Sage AirTAP® LC
Lift Compatible Patient Repositioning System
Operator’s manual

Weight capacity: 600 lbs / 272 kg

Model #7287
• (1) Lift Compatible Glide Sheet
• (1) 30° Body and Anchor Wedge System
• (1) M2 Microclimate Body Pad

For use with the following air source and accessories:
Model #7455 — Prevalon Air Pump
Model #7475 — Prevalon Cart for use with model #7455
Model #7465 — HEPA equipped replacement filter for model #7455
Model #7460 — Hose Protection Sleeve
Model #7450 — Prevalon AirTAP Booster Pump 120v

U.S. Patents: stryker.com/patents

Manufactured for: Sage Products LLC
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Sage

AirTAP LC

Lift Compatible Patient Repositioning System

This manual assists you with the operation of your Sage product. Read this manual before operating this product. Establish methods and procedures to educate and train your staff on the safe operation of this product.

Notes: This manual is a permanent part of the product and should remain with the product.

Product description

The AirTAP Lift Compatible (LC) Patient Repositioning System is a nylon sheet designed with lift straps and air-permeable sections on the underside. The lift straps help secure the device to 2- and 4-point bar patient lifts to assist in adult patient (“patient”) transfers. An Air Pump / Booster Pump attaches to the sheet and pumps air out through the air-permeable sections on the underside, reducing friction between the resting surface and the sheet to help reduce the effort required to reposition the patient. AirTAP LC includes a M2 Microclimate Body Pad for patient use to absorb and wick moisture away from the skin and to help protect the Glide Sheet from soiling. In addition, the AirTAP LC also includes a 30º Body and Anchor Wedge System to help maintain proper positioning and offload the patient sacrum.

The Glide Sheet with M2 Microclimate Body Pad is MR safe by rationale. The device is made from all non-metal materials; therefore, MR safety testing was not performed. Compatibility tests did not show artifacts. Based on rationale, the Glide Sheet with M2 Microclimate Body Pad is electronically non-conductive and non-magnetic.

Changing the M2 Microclimate Body Pad

Replace only with M2 Microclimate Body Pads. Align the top edge of the M2 Microclimate Body Pad with the top edge of the Glide Sheet. Dispose of the soiled M2 Microclimate Body Pad per your facility’s waste management protocol.

Cleaning and disinfecting

Follow your facility’s infection control policies and procedures regarding the cleaning of equipment and the use of disinfectants on facility surfaces in contact with patients’ skin.

System cleaning

Do not launder the Glide Sheet, Body Wedges, or M2 Microclimate Body Pad as laundering will compromise the function of these devices. The Glide Sheet and Body Wedges are for single patient use only. The M2 Microclimate Body Pad is for single use only. To clean the Glide Sheet and Body Wedges, wipe all surfaces with a damp cloth using soap and water.

Air Pump / Booster Pump cleaning instructions

1. Prior to cleaning, unplug the power cord from the wall outlet.
2. Prepare a mild detergent solution according to the detergent manufacturer’s instructions.
3. Prepare disinfectant solution (if applicable) according to the disinfectant manufacturer’s instructions for use. Prior to disinfecting, unplug the power cord from the wall outlet.
4. Stretch the Hose in sections to clean between coils. Continue until the entire Hose is clean. Do not allow solution to seep inside the Hose.
5. Wipe all excess liquid from the unit and allow to air dry. Allow the external surfaces of the Air Pump / Booster Pump and Hose to dry thoroughly before use.

Air Pump / Booster Pump disinfecting

Use a hospital grade disinfectant. Always follow the disinfectant manufacturer’s instructions for use. Prior to disinfecting, follow the general cleaning instructions described above to remove any visible debris or soiling.

1. Use rubber gloves and eye protection as recommended by the disinfectant manufacturer.
2. Prior to disinfecting, unplug the power cord from the wall outlet.
3. Prepare disinfectant solution (if applicable) according to the disinfectant manufacturer’s instructions for use.
4. Thoroughly wipe down the outside of the Air Pump / Booster Pump with the disinfectant solution. Ensure cloth is not so wet as to drip liquid or cause liquid to pool on the Air Pump / Booster Pump. To prevent damage to the operating parts inside the Air Pump / Booster Pump, do not allow liquid to seep into the openings of the Air Pump / Booster Pump.
5. Stretch the Hose in sections to clean between coils. Continue until the entire Hose is clean. Do not allow solution to seep inside the Hose.

Contraindications

The AirTAP LC System should not be used for patients with thoracic, cervical, or lumbar fractures without a clinical assessment of the risks of using the device. This device should not be used on patients with an altered mental status. The equipment should not be used for patients that exceed the 600 lb / 272 kg weight limit.

