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Patient Positioning Systems, LLC
3003 West 11th, Suite 143
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FOR USE BY TRAINED
PERSONNEL ONLY

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS



Medical Innovation
Consulting
Hofrat-Glenck-
Strasse 6,
74206 Bad
Wimpfen
Germany

USER MANUAL



MODELS 3060-500-028, 3060-500-032,
3060-500-046
3061-120-028, 3061-120-032,
3061-120-046

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS

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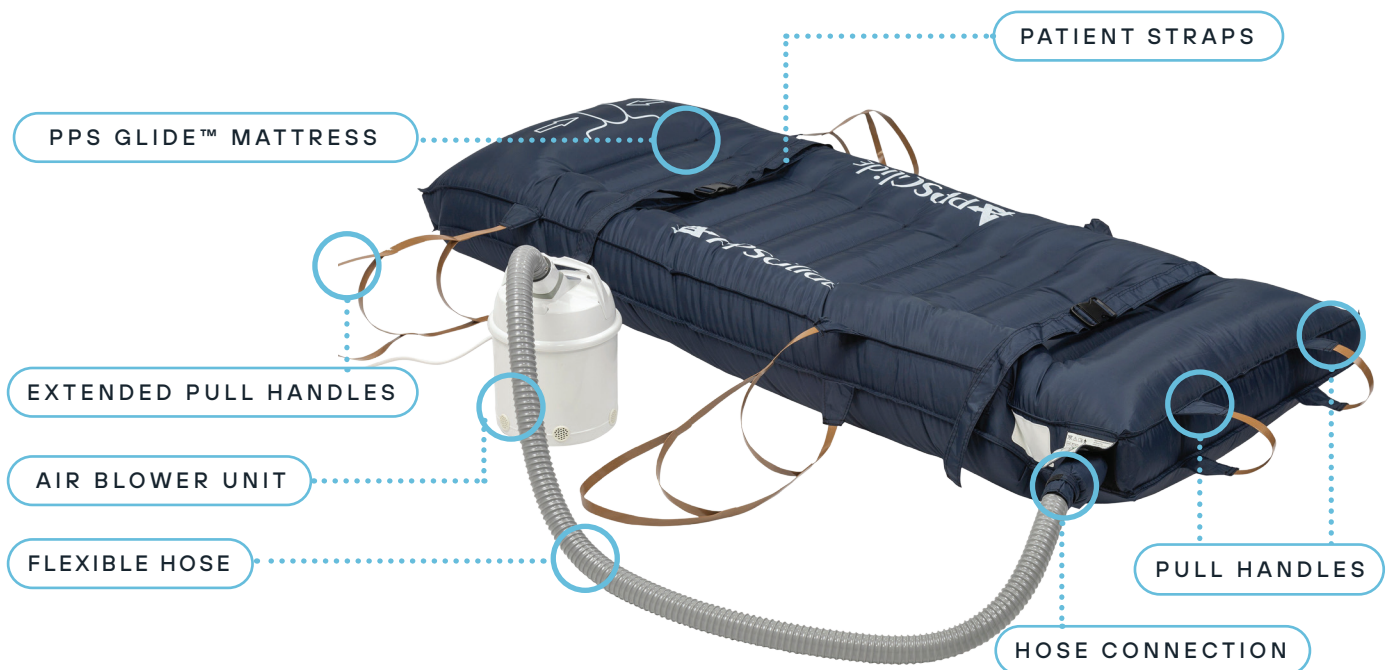
PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS AIR TRANSFER SYSTEM

INTENDED USE

The PPS Glide™ Reusable Lateral Air Transfer Mattress is intended to be used as a patient transfer system to assist in moving patients between flat surfaces. The PPS Glide™ Reusable Lateral Air Transfer Mattress system is comprised of the PPS Glide™ Air Blower unit (3060), the Glide™ Protective Sheets(3061), and the Glide™ Air Transfer Mattress (3062). All three part numbers make up the PPS Glide™ Reusable Lateral Air Transfer Mattress system. Read this manual thoroughly before using the equipment or beginning maintenance on it. To ensure safe operation of this equipment, it is recommended that methods and procedures be established for educating and training staff on the safe operation of the PPS Glide™ Reusable Lateral Air Transfer Mattress.

