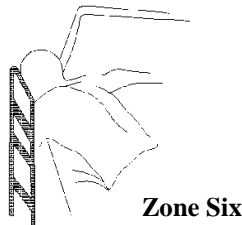
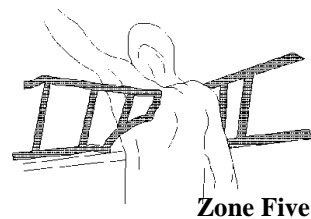
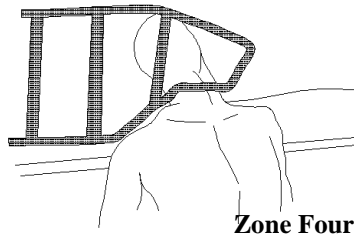
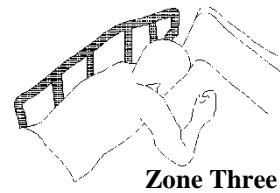
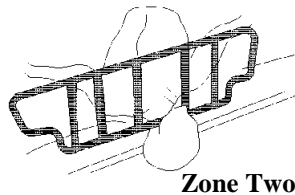
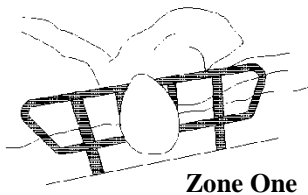
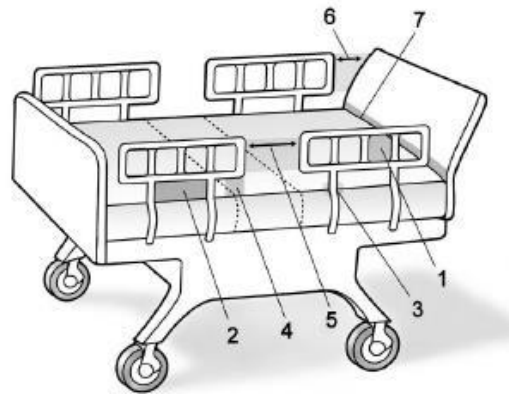
Zone 3: Between the Rail and the Mattress

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



Storage and Disposal

Always store the surface flat on a clean, level surface. Avoid storage of other equipment on top of the support surface. DO NOT expose the control unit to humidity greater than 95%.

End-of-life Sizewise products must be disposed of properly according to local laws and regulations. Please contact Sizewise or your local authorities for disposal and recycling options.

Important Safety Instructions

Unpacking and Setup Instructions

- Keep out of direct sunlight.
- (110V unit ONLY) Ensure the power cord is plugged into a properly grounded AC 110V outlet.

Safety Tips

- Medical equipment should not be used, stacked or located on or around equipment that may create electromagnetic interferences.
- Using other manufacturers' cables and accessories may affect EMC performance. Unauthorized use of these items will void warranty and could result in patient and/or user injury as well as damage to equipment or other property.
- The use of cables or accessories other than those for which the blower was designed or tested can significantly degrade emissions and immunity performance.
- DO NOT use the device if the power cord is cut, frayed or loosely connected.

Mattress Cleaning Instructions

- It is recommended that gloves and protective clothing be worn at all times during cleaning and disinfecting.
- DO NOT autoclave.
- 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 control unit. Refer servicing to qualified personnel only.

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.

Polycarbonate/Polyurethane Mattress Top Cover

The polycarbonate/polyurethane material is resistant to a wide variety of hospital cleaners and resists breakdown with disinfectants and cleaners based on chlorine, alcohol, peroxide, quaternary ammonium, chloramine and phenol.

Personal Protective Equipment (PPE) 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 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.
- **No Abrasives:** Abrasive cleaners and abrasive cleaning devices (scouring sponges) will dramatically reduce the life of any polyurethane surface. **Do Not Use Solvents!**
 - **Follow Dilution Recommendations:** One of the most significant errors in cleaning mattress surfaces is not diluting a cleaner according to manufacturer recommendations. Most surface cleaners are sold in concentrated forms and are intended to be diluted, usually with a large percentage of water. Failing to do this can shorten the life of the mattress surface significantly.
 - **Rinse After Using A Cleaning Agent:** When you wipe across a surface with a cleaner/chemical strong enough to kill bacteria, you must rinse afterward. Leaving the cleaner to dry on the surface will shorten its lifespan.

NOTE: To ensure that approved chemical agents are being used for the polycarbonate/polyurethane, contact your Sizewise representative.