Expected service life

AirTAP LC System is intended for single patient use and has an expected life of 30 days under normal use conditions. The M2 Microclimate Body Pad is intended for single use only.

Imaging

The Glide Sheet with M2 Microclimate Body Pad is MR safe by rationale. The device is made from all non-metal materials; therefore, MR safety testing was not performed. Compatibility tests did not show artifacts. Based on rationale, the Glide Sheet with M2 Microclimate Body Pad is electronically non-conductive and non-magnetic.

The Air Pump and Booster Pump are not MR safe. Please follow your facility’s protocol for using the Air Pump / Booster Pump in an MR environment.
Always read and strictly follow the warnings and cautions listed on this page.

- Do not use on patients with thoracic, cervical, or lumbar fractures that are deemed unstable unless stabilization is used or a clinical assessment of the risks has been performed.
- Do not use Air Pump / Booster Pump during lift transfers.
- Never leave a patient unattended while the Lift Compatible Glide Sheet ("The Glide Sheet") is inflated or the Air Pump / Booster Pump is powered on.
- To reduce the risk of electric shock, do not use outdoors or on wet surfaces.
- Always ensure the patient is centered on the Glide Sheet before inflating.
- Always ensure the bed rails are raised and the bed brakes are locked.
- Always use more than one trained healthcare provider to laterally transfer, vertical lift transfer, or reposition a patient to prevent the risk of healthcare provider injury. Note: Exterior bed rails on both surfaces should be raised prior to transfer to prevent the patient from falling. If there are no bed rails used, the caregivers are responsible for making sure the patient does not reach outside the boundaries of either support surface.
- Ensure the Glide Sheet is fully inflated prior to transfer. If the Glide Sheet is not fully inflated, injury to the patient or caregiver could occur or the Glide Sheet may not perform as expected.
- Always follow your facility’s safe patient handling and mobility policies and procedures.
- To avoid potential skin injury, prevent patient’s heels and head from dragging across the bed during repositioning. Refer to your facility’s skin injury and prevention protocol and the National Pressure Ulcer Advisory Panel (NPUAP) Guidelines.
- To prevent injury or accidental inflation, ensure the patient is not in contact with the Quick Connect Hose Nozzle or Flexible Inflation Hose.
- Do not use the product in an oxygen-rich environment, such as an oxygen tent.
- Do not use the Air Pump / Booster Pump in the presence of flammable anesthetics or other flammable gases or vapors.
- Do not tamper with or make any adjustments to any part of the Air Pump / Booster Pump.
- Do not let the Air Pump / Booster Pump cord hang over the edge of a table or counter.
- Do not operate the Air Pump / Booster Pump if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped. Contact Sage Products at 800 323 2220 for repair or replacement.
- Do not immerse the Air Pump / Booster Pump cord or plug in water.
- Keep Air Pump / Booster Pump cord away from heated surfaces.
- Do not use the Air Pump / Booster Pump during patient transport within the care setting.
- The Glide Sheet is not intended to secure a patient to a support surface. Follow facility policies and procedures for securing patients to a support surface (e.g. Trendelenburg).
- Always ensure straps are untucked before transferring a patient.
- Always ensure the Sling Straps are not twisted and are properly attached to the lift(s).
- Do not use the Glide Sheet with a hanger bar that is designed for a clip attachment.
- Do not hold or support a patient’s weight while the Glide Sheet is attached to a lift since this may cause straps to detach from lift.
- Never leave a patient unattended while the Glide Sheet is attached to a lift.
- Before inflating, ensure lines and tubing are free to move with the patient and that nothing obstructs the area over which the Glide Sheet will pass. Ensure that the Hose will move freely with the Glide Sheet.
- Ensure walkways are clear of straps to avoid tripping hazard.
- Ensure straps are out of the patient’s reach to avoid entanglement and pressure related injury.

**Warnings** 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 product 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 because of use or misuse.