PRODUCT DESCRIPTION

The PPS Glide™ Reusable Lateral Air Transfer Mattress transfers a patient on a soft nylon mattress designed with hundreds of tiny perforations on the underside. An Air Blower unit connects to the mattress and blows high volume air out through the tiny perforations on the underside of the mattress. This continuous air flow helps to reduce friction between the surface and the PPS Glide™ Reusable Lateral Air Transfer Mattress allowing the operator to transfer the patient with ease.



PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS SPECIFICATIONS

AIR TRANSFER MATTRESS (REGULAR) 3062-500-028

Mattress Width x Length	28" x 78"	71 cm. x 198 cm.
Mattress Weight	3.5 lbs.	1.6 kg.
Patient Weight Limit	500 lbs.	227 kg.
Patient Width Limit	28"	71 cm.
Material: Nylon, Polyurethane under coated, Water resistant, Anti-static, Non-latex		

AIR TRANSFER MATTRESS (LARGE) 3062-500-032

Mattress Width x Length	32" x 78"	81 cm. x 198 cm.
Mattress Weight	5 lbs.	2.3 kg.
Patient Weight Limit	700 lbs.	317 kg.
Patient Width Limit	32"	81 cm.
Material: Nylon, Polyurethane under coated, Water resistant, Anti-static, Non-latex		

AIR TRANSFER MATTRESS (BARIATRIC) 3062-500-046

Mattress Width x Length	46" x 78"	117 cm. x 198 cm.
Mattress Weight	6.5 lbs.	2.9 kg.
Patient Weight Limit	1000 lbs.	453 kg.
Patient Width Limit	46"	116 cm.
Material: Nylon, Polyurethane under coated, Water resistant, Anti-static, Non-latex		

PROTECTIVE SHEET

3061-120-028 (Regular) Width x Length	34" x 79"	86cm X 200cm
3061-120-032 (Large) Width x Length	36" x 79"	91cm x 200cm
3061-120-046 (Bariatric) Width x Length	54" x 82"	137cm x 208cm

MANUFACTURER

COUNTRY OF MANUFACTURING:

China

Manufactured for Patient Positioning Systems, LLC

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS

WARNING / CAUTION / NOTE DEFINITIONS

The words WARNING, CAUTION, and NOTE carry special meanings and should be carefully reviewed



WARNING

Alerts the reader about a situation, which if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.



CAUTION

Alerts the reader of a potentially hazardous situation, which if not avoided, may result in minor or moderate injury to the user or patient or damage to the equipment or other property. This includes special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.

NOTE

This provides special information to make maintenance easier or important instructions clearer.

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS

WARNING / CAUTION / NOTE DEFINITIONS



Warning / Caution



Maximum Safe Working Load



Maximum Patient Width



Presents no known hazards in any MR environment

IPX0 No protection against harmful ingress of water



Read the Instruction for Use before use



CE marking indicating conformity with European Community harmonized legislation

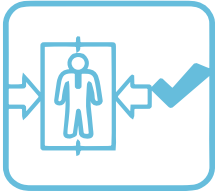


The name and address of the manufacturer

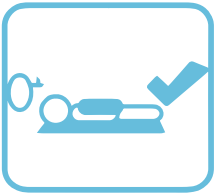


The date of manufacture

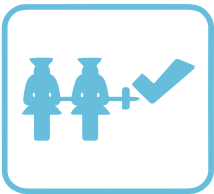
REQUIREMENTS BY SYMBOLS FOR PATIENT TRANSFER AND MATTRESS INFLATION



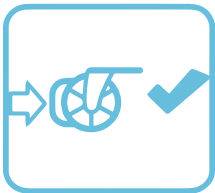
Patient must be centered on mattress prior to starting inflation process.



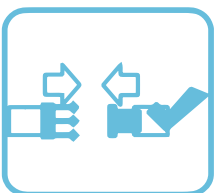
Patient Support Platform must be at a position of zero Trendelenburg prior to starting inflation process.



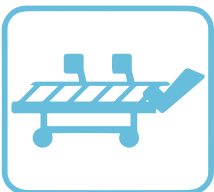
A minimum of two (2) caregivers is required when transferring a patient.