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

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.

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.

NOTE: DO NOT attempt to clean HEPA filters, as they are to be removed and replaced only.

Factory filter ONLY

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

1. Remove vented filter cover and factory filter.
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 product life.

	Weekly	One Month	Three Months
Factory Filter	X		
HEPA Filter		X	
Top Cover		X	
Mattress Base		X	X
Mattress Connections			X
Control Unit Operation			X
Power Cord			

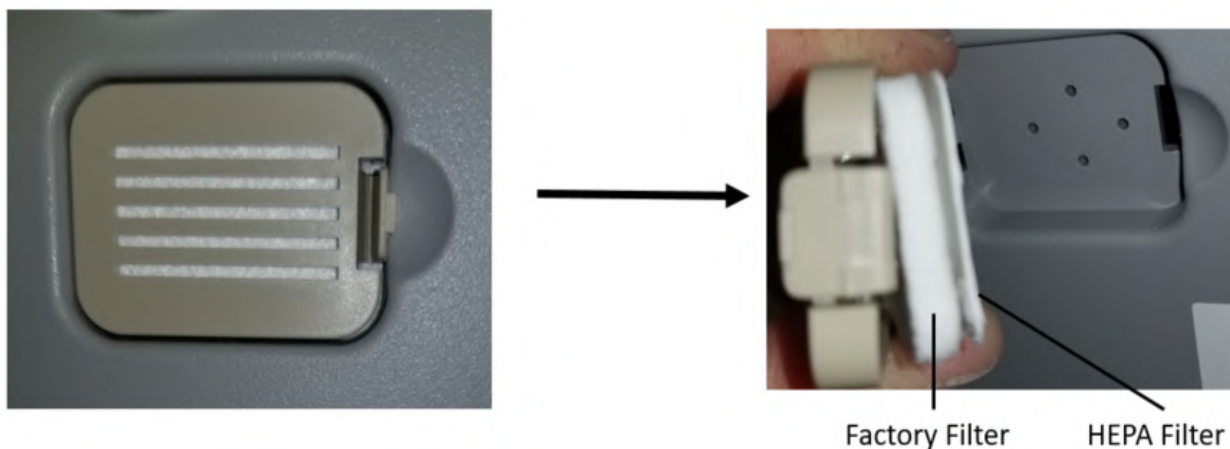
The following is an equipment safety checklist that can be used with the maintenance chart to maintain and service this product:

- Inspect top cover for punctures, rips, tears or damage.
- Inspect mattress base for punctures, rips, tears or damage.
- Connect the control unit and verify proper operation (if installed).
- Ensure air filter is clean and properly installed into control unit (if installed).
- Ensure mattress is clean/disinfected and patient ready.

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.

Factory Filter

The factory filter must be cleaned weekly with disinfectant solution (see cleaning section). Replacement of the factory filter is recommended every 6 months.



HEPA Filter

HEPA: (High Efficiency Particulate Air) filter.

NOTE: HEPA filters aid in contamination control for facilities. HEPA filters do not filter out gases and odor molecules such as chemical vapors and cigarette smoke.

NOTE: HEPA filter must be used in conjunction with the manufacturer supplied filter. DO NOT attempt to install HEPA filter without the original equipment filter.

NOTE: Ensure factory filter is completely dry before placing HEPA filter in unit.

NOTE: The HEPA filter is to be installed in applicable models and pumps in conjunction with the next factory filter cleaning procedure.