- Improper usage of the product can cause injury to the patient or healthcare provider. Operate the product only as described in this manual.
- Do not modify the product or any components of the product. Modifying the product can cause unpredictable operation resulting in injury to the patient or healthcare provider.
- Do not allow any part of the lift to contact the patient.
- Always position the patient’s arms inside the Sling Straps.
- Always properly handle the Air Pump / Booster Pump power cord to avoid the risk of entanglement, tripping, damage to the power cord, or potential shock hazards. If the power cord is damaged, immediately remove the product from service and contact the appropriate maintenance personnel.
- Always plug the Air Pump / Booster Pump directly into a properly grounded hospital-grade or medical-grade wall outlet to achieve grounding reliability. Do not plug the product directly into a hospital bed.
- Electric shock risk. The Air Pump / Booster Pump must only be connected to a supply main with protective earth.
- Always store the Air Pump / Booster Pump power cord before you transport the product to avoid a trip hazard.
- Do not overload the Glide Sheet above the safe working load of 600 lbs (272 kg). Ensure patient fits entirely within the edges of the Glide Sheet.
- The AirTAP LC Glide Sheet and MP Microclimate Body Pad are made from non-metal materials and have been determined to be MR safe; however, the Air Pump / Booster Pump are made from metal materials and are not MR safe. Follow your facility’s protocol for use of the product in an MR environment.
- Do not cover or block any openings on the Air Pump / Booster Pump.
- The Air Pump / Booster Pump is not to be used with other manufacturers’ air-assisted products.
- The Glide Sheet is not to be used with other manufacturers’ air pump units.
- Do not hang the Air Pump / Booster Pump from the bed rails to avoid Air Pump / Booster Pump instability.
- Do not launder the product or any components of the product. Laundering the product can cause unpredictable operation resulting in injury to the patient or healthcare provider.
- Periodically check product for signs of wear. Replace if product is damaged.
- Glide Sheet for single patient use only.
Sage
AirTAP LC
Lift Compatible Patient Repositioning System

Part identification

AirTAP LC Glide Sheet

Upright 1 Top Sling Strap
Reclined Top Sling Strap
Upright 2 Top Sling Strap
Supine Top Sling Strap
Lift Compatible Glide Sheet
Log Roll Handle
Middle Sling Strap
Perimeter Handles
Torso Body Wedge
Anchor Body Wedge
Gold Bottom Sling Strap
Grey Bottom Sling Strap
Blue Bottom Sling Strap
Quick Connect Valve
M² Microclimate Body Pad

Prevalon Air Pump

Hose retainer
Flexible inflation hose
Point of care switch
Quick Connect nozzle
Quick Connect valve
Cord management strap
Power cord
HEPA filter
Nozzle
Flexible inflation hose
Hose retainer
Cord reel
Nozzle retainer
Point of care power button
Hanging clip

Lift Compatible Patient Repositioning System

AirTAP LC Glide Sheet

Only use the Quick Connect nozzle with the Quick Connect valve.

AirTAP® Booster Pump

Part identification

AirTAP LC Glide Sheet

Upright 1 Top Sling Strap
Reclined Top Sling Strap
Upright 2 Top Sling Strap
Supine Top Sling Strap
Lift Compatible Glide Sheet
Log Roll Handle
Middle Sling Strap
Perimeter Handles
Torso Body Wedge
Anchor Body Wedge
Gold Bottom Sling Strap
Grey Bottom Sling Strap
Blue Bottom Sling Strap
Quick Connect Valve
M² Microclimate Body Pad

Prevalon Air Pump

Hose retainer
Flexible inflation hose
Point of care switch
Quick Connect nozzle
Quick Connect valve
Cord management strap
Power cord
HEPA filter
Nozzle
Flexible inflation hose
Hose retainer
Cord reel
Nozzle retainer
Point of care power button
Hanging clip

Lift Compatible Patient Repositioning System

AirTAP LC Glide Sheet

Only use the Quick Connect nozzle with the Quick Connect valve.
Instructions for use

Boosting/Turning/Lateral transfer

Setup: Boosting/Turning/Lateral transfer

Before using the product, visually inspect the product for any signs of damage that could affect the safety or functionality of the product. If such damage is found, do not use product.

1. Lock support surface brakes and raise the rails.
2. Place support surface in a horizontal position at the trained healthcare provider’s waist level.
3. Lower the rail(s) on the side of the support surface where the Glide Sheet will be placed.
4. Remove AirTAP LC from its packaging and place the folded Glide Sheet alongside the patient with the printed arrow pointing toward the head of the support surface. (Figure 1)
5. Unfold the Glide Sheet lengthwise and align the upper edge of the Glide Sheet with the top of the patient’s head. (Figure 2)
6. Place the Glide Sheet with M2 Microclimate Body Pad beneath the patient per your facility’s protocol. (Figure 3)
7. Orient the patient according to the head indicator on the Glide Sheet. (Figure 4)
8. Place the Air Pump / Booster Pump at the foot of the support surface.
9. Plug the Air Pump / Booster Pump power cord into a wall receptacle.
10. Raise all support surface rails.