Patient Support Platform brakes must be set to "ON" prior to starting inflation process.



Patient must be secured on the mattress prior to starting inflation Process.



It is recommended that Patient Support Platform outside rail should be in the "UP" position prior to starting the inflation process or transferring a patient.

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS

SUMMARY OF SAFETY PRECAUTIONS



WARNINGS

- To avoid bodily injuries, make sure the PPS Glide™ Reusable Lateral Air Transfer Mattress is completely inflated before starting the transfer. A partly inflated PPS Glide™ Reusable Lateral Air Transfer Mattress can cause the patient to hit the underlying surface, causing bodily injuries. The pull force will increase with a partially inflated mattress and this can cause bodily injuries to the caregiver as well.
- Never leave patient unattended while the PPS Glide™ Reusable Lateral Air Transfer Mattress is inflated and Air Blower is on.
- The PPS Glide™ Reusable Lateral Air Transfer Mattress equipment is not suitable for use in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.
- Mattress must be oriented so that the white symbols are pointing upwards.
- The PPS Glide™ Reusable Air Transfer Mattress is not intended to be used for prolonged periods of time as a mattress. It is intended to be used as a transfer device only.
- The PPS Glide™ Reusable Lateral Air Transfer Mattress is not to be used in oxygen rich environments or hyperbaric chambers.
- The PPS Glide™ Reusable Lateral Air Transfer Mattress is not to be used in the presence of open sources of ignition such as cigarettes, etc.
- Patient straps are used to center patient on the product during inflation and deflation. They are not intended to be safety restraint straps that keep the patient on the Mobile Patient Support Platform or bed.
- The PPS Glide™ Reusable Lateral Air Transfer Mattress and Air Blower are not to be used as a patient warmer.
- Patient is to be centered before and during inflation.
- Patient support surface (i.e. Mobile Patient Support Platform, bed, operating table, etc...) must be at 0° Trendelenburg or 1-3" lower to prevent the patient moving under their own weight. The patient support surfaces should be level with one another.
- When using the PPS Glide™ Reusable Lateral Air Transfer Mattress, it is recommended that outside rails should be raised to act as guards to stop the patient's movement during a transfer.
- Always ensure the patient's support surfaces and their respective transfer gaps are adequate to support the patient.
- The PPS Glide™ Reusable Lateral Air Transfer Mattress is to be used with a minimum of two (2) caregivers. Caregivers need to be positioned so they can control positioning of patient.
- The PPS Glide™ Reusable Lateral Air Transfer Mattress must be centered under patient without any bunching/folding present. Bunching will cause patient to be pushed / lifted off center.
- The PPS Glide™ Reusable Lateral Air Transfer Mattress can only be used on transfers between fixed patient support surfaces. Mobile surfaces need the brakes applied to make them a fixed surface.
- Do not modify this equipment without authorization from the manufacturer.
- Only connect items that have been specified to be compatible with all PPS Glide™ Reusable Lateral Air Transfer Mattress.
- The PPS Glide™ Reusable Lateral Air Transfer Mattress is not to be used with other manufacturers Air Blowers unless specifically mentioned in the IFU.

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS

SUMMARY OF SAFETY PRECAUTIONS



CAUTIONS

- There is a weight limit on the mattress, bed, or other surface that the mattress is being used on. Adhere to all weight limits as stated in this IFU.
- Inspect mattress for seam failures and tears before use.
- Do not leave the PPS Glide™ Reusable Lateral Air Transfer Mattress under patients susceptible to decubitus ulcers.
- Do not leave patients laying on the buckles of the centering wraps.
- The PPS Glide™ Reusable Lateral Air Transfer Mattress is not intended to be used for prolonged periods of time as a mattress. It is intended to be used as a transfer device only.
- The mattress size is specified in two (2) ways; by the weight of the patient and by the physical size of the patient.
- Selection of an inappropriately sized mattress may reduce the overall transfer performance of the PPS Glide™ Reusable Lateral Air Transfer Mattress.

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS OPERATIONS GUIDE

Operating the PPS Glide™ Reusable Lateral Air Transfer Mattress is a three step process; (1) positioning the mattress under patient, (2) connecting the Air Blower, (3) transferring patient from one surface to another (e.g. stretcher to bed). See detailed instructions below.