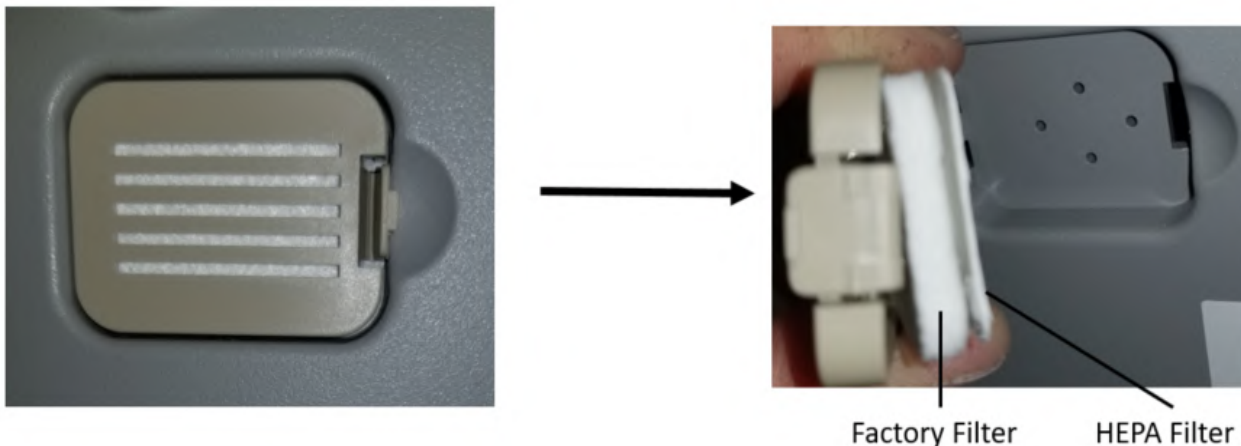
Installation

NOTE: Installation and/or handling of HEPA filter requires PPE. Service personnel should wear a mask, gloves, and protective clothing to avoid exposure to possible contaminants.

NOTE: Tools are not required for installation of HEPA filter.

NOTE: Ensure unit is off and/or removed from power source prior to servicing or replacement of filter or HEPA filter.

- Locate and remove vented filter cover.
- Remove factory filter from filter cavity.
- Ensure HEPA filter is clean.
- Place HEPA filter on front of factory filter.
- Re-install filters in filter cavity.
- Re-install vented filter cover.



HEPA Filter

Maintenance

NOTE: DO NOT MODIFY HEPA filter for installation. Order filter from Sizewise to receive filter with correct dimensions.

NOTE: DO NOT attempt to clean HEPA filters, as they are to be removed and replaced only.

- HEPA filters must be replaced monthly.
- Follow Installation procedure for monthly replacement of HEPA filter.

Troubleshooting

Problem	Cause	Solution
Reduced Air flow	Possible clogged filter	Replace HEPA filter
Excessive noise	Possible obstruction Clogged filter	Ensure no obstructions Replace HEPA filter
Odor	Excessive contaminants in HEPA filter	Replace HEPA filter

Storage

If you store your product for more than 30 days, we recommend:

- Remove HEPA filter.
- Place HEPA filter in an air-tight plastic bag or plastic wrap ensuring filter is sealed to prevent exposure to outside contaminants.
- When you wish to operate product, reinstall HEPA filter.

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 control unit. 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 control unit. Make sure they are secure.
- Check air filters on back of control unit and clean if necessary

If there is power loss:

- Check the ON/OFF switch.
- Check power cord for any damage.
- Unplug the Control Unit and check fuses located near the main ON/OFF switch. Replace fuse/s as necessary.

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

Warranty Information

PLEASE READ THESE WARRANTY TERMS AND CONDITIONS CAREFULLY BEFORE USING YOUR SIZEWISE PRODUCT. BY USING THE PRODUCT, YOU ARE CONSENTING TO BE BOUND BY THE FOLLOWING WARRANTY TERMS AND CONDITIONS.

LIMITED WARRANTY.

Sizewise Rentals, L.L.C. ("Sizewise") warrants the above referenced product to be free from material defects in materials and workmanship for the warranty periods set forth below when the product is used and serviced properly in accordance with the specifications set forth in the Sizewise owner's manual in effect at the time of sale of the product, including without limitation compliance with the safe working load set forth therein. If there is no period of time specified below, the warranty period shall be ninety (90) days. The warranty periods commence on the invoice date of the original purchase. This warranty applies only against defects discovered within the warranty period and extends only to the original purchaser or designated original end user of the product ("Buyer"). Parts repaired or replaced under the terms of this warranty will be warranted for the remainder of the original warranty period only. Buyer is solely responsible for determining whether the products and services offered by Sizewise are appropriate for its intended use including use by Buyer's employees, invitees, contractors, representatives, third party beneficiaries, or any other person Buyer intends to use the product. Buyer acknowledges it has made the selection of the products based upon its own judgment and that the product is of a size, design, capacity, condition, quality, durability selected by Buyer. Buyer expressly disclaims any reliance upon any statements or representations made by Sizewise or any other party on its behalf except as otherwise specifically provided for in this Limited Product Warranty. Buyer acknowledges and agrees that the remedy in this warranty for the repair and replacement of defective product or part(s) shall constitute the sole remedy in the event of a defective product or part(s). **THE WARRANTY GIVES BUYER SPECIFIC LEGAL RIGHTS, AND BUYER MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.** Sizewise's obligations under this warranty are limited as set forth below.