Boost a patient

Operation: To boost a patient

1. Healthcare providers stand on opposite sides of the support surface. Ensure bed brakes are locked.
2. Place the support surface in a horizontal position and at the healthcare provider’s waist level.
3. Remove the Body Wedges (the “Wedges”) if present by grasping the corner and slowly rotating out.
4. Center the patient on the Glide Sheet and the support surface.
5. Turn the Air Pump / Booster Pump on by pressing the power button.
6. Allow the Glide Sheet to fully inflate.

**Warning:** Never leave a patient unattended while the Lift Compatible Glide Sheet ("The Glide Sheet") is inflated or the Air Pump / Booster Pump is powered on.

7. Ensure the top of the patient’s head is below the top of the Glide Sheet and is fully supported.

8. In a coordinated effort between the trained healthcare providers, use the Perimeter Handles located on the edge of the Glide Sheet to gently glide the patient to where the hips are aligned with the hinge point on the support surface. (Figure 5)

9. Turn the Air Pump / Booster Pump on by pressing the power button.

10. Allow the Glide Sheet to fully deflate and smooth out any wrinkles in the Glide Sheet or M2 Microclimate Body Pad. (Figure 6)

**Operation: To laterally transfer a patient**

**Warning:** Always ensure straps are untucked before transferring a patient.

1. Healthcare providers stand on opposite sides of the bed. Ensure bed brakes are locked.

2. Place the support surface in a horizontal position and at the healthcare provider’s waist level.

3. Center the patient on the Glide Sheet and the support surface.

**Warning:** Before inflating, ensure lines and tubing are free to move with the patient and that nothing obstructs the area over which the Glide Sheet will pass. Ensure that the Hose will move freely with the Glide Sheet.

4. Turn the Air Pump / Booster Pump on by pressing the power button.

5. Allow the Glide Sheet to fully inflate.

**Warning:** Never leave a patient unattended while the Lift Compatible Glide Sheet ("The Glide Sheet") is inflated or the Air Pump / Booster Pump is powered on.

6. Ensure the top of the patient’s head is below the top of the Glide Sheet and is fully supported.

7. Healthcare provider A: Lower the bed rail where the Body Wedges will be inserted.

8. Healthcare provider B: Use the Perimeter Handles to secure the Glide Sheet.

9. Healthcare provider A: Grasp the Perimeter Handle on the Glide Sheet and insert the Anchor Wedge, tail first and with the black fabric facing up, so that the Anchor is underneath the patient’s thighs. (Figure 7)

10. Healthcare provider B: Pull the tail through until it is taut. (Figure 8)

11. Healthcare provider A: Grasp the Perimeter Handle on the Glide Sheet and insert the Torso Wedge at least one hand width away from the Anchor Wedge, leaving room for the sacrum between the two wedges. (Figure 9)

12. The healthcare provider on the side of the support surface where the Air Pump / Booster Pump is connected pushes the power button to turn the Air Pump / Booster Pump off.

13. Perform a microturn while the Glide Sheet is deflating, if needed. With both healthcare providers on the same side of the support surface, grasp the Perimeter Handles, palms down. Gently pull, do not lift, until the patient is positioned at the desired angle. (Figure 10)

14. After the Glide Sheet is fully deflated, check to ensure the patient’s sacrum is offloaded.

15. Raise the support surface rails.

**Laterally transfer a patient**

**Operation: To laterally transfer a patient**

**Warning:** Always use more than one trained healthcare provider to laterally transfer, vertical lift transfer, or reposition a patient to avoid the risk of healthcare provider injury. **Note:** Exterior bed rails on both surfaces should be raised prior to transfer to prevent the patient from falling. If there are no bed rails used, the healthcare providers are responsible for making sure the patient does not reach outside the boundaries of either support surface.

**Warning:** To avoid potential skin injury, prevent patient’s heels and head from dragging across the bed during repositioning. Refer to your facility’s skin injury and prevention protocol and the National Pressure Ulcer Advisory Panel (NPUAP) Guidelines.

**Warning:** Always ensure straps are untucked before transferring a patient.

1. Position the healthcare providers so that the Sending healthcare provider ("Sender") is standing on the sending side, and the Receiving healthcare provider ("Receiver") is standing on the receiving side. Ensure bed brakes are locked. (Figure 11)

2. Place the sending support surface in a horizontal position and at the healthcare provider’s waist level. (Figure 12)

3. Remove the Body Wedges if present by grasping the corner and slowly rotating out.

4. Set the sending and receiving support surfaces as close together as possible. Ensure the brakes are locked on both surfaces.

5. Set the sending support surface slightly above, but no more than one inch above the receiving support surface. (Figure 13)

6. Raise the exterior rails on the two surfaces.

7. Center the patient on the Glide Sheet and the support surface.
8. Turn the Air Pump/Booster Pump on by pressing the power button.
9. Allow the Glide Sheet to fully inflate.