SELECTING APPROPRIATE MATTRESS SIZE

The mattress size is specified in two ways; by the weight of the patient and by the physical size of the patient.

The selection of the appropriate size mattress is characterized as follows:

- 28" mattress is appropriate for patients up to a weight of 500lb and a maximum width of 28".
- 32" mattress is appropriate for patients up to a weight of 700lb and a maximum width of 32".
- 46" mattress is appropriate for patients up to a weight of 1000lb and a maximum width of 46".

Selection of the appropriate size mattress is determined by comparing the width of the patient to the width of the deflated mattress. The width of the patient shall not exceed the width of the deflated mattress at any point along its length.

POSITIONING MATTRESS UNDERNEATH THE PATIENT

NOTE

- The PPS Glide™ Reusable Lateral Air Transfer Mattress is to be used with a minimum of two caregivers. Caregivers need to be positioned so that they can control positioning of the patient.
- If soiling is possible, place protector sheet on top of mattress, dull side down, before it is positioned underneath the patient.
- When preparing for log-rolling technique, spread the mattress out with the black side down and roll the mattress lengthwise towards the center from one side.

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS OPERATIONS GUIDE

POSITIONING MATTRESS UNDERNEATH THE PATIENT (CONTINUED)

- 1. Place the mattress under the patient using a “log-rolling” technique.
 - Note: Ensure the patient’s head is located at the same end as the “HEAD” label on the mattress topline.*
 - ▶ a. Roll the patient onto their side toward the attendant (the bed sheet can be used to help with the logroll).
 - ▶ b. Place the rolled edge of the mattress against the patient.
 - ▶ c. Roll the patient back towards the opposite side enough to unroll the mattress as you would when changing a bed sheet.
 - ▶ d. Center the patient on the mattress.
- 2. Attach the two patient centering straps in gentle contact with the patient. Straps should NOT be tight.

CONNECTING THE AIR BLOWER

- 1. Ensure the Air Blower is OFF.
- 2. Plug the power cord of the Air Blower into the electrical outlet on the wall.
- 3. Attach the flexible hose into the Air Blower and turn counter clockwise to secure. Then attach the flexible hose into the mattress at the side near the patient’s feet. Ensure that the placement will allow travel of the hose without binding.
- 4. Using the air hose retention straps, secure the air hose to the mattress.

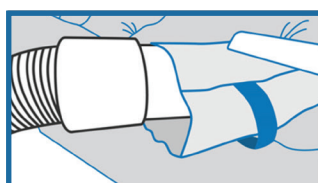


ON/OFF BUTTON

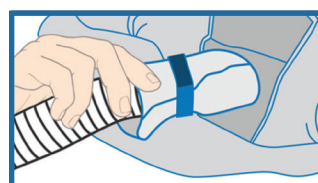
SECURING THE AIR BLOWER



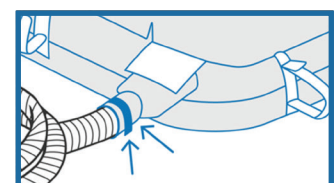
01: Open the flap and pull out the hose connection inlet.



02: Insert the Air Blower into the hose connection inlet.



03: Advance the hard plastic hose adaptor beyond the hook-and-loop strap.



04: Make sure the hook-and-loop strap is locked firmly in place behind the hose adaptor to prevent hose from dislodging from inlet.



PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS

OPERATIONS GUIDE

TRANSFER OF PATIENT FROM MOBILE PATIENT SUPPORT PLATFORM TO BED

- 1. Position the Mobile Patient Support Platform alongside the patient's bed as close as possible.
- 2. Securely engage the brakes on the Mobile Patient Support Platform.
- 3. Raise the Mobile Patient Support Platform siderail located opposite the patient transfer.
- 4. Adjust the bed or Mobile Patient Support Platform height so that the receiving surface is 1-3" lower than the sending surface.
- 5. Before turning Air Blower unit on, verify the following:
 - ▶ a. Siderails, accessories or sharp object are not obstructing the path of the mattress.
 - ▶ b. The air hose should be free to travel with the mattress.
 - ▶ c. All patient support systems such as I.V. lines or oxygen hoses are free to travel with the patient.
 - ▶ d. An attendant is positioned in the direction of the patient transfer.
- 6. Turn "ON" the Air Blower by pressing the white on/off button.
- 7. Wait approximately 10-15 seconds for the mattress to fully inflate.
- 8. Once the mattress is fully inflated, grasp the extended pull handles of the mattress while keeping your back in the neutral ergonomic upright position.
- 9. With one firm continuous pull, move the patient towards the attendant to the desired surface ending with the patient centered on the new surface.
- 10. Turn "OFF" the Air Blower by pressing the white on/off button.
- 11. Unplug power cord from wall and Air Blower.
 - ▶ Never leave patient unattended when mattress is inflated and Air Blower unit is on.

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS CLEANING

These instructions are intended to provide recommended cleaning methods for the Reusable Glide™ mattress and protective sheet. They outline proper care that will provide effective cleaning and disinfecting of mattresses and protective sheets between patients and prolong the life of the equipment.

RECOMMENDED ROUTINE CARE/CLEANING METHOD: MATTRESS AND PROTECTIVE SHEET

- Clean per hospital protocol for mattresses.
- Hand-wash all surfaces of the mattress with warm water and mild detergent cleaner.
- Apply disinfectant solution either by spray, solution or pre-impregnated wipes (do not soak mattress).
- The mattress and sheet should be wiped down with the suggested cleaning agent in between patient uses.
- Allow surface to dry before returning to service. Air dry, if possible. To decrease drying time, use the Glide blower unit to circulate air throughout the inside of the mat. Machine drying on the lowest setting can also be performed as long as the maximum air or drum temperature does not exceed 120 degrees Fahrenheit.
- Do not iron the mattress fabric.
- DO NOT STEAM CLEAN, PRESSURE WASH, HOSE OFF OR ULTRASONICALLY CLEAN mattresses.

RECOMMENDED DISINFECTANTS

IMPORTANT: DILUTE ALL DISINFECTANTS IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS

When used in concentrations recommended by the manufacturer, diluted bleach or diluted quaternary germicidal disinfectants are recommended

Chlorine bleach, typically 5.25% Sodium Hypochlorite, should be used at a dilution ratio of 1 part bleach to 10 parts water.

Note: Chlorine bleach may cause discoloration or fading of the mattress, labels, and/or protective sheet.

IMPORTANT: RINSE OFF CORROSIVE CLEANERS

These products are NOT considered mild detergents. They are corrosive in nature and may cause damage to your mattress if used improperly. Mattresses must be rinsed with clean water and dried thoroughly after using corrosives such as quaternary or chlorine bleach. Failure to properly rinse and dry the mattress leaves a corrosive residue on the surface, likely causing premature corrosion.

Iodophor type disinfectants (for example, Betadine®) are not recommended for use because staining may result.

MATTRESS AND PROTECTIVE SHEET

Recommended	Quaternary, Quat/Isopropyl
Acceptable	Chlorine Bleach (1:10)
Not recommended	Phenolics

- **Quaternary Cleaners:** identified by ingredients containing the phrase "...yl ammonium chloride"
- **Quat/Isopropyl Cleaners:** identified by a quaternary ingredient above plus isopropyl alcohol
- **Phenolic Cleaners:** identified by ingredients containing the suffix "-phenol"
- **Chlorine Bleach:** known generically as "Sodium Hypochlorite"

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS CLEANING

LAUNDERING THE MATTRESS OR PROTECTIVE SHEET

- For heavily soiled mats or protective sheets, machine laundering can be performed. Recommended cleaners include neutral detergent or 10% bleach in water solution. Water temperature should not exceed 150 degrees Fahrenheit.

Note: Laundering with chlorine bleach may cause discoloration or fading of the mattress, labels, and/or protective sheet.

- The mattress or protective sheet should be air dried if possible. To decrease drying time, you can use the Glide blower unit to circulate air throughout the inside of the mat. Machine drying on the lowest setting can also be performed as long as the maximum air or drum temperature does not exceed 120 degrees Fahrenheit.

SPECIAL INSTRUCTIONS

Hook and Loop: To clean and disinfect Hook and Loop, saturate with disinfectant, rinse with water, and allow it to evaporate.