WARRANTY PERIOD AND COVERAGE.

AIR SYSTEM - if within first 36 months from the date of purchase a defect is found in material or workmanship, Sizewise will inspect and repair or replace the product at no charge. If within months 37 through 60, a defect is found in material or workmanship, Sizewise will inspect and repair or replace the defective item at a charge not to exceed 50% of the prevailing retail price at the time of return.

TOP COVER, BOTTOM COVER, FOAM CAVITY AND FOAM COMFORT LAYERS - if within the first 24 months from the date of the purchase, a defect is found in material or workmanship, Sizewise will inspect and repair or replace the product at no charge. During the normal use of a product, fabrics may stretch and foam layers may discolor and lose some resiliency. This warranty does not cover changes in materials from normal use.

MAP™ LINER – if within the first year 12 months of the date of purchase a defect is found in materials or workmanship on any MAP™ Liner, Sizewise will inspect or replace it at no charge.

RF WELDED SEAMS - if within the first 60 months of the date of purchase a defect is found in the materials or workmanship on any RF Welded air cell seam, Sizewise will inspect and repair or replace the RF welded component at no charge.

ELECTRONIC COMPONENTS -the optional control unit is covered by a separate 1 year warranty. Refer to the Control Unit User Manual for warranty details.

For the warranty coverage stated herein, Buyer will be responsible for the expense of shipping or delivering the defective component and/or product to Sizewise's factory, as well as, the cost of returning the replacement or repaired item. Any mattress that is returned and is deemed non-safe (due to bodily fluids and excrements) will be discarded and no credit given. The warranty is void if the manufacturer's tag is removed.

CONDITIONS AND RESTRICTIONS.

This warranty is valid only in accordance with the conditions set forth below:

- The warranty applies to this Sizewise product only while:
 - o it remains in the possession of the Buyer and proof of purchase is demonstrated,

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- o it has not been subjected to accident, misuse, abuse, improper service, or modification,
- o claims are made within the warranty period.
- This warranty does not apply to any other products or devices sold separately regardless of whether used with this product. Such other products or devices will be subject to the separate limited product warranty set forth in the user manual for such product or device.
- Sizewise's sole liability shall be discharged by replacing or repairing, at Sizewise's option, the product or its part or parts which are determined by Sizewise to be defective under normal and proper use during the warranty period.
- Buyer shall notify Sizewise or the authorized Sizewise dealer immediately but in no event more than seven (7) days after the date of discovery of any alleged defect by contacting Sizewise Parts and Services at 1-800-814-9389 Monday through Friday 8am – 5pm local time.
- If the product or part should be returned to Sizewise, a return authorization number (RA#) must be obtained by Buyer from Sizewise. The RA# will be valid for 21 days from the date it is issued.
- Buyer is responsible for any shipping, freight, handling, pickup or delivery charges or fees including without limitation any expediting fees involved with the delivery of the defective product or parts to Sizewise's factory for repair or replacement.
- If onsite technical service is required, a service representative will be dispatched during Sizewise's standard service hours Monday through Friday 8am - 5pm local time and provided the product is located within Sizewise's service territory.
- If Sizewise determines the problem with the product or part(s) is a result of defective material or workmanship, the product or part will be replaced or repaired at the discretion of Sizewise, and at no charge to the Buyer however subject to the limitations and exclusions of this Limited Product Warranty.
- At the election of Sizewise, replacement parts may be new or refurbished; and Sizewise reserves the right to substitute materials if original materials are no longer available.
- If Sizewise determines the product or part that Buyer has requested warranty services on are not covered by the warranty for any reason including without limitation because it is outside of the warranty period, excluded from the warranty or the warranty is void, Buyer shall pay for the repair or replacement services, including parts and labor performed by Sizewise at Sizewise's prevailing time and material rates plus freight and delivery.
- If Buyer declines the repair or replacement service upon notice from Sizewise it is not covered under warranty, Buyer shall reimburse Sizewise for all costs from investigating and responding to Buyer's request.
- Any costs to Buyer as referred to herein shall be at Sizewise's prevailing time and material rates plus any freight and delivery charges incurred by Sizewise.
- Any assistance provided by Sizewise outside the terms of this warranty does not waive the limits of this warranty.
- Sizewise does not pay labor outside the United States.
- Any description of Sizewise's products is for identification purposes only and is not an express warranty.
- Loaned products, demo or sample products and/or consumable products including without limitation batteries and sheets are furnished to Buyer on an "AS IS WITH ALL FAULTS" basis.