**Warning:** Ensure the Glide Sheet is fully inflated prior to transfer. If the Glide Sheet is not fully inflated, injury to the patient or healthcare provider could occur or the Glide Sheet may not perform as expected.

10. Ensure the top of the patient’s head is below the top of the Glide Sheet and is fully supported.
11. With a minimum of one healthcare provider on each side, the healthcare provider at the sending surface gently pushes the patient toward the receiving side. (Figure 14)
12. The healthcare provider at the receiving surface grasps the Perimeter Handles and helps glide the patient into position. (Figure 15)
13. Ensure the patient is fully on the support surface.
14. Turn the Air Pump/Booster Pump off by pressing the power button.
15. Allow the Glide Sheet to fully deflate and smooth out any wrinkles in the Glide Sheet or M2 Microclimate Body Pad.
16. Slightly separate the receiving and sending surfaces until the rail on the receiving surface can be accessed. (Figure 16)
17. Raise all support surface rails.

**Supine lift transfer**

**Setup: Supine lift transfer**

1. Lock support surface brakes and raise all rails.
2. Place support surface in a horizontal position at the trained healthcare provider’s waist level.
3. Lower the rail(s) on the side of the support surface where the Glide Sheet will be placed.
4. Remove the AirTAP LC from its packaging and place the folded Glide Sheet alongside the patient with the printed arrow pointing toward the head of the support surface.
5. Unfold the Glide Sheet lengthwise and align the upper edge of the Glide Sheet with the top of the patient’s head.
6. Place the Glide Sheet with M2 Microclimate Body Pad beneath the patient per your facility’s protocol.

**Operation: To lift a patient in the supine position**

7. Orient the patient according to the head indicator on the Glide Sheet.
8. Align patient to the center line of the Glide Sheet.

**Note:** Smooth out any wrinkles on the Glide Sheet and M2 Microclimate Body Pad.
9. Raise all support surface rails.

**Warning:** Always ensure straps are untucked before transferring a patient.

1. Healthcare providers stand on opposite sides of the support surface.
2. Place the support surface in a horizontal position and at the healthcare provider’s waist level.
3. Remove the Body Wedges (the “Wedges”) if present by grasping the corner and slowly rotating out.
4. Ensure the bar attached to the lift is set up in accordance with lift manufacturer specifications and hospital protocol.

**Warning:** Do not use the Glide Sheet with a hanger bar that is designed for a clip attachment.

5. Attach the Supine Top Sling Straps to the lift. (Figure 17) Supine Top Sling Straps are pictured in Figure 18.
6. Attach the Middle Sling Straps to the lift. (Figure 19) Middle Sling Straps are pictured in Figure 20.
7. Attach the Black Bottom Sling Straps to the lift (Figure 21). Black Bottom Sling Straps are pictured in Figure 22.

**Warning:** Do not use Air Pump / Booster Pump during lift transfers.

**Warning:** Always ensure the Sling Straps are not twisted and are properly attached to the lift(s).

8. Lock the brakes on the sending and receiving support surfaces.

9. Using the lift, raise the patient above the surface of the sending support surface in Figure 23.

**Warning:** Do not hold or support a patient’s weight while the Glide Sheet is attached to a lift since this may cause straps to detach from lift.

**Warning:** Never leave a patient unattended while the Glide Sheet is attached to a lift.

**Caution:** Always position the patient’s arms inside the Sling Straps.

10. Lower the rails on both support surfaces.

11. Using your facility’s procedures, transfer the patient to the receiving support surface using the lift.

12. Lower the lift such that the patient is centered on the receiving surface.

13. Lower the patient until the Sling Straps are no longer in tension.

14. Remove the six Sling Straps from the lift. (Figure 24)

15. Tuck straps safely away from patient per hospital protocol. (Figure 25)

**Warning:** Ensure walkways are clear of straps to avoid tripping hazard.

**Warning:** Ensure straps are out of the patient’s reach to avoid entanglement and pressure related injury.

16. Center the patient on the Glide Sheet.

17. Move the lift away from the patient and out of the working space.

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**Upsright 1/Upright 2/Reclined seated lift transfer**

**Setup: Seated lift transfer**

1. Lock support surface brakes and raise all rails.

2. Place support surface in a horizontal position at the trained healthcare provider’s waist level.

3. Lower the rails on the side of the support surface where the Glide Sheet will be placed.

4. Remove the AirTAP LC from its packaging and place the folded Glide Sheet alongside the patient with the printed arrow pointing toward the head of the support surface.