Soils or Stains: Use neutral soaps and warm water. Do not use harsh cleansers, solvents or abrasive cleaners.

Hard-To-Clean Soils or Stains: Use standard household/vinyl cleansers and a soft bristle brush on troublesome spots or stains. Pre-soak heavy, dried-on soil.

REMOVAL OF IODINE STAINS

1. Make a solution of 1–2 Tablespoons Sodium Thiosulfate in a pint of warm water and use it to wipe the stained area. Clean the stain as soon as possible after it occurs. If stains are not immediately removed, allow solution to soak or stand on the surface before wiping.
2. Rinse surfaces which have been exposed to the solution with clear water before returning mattress to service.

Note: Failure to follow the above directions when using these types of cleaners may void this product's warranty.

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS TROUBLESHOOTING GUIDE

MATTRESS WILL NOT INFLATE PROPERLY

1. Check the air hose and the mattress for any visual or audible leaks and repair.
2. Check for blockage in the air hose and repair.
3. Check for a strong volume of air from the blower.
 - a. Turn the blower on with the air hose removed.

I. If the air volume diminishes, check the air inlet on the lower housing for obstructions and repair.

II. If there was no obstruction in the lower housing, replace the blower.

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS QUICK REFERENCE REPLACEMENT PART LIST

NOTE

The parts and accessories listed on this page are all currently available for purchase. Please call your local PPS distributor for information.

Replacement Part list for 3062-500

PPS PART NAME	PPS PART NUMBER	
Mattress	3062-500-028, 3062-500-032, 3062-500-046	
Protective Sheet	3061-120-028, 3061-120-032, 3061-120-046	
Blower Unit	Domestic (US/Canada)	3060-400-120
	International	3060-400-230
Tote Assembly for PPS Glide™ Reusable Lateral Air Transfer System	3060-001-041	
Cart for PPS Glide™	3060-001-047	
Air Blower Filter	3060-001-048	

PPS GLIDE™ REUSABLE LATERAL AIR TRANSFER MATTRESS WARRANTY

LIMITED WARRANTY

Patient Positioning Systems, LLC (PPS) warrants to the original purchaser of the PPS Glide™ Reusable Lateral Air Transfer Mattress Blower to be free from defects in material and workmanship for a period of one (1) year after date of delivery. PPS's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product which is, in the sole discretion of PPS found to be defective. If requested by PPS products or parts for which a warranty claim is made shall be returned prepaid to the factory. Any improper use or any alteration or repair by others in such manner as in PPS's judgment affects the product materially and adversely shall void this warranty. Any repair of PPS products using parts not provided or authorized by PPS shall void this warranty. No employee or representative of PPS is authorized to change this warranty in any way.

The PPS Glide™ Reusable Lateral Air Transfer Mattress product is designed for an expected service life as listed below under normal use, conditions, and with appropriate periodic maintenance.

- Blower Assembly: Five (5) years
- Mattress Assembly: Three (3) years
- Tote/Cart Assembly: Three (3) years

This statement constitutes PPS's entire warranty with respect to the aforesaid equipment. PPS makes no other warranty or representation, either expressed or implied, except as set forth herein. There is no warranty of merchantability and there are no warranties of fitness for any particular purpose. In no event shall PPS be liable here under for incidental or consequential damages arising from or in any manner related to sales or use of any such equipment.

TO OBTAIN PARTS AND SERVICE

Simply call your local representative, or call PPS Customer Service at 541.654.5757.

RETURN AUTHORIZATION

Merchandise cannot be returned without approval from the PPS Customer Service Department. An authorization number will be provided which must be printed on the returned merchandise. PPS reserves the right to charge shipping and restocking fees on returned items. Special, modified, or discontinued items not subject to return.

DAMAGED MERCHANDISE

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of receipt of merchandise. Do not accept damaged shipments unless such damage is noted on the delivery receipt at the time of receipt. Upon prompt notification, PPS will file a freight claim with the appropriate carrier for damages incurred. Claim will be limited in amount to the actual replacement cost. In the event that this information is not received by PPS within the fifteen (15) day period following the delivery of the merchandise, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full. Claims for any short shipment must be made within thirty (30) days of invoice.



CONTACT US

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