EXCLUSIONS AND LIMITATIONS

This Limited Product Warranty shall not apply to, and Sizewise shall have no obligation to make repairs, replace or correct products including any part or parts of the product as the result of Sizewise's determination of any of the following:

1. Software (PROM) or firmware version upgrades or updates or any other changes and/or any outages, interruptions, delays, attacks, malware, or any other technology or viruses on such software or firmware or Buyer's network, if applicable to this product.
2. Normal wear and tear of the product including without limitation normal discoloring, body impressions on mattresses or loss in some resiliency, if applicable to this product, and cosmetic items, consumable items including without limitation mattresses, casters, sheets, handsets and batteries.
3. Damage due to improper transport, storage, installation, maintenance, use, repair or failure to follow Sizewise's instructions or procedures as detailed in the owner's manual.
4. Damage or malfunctions resulting from work performed by service providers not authorized by Sizewise.
5. Repairs performed on a Sizewise product or parts missing a serial number or with a serial tag that has been altered, tampered with or defaced in any manner.
6. Service calls to correct installation of the product unless installed under contract by Sizewise or its partners and in which event the terms of the service contract only shall apply to service installation corrections.

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7. Shipping, freight, handling, pickup and delivery charges or fees involved with delivery of the products and or part(s) to Sizewise's factory for repair or replacement and returning the replacement or repaired products and/or parts to Buyer.
8. Any labor costs incurred beyond the applicable labor warranty period.
9. Damage or product failure from causes external to the product or part(s) including without limitation power or electric failure or surges, electrical wiring not in compliance with electrical codes or Sizewise owner's manual specifications.
10. Damage caused by failure to provide reasonable and necessary maintenance as outlined in the owner's manual.
11. Damage caused by the use, misuse, negligence, loss, abuse of the product or any parts by Buyer including, without limitation, any third party beneficiaries, end user or other persons Buyer intends to use the product, including without limitation (except Sizewise or an authorized Sizewise service provider):
 - a. exceeding the safe working load on this product or any specific weight capacity for a part,
 - b. cleaning upholstery or fabrics with harsh chemicals, or bleach, outside the recommended cleaning guidelines,
 - c. altering, tampering with, or modifying in any manner without the express written consent of Sizewise any part(s) or structural components or appurtenances of the products,
 - d. use of the product or part(s) in a manner for which it is not designed or in any manner inconsistent with the information set forth in the Sizewise owner's manual, including without limitation, use with other devices or ancillary products for which it was not intended.
12. Exposure of the product or part(s) to, whether foreseen or unforeseen, accident, acts of God, or natural causes (such as natural disasters, fire, flood, wind, water or power failures, acts or threats of terrorism).
13. Operation of the product beyond its normal useful life.
14. Buyer's failure to show proof of purchase.
15. Products or items not manufactured by Sizewise, rather for products or items obtained by Sizewise from an original manufacturer or third party supplier Sizewise may assign to the Buyer any warranty rights in such products or items that Sizewise may have from the original manufacturer or third party supplier, to the extent such assignment is allowed by the original manufacturer or third party supplier.

DISCLAIMER AND RELEASE.

The warranties provided herein are the exclusive warranties given by Sizewise and supersede any prior, contrary or additional representations or warranties, whether oral or written. **EXCEPT FOR THE EXPRESS WARRANTIES IN THIS LIMITED PRODUCT WARRANTY, SIZEWISE DISCLAIMS ANY AND ALL OTHER WARRANTIES WHETHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING, USAGE OF TRADE, OPERATION OF LAW OR OTHERWISE WITH RESPECT TO ANY PRODUCT, SERVICES, PARTS INCLUDING REPAIRED OR REPLACED PRODUCTS AND PARTS. ARE HEREBY DISCLAIMED AND EXCLUDED. Sizewise ALSO HEREBY DISCLAIMS AND EXCLUDES ALL OTHER OBLIGATIONS OR LIABILITIES, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, WITH RESPECT TO ANY NONCONFORMANCE OR DEFECT IN ANY PRODUCT OR PART(S), INCLUDING BUT NOT LIMITED TO: (A) ANY OBLIGATION, LIABILITY, RIGHT, CLAIM OR REMEDY IN TORT, WHETHER OR NOT ARISING FROM THE NEGLIGENCE OF SIZEWISE OR ITS SUPPLIERS (WHETHER ACTIVE, PASSIVE OR IMPUTED); AND (B) ANY OBLIGATION, LIABILITY, RIGHT, CLAIM OR REMEDY FOR LOSS OF OR DAMAGE TO ANY PRODUCT OR PART(S). THIS DISCLAIMER AND RELEASE SHALL APPLY EVEN IF THE EXPRESS WARRANTY SET FORTH ABOVE FAILS OF ITS ESSENTIAL PURPOSE.**