5. Unfold the Glide Sheet lengthwise and align the upper edge of the Glide Sheet with the top of the patient’s head.

6. Place the Glide Sheet with M² Microclimate Body Pad beneath the patient per your facility’s protocol.

7. Orient the patient according to the head indicator on the Glide Sheet.

8. Align patient to the center line of the Glide Sheet.

**Note:** Smooth out any wrinkles on the Glide Sheet and M² Microclimate Body Pad.

9. Raise all support surface rails.

**Operation: To lift a patient in an Upright 1 position**

**Warning:** Always ensure straps are untucked before transferring a patient.

1. Healthcare providers stand on opposite sides of the support surface.

2. Place the bed at the healthcare provider’s waist level and lock the brakes.

3. Remove the Body Wedges (the “Wedges”) if present by grasping the corner and slowly rotating out.

4. Place the patient in a Semi-Fowler’s position (Head of bed and knees raised).

5. Ensure the bar attached to the lift is set up in accordance with lift manufacturer specifications and hospital protocol.

**Warning:** Do not use the Glide Sheet with a hanger bar that is designed for a clip attachment.

6. Attach the Upright 1 Top Sling Straps to the lift (Figure 26). Upright 1 Top Sling Straps are pictured in Figure 27.

**Note:** Ensure the Top Sling Straps on the right and left sides of the patient match.
Warning: Always ensure the Sling Straps are not twisted and are properly attached to the lift(s).

7. Attach the Middle Sling Straps to the lift. (Figure 28)
   Middle Sling Straps are pictured in Figure 29.

8. Attach one of the following sets of Bottom Sling Straps to the lift. (Figure 30)
   Choose one of the following pairs of Bottom Sling Straps depending on the desired patient knee elevation:
   - Gold Bottom Sling Straps provide the *highest* knee elevation.
   - Blue Bottom Sling Straps provide *high* knee elevation.
   - Grey Bottom Sling Straps provide *low* knee elevation.
   - Black Bottom Sling Straps provide the *lowest* knee elevation.

   Note: Ensure the patient’s knees are elevated above his or her hips during the lift.

Warning: Do not use Air Pump / Booster Pump during lift transfers.

9. Lock the brakes on the sending and receiving support surface.

10. If transferring the patient to a chair, slightly recline the chair, lock the brakes, and raise the footrest, if applicable.

11. Using the lift, raise the patient above the surface of the sending support surface. (Figure 31)

   Warning: Do not hold or support a patient’s weight while the Glide Sheet is attached to a lift since this may cause straps to detach from lift.

   Warning: Never leave a patient unattended while the Glide Sheet is attached to a lift.

Caution: Always position the patient’s arms inside the Sling Straps.

12. Lower the rails on both support surfaces.

13. Using your facility’s procedures, transfer the patient to the receiving support surface using the lift.

14. Lower the lift such that the patient is centered on the receiving surface. Lower the patient until the Sling Straps are no longer in tension.

15. Remove the six Sling Straps from the lift.

16. If transferring to a chair containing the Prevalon® Seated Positioning System (SPS), ensure the SPS stays in position during the transfer and that the patient is properly positioned on both the SPS and the chair. (Figure 32)
    Refer to SPS instructions for use for additional information on using SPS.

17. Tuck straps safely away from patient per hospital protocol.

Operation: To lift a patient in an Upright 2 position

Warning: Always ensure the Sling Straps are not twisted and are properly attached to the lift(s).

1. Healthcare providers stand on opposite sides of the support surface.

2. Place the bed at the healthcare provider’s waist level and lock the brakes.

3. Remove the Body Wedges (the "Wedges") if present by grasping the corner and slowly rotating out.

4. Place the patient in a Semi-Fowler’s position (Head of bed and knees raised).

5. Ensure the bar attached to the lift is set up in accordance with lift manufacturer specifications and hospital protocol.

Warning: Do not use the Glide Sheet with a hanger bar that is designed for a clip attachment.

6. Attach the Upright 2 Top Sling Straps to the lift. (Figure 33)
   Upright 2 Top Sling Straps are pictured in Figure 34.

   Note: Ensure the Top Sling Straps on the right and left sides of the patient match.

Warning: Always ensure the Sling Straps are not twisted and are properly attached to the lift(s).

7. Attach the Middle Sling Straps to the lift. (Figure 35)

8. Attach one of the following sets of Bottom Sling Straps to the lift. (Figure 36)
   Choose one of the following pairs of Bottom Sling Straps depending on the desired patient knee elevation:
   - Gold Bottom Sling Straps provide the *highest* knee elevation.
   - Blue Bottom Sling Straps provide *high* knee elevation.
   - Grey Bottom Sling Straps provide *low* knee elevation.
   - Black Bottom Sling Straps provide the *lowest* knee elevation.

   Note: Ensure the patient’s knees are elevated above his or her hips during the lift.

18. Center the patient on the Glide Sheet.

19. Move the lift away from the patient and out of the working space.
Warning: Do not use Air Pump / Booster Pump during lift transfers.

9. Lock the brakes on the sending and receiving support surface.

10. If transferring the patient to a chair, slightly recline the chair, lock the brakes, and raise the footrest, if applicable.

11. Using the lift, raise the patient above the surface of the sending support surface. (Figure 37)

Warning: Do not hold or support a patient’s weight while the Glide Sheet is attached to a lift since this may cause straps to detach from lift.

Warning: Never leave a patient unattended while the Glide Sheet is attached to a lift.

Caution: Always position the patient’s arms inside the Sling Straps.

12. Lower the rails on both support surfaces.

13. Using your facility’s procedures, transfer the patient to the receiving support surface using the lift.

14. Lower the lift such that the patient is centered on the receiving surface. Lower the patient until the Sling Straps are no longer in tension.

15. Remove the six Sling Straps from the lift.

16. If transferring to a chair containing the Prevalon Seated Positioning System (SPS), ensure the SPS stays in position during the transfer and that the patient is properly positioned on both the SPS and the chair. (Figure 38)

17. Tuck straps safely away from patient per hospital protocol. (Figure 39)

Warning: Ensure walkways are clear of straps to avoid tripping hazard.

Warning: Ensure straps are out of the patient’s reach to avoid entanglement and pressure related injury.

18. Center the patient on the Glide Sheet.

19. Move the lift away from the patient and out of the working space.

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**Operation: To lift a patient in a Reclined position**

Warning: Always ensure straps are untucked before transferring a patient.

1. Healthcare providers stand on opposite sides of the support surface.

2. Place the bed at the healthcare provider’s waist level and lock the brakes.

3. Remove the Body Wedges (the “Wedges”) if present by grasping the corner and slowly rotating out.

4. Place the patient in a Semi-Fowler’s position (Head of bed and knees raised).

5. Ensure the bar attached to the lift is set up in accordance with lift manufacturer specifications and hospital protocol.

Warning: Do not use the Glide Sheet with a hanger bar that is designed for a clip attachment.

6. Attach the Reclined Top Sling Straps to the lift. (Figure 40)

Reclined Top Sling Straps are pictured in Figure 41.

Note: Ensure the Top Sling Straps on the right and left sides of the patient match.

Warning: Always ensure the Sling Straps are not twisted and are properly attached to the lift(s).

7. Attach the Middle Sling Straps to the lift. (Figure 42)

8. Attach one of the following sets of Bottom Sling Straps to the lift. (Figure 43) Choose one of the following pairs of Bottom Sling Straps depending on the desired patient knee elevation:

- **Gold Bottom Sling Straps** provide the highest knee elevation.
- **Blue Bottom Sling Straps** provide high knee elevation.
- **Grey Bottom Sling Straps** provide low knee elevation.
- **Black Bottom Sling Straps** provide the lowest knee elevation.

Note: Ensure the patient’s knees are elevated above his or her hips during the lift.

Warning: Do not use Air Pump / Booster Pump during lift transfers.

9. Lock the brakes on the sending and receiving support surface.

10. If transferring the patient to a chair, slightly recline the chair, lock the brakes, and raise the footrest, if applicable.
11. Using the lift, raise the patient above the surface of the sending support surface. (Figure 44)

⚠️ Warning: Do not hold or support a patient’s weight while the Glide Sheet is attached to a lift since this may cause straps to detach from lift.

⚠️ Warning: Never leave a patient unattended while the Glide Sheet is attached to a lift.

12. Lower the rails on both support surfaces.

13. Using your facility’s procedures, transfer the patient to the receiving support surface using the lift.

14. Lower the lift such that the patient is centered on the receiving surface. Lower the patient until the Sling Straps are no longer in tension.

15. Remove the six Sling Straps from the lift.

16. If transferring to a chair containing the Prevalon Seated Positioning System (SPS), ensure the SPS stays in position during the transfer and that the patient is properly positioned on both the SPS and the chair. (Figure 45)

17. Tuck straps safely away from patient per hospital protocol. (Figure 46)

⚠️ Warning: Ensure walkways are clear of straps to avoid tripping hazard.

18. Center the patient on the Glide Sheet.

19. Move the lift away from the patient and out of the working space.

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### Removing/Placing linens using AirTAP LC

#### Operation: To remove linens

1. Healthcare providers stand on opposite sides of the bed.

2. Lock the bed brakes and raise the bed rails.

3. Place the bed in a horizontal position and at the healthcare provider’s waist level.

4. Remove the Wedges, if present, by grasping the corner and slowly rotating out.

5. Center the patient on the Glide Sheet and the support surface.

6. Push the Air Pump / Booster Pump point of care power button on the Quick Connect hose nozzle and closely observe the patient.