Exclusive Remedies.

For any product described above that Sizewise determines to have failed to conform to its warranty, Sizewise will provide, at its option, one of the following:

- (1) repair;
- (2) replacement; or
- (3) refund of the purchase price.

Sizewise Limited Product Warranty service may be obtained by contacting Sizewise or the authorized dealer from whom Buyer purchased the item. Sizewise compensates only Sizewise authorized service providers for warranty trips within their normal service area to repair commercial products at the customer's location.

THESE SHALL BE THE SOLE AND EXCLUSIVE REMEDIES OF THE BUYER FOR ANY BREACH OF WARRANTY.

EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

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SIZEWISE AND/OR ITS SUPPLIERS SHALL HAVE NO OBLIGATION OR LIABILITY, WHETHER ARISING IN CONTRACT (INCLUDING WARRANTY), TORT OR ANY OTHER LEGAL THEORY (INCLUDING ACTIVE, PASSIVE, OR IMPUTED NEGLIGENCE AND STRICT LIABILITY), OR OTHERWISE, FOR DAMAGE TO THE PRODUCT INCLUDING PART(S), PROPERTY DAMAGE, DEATH, PERSONAL INJURY, LOSS OF USE, GOODWILL, REVENUE OR PROFIT, COST OF CAPITAL, COST OF SUBSTITUTE PRODUCT, ADDITIONAL COSTS INCURRED BY BUYER (BY WAY OF CORRECTION OR OTHERWISE) OR ANY OTHER INCIDENTAL, SPECIAL, INDIRECT, COMPENSATORY OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION WHETHER RESULTING FROM NONDELIVERY, USE, MISUSE OR INABILITY TO USE THE PRODUCT, SERVICES OR PART(S). THIS EXCLUSION APPLIES EVEN IF THE ABOVE WARRANTY FAILS OF ITS ESSENTIAL PURPOSES AND REGARDLESS OF WHETHER SUCH DAMAGES ARE SOUGHT FOR BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, OR STRICT LIABILITY IN TORT OR UNDER ANY OTHER LEGAL THEORY. SIZEWISE LIABILITY SHALL BE LIMITED TO THE AMOUNT PAID BY BUYER FOR THE RELEVANT PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSION ON SUCH MAY NOT APPLY.

EXTENDED WARRANTY. If the product covered under the Limited Product Warranty set forth herein had from Sizewise an extended warranty option made available only at the time of the Buyer's original purchase from Sizewise, Buyers who then also purchased such extended warranty, and have proof of such purchase, may extend the warranty period stated above in the Limited Product Warranty on parts, electronics, frame and labor relating to parts, electronics and frame repairs, as applicable, for an additional one (1) or two (2) years, whichever extension is purchased by Buyer ("extended warranty period"). Other than the extension on the warranty period, all other terms of the limited product warranty including without limitation the conditions and restrictions, exclusions and limitations, disclaimer and release, and exclusion of consequential and incidental damages of the original limited product warranty apply during the extended warranty period. For the purpose of clarity an extended warranty is not available where the original warranty period is less than one (1) year, and an extended warranty may only be purchased by Buyer at the time of the original purchase of the product from Sizewise.

To make a warranty claim, contact:

SIZEWISE
8601 MONROVIA ST.
LENEXA, KS 66215
1-800-814-9389 Monday through Friday 8am - 5pm local time

Complete this portion and keep for your records.

Purchased From: Sizewise

Product/model: _____

Serial number: _____

User Assistance Information

For questions or assistance with this product, contact:

Sizewise
8601 Monrovia St.
Lenexa, KS. 66215
Phone: 1-800-814-9389



SIZEWISE

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8601 Monrovia St.
Lenexa, KS 66215
Phone: 1-800-814-9389
sizeWise.com

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