7. Allow the Glide Sheet to fully inflate.

8. Starting at the head of the bed, lift the corners of the linen off the mattress. (Figure 47)

9. Both healthcare providers hold the Glide Sheet with one hand and gently pull the linen toward the foot of the bed, allowing it to pass below the inflated Glide Sheet. (Figure 48)


11. Healthcare provider B: Remove the linen from the bed and follow your facility’s protocol for handling soiled linens. (Figure 49)

⚠️ Warning: Always ensure the bed rails are raised and the bed brakes are locked.

⚠️ Warning: Always use more than one trained healthcare provider to laterally transfer, vertical lift transfer, or reposition a patient to avoid the risk of healthcare provider injury. **Note:** Exterior bed rails on both surfaces should be raised prior to transfer to prevent the patient from falling. If there are no bed rails used, the healthcare providers are responsible for making sure the patient does not reach outside the boundaries of either support surface.

⚠️ Warning: To avoid potential skin injury, prevent patient’s heels and head from dragging across the bed during repositioning. Refer to your facility’s skin injury and prevention protocol and the National Pressure Ulcer Advisory Panel (NPUAP) Guidelines.

### Removing linens using AirTAP LC

#### Operation: To remove linens

1. Healthcare providers stand on opposite sides of the bed.

2. Lock the bed brakes and raise the bed rails.

3. Place the bed in a horizontal position and at the healthcare provider’s waist level.

4. Remove the Wedges, if present, by grasping the corner and slowly rotating out.

5. Center the patient on the Glide Sheet and the support surface.

6. Push the Air Pump / Booster Pump point of care power button on the Quick Connect hose nozzle and closely observe the patient.

7. Allow the Glide Sheet to fully inflate.

8. Starting at the head of the bed, lift the corners of the linen off the mattress. (Figure 47)

9. Both healthcare providers hold the Glide Sheet with one hand and gently pull the linen toward the foot of the bed, allowing it to pass below the inflated Glide Sheet. (Figure 48)


11. Healthcare provider B: Remove the linen from the bed and follow your facility’s protocol for handling soiled linens. (Figure 49)
12. Healthcare provider B: Turn the Air Pump / Booster Pump off by pressing the power button.

13. Allow the Glide Sheet to fully deflate and smooth out any wrinkles in the Glide Sheet or M² Microclimate Body Pad. (Figure 50)

**Operation: To place linens**

**Warning:** Always ensure the bed rails are raised and the bed brakes are locked.

**Warning:** Always use more than one trained healthcare provider to laterally transfer, vertical lift transfer, or reposition a patient to avoid the risk of healthcare provider injury. Note: Exterior bed rails on both surfaces should be raised prior to transfer to prevent the patient from falling. If there are no bed rails used, the healthcare providers are responsible for making sure the patient does not reach outside the boundaries of either support surface.

**Warning:** To avoid potential skin injury, prevent patient’s heels and head from dragging across the bed during repositioning. Refer to your facility’s skin injury and prevention protocol and the National Pressure Ulcer Advisory Panel (NPUAP) Guidelines.

1. Healthcare providers stand on opposite sides of the bed.
2. Lock the bed brakes and raise the bed rails.
3. Place the bed in a horizontal position and at the healthcare provider’s waist level.
4. Remove the Wedges, if present, by grasping the corner and slowly rotating out.
5. Center the patient on the Glide Sheet and the support surface.
6. Tuck the bottom edge of the linen beneath the patient’s pillow, Glide Sheet, and shoulders.
7. Anchor the top corners of the linen to the mattress. (Figure 51)
8. Healthcare provider A: Closely observe the patient and hold the Glide Sheet in place.

**Warning:** Before inflating, ensure lines and tubing are free to move with the patient and that nothing obstructs the area over which the Glide Sheet will pass. Ensure that the Hose will move freely with the Glide Sheet.

9. Healthcare provider B: Turn the Air Pump / Booster Pump on by pressing the power button.

10. Allow the Glide Sheet to fully inflate.

**Warning:** Never leave a patient unattended while the Lift Compatible Glide Sheet (“The Glide Sheet”) is inflated or the Air Pump / Booster Pump is powered on.

11. Both healthcare providers hold the Glide Sheet with one hand and gently pull the linen toward the foot of the bed, allowing it to pass below the inflated Glide Sheet. (Figure 52)

12. Once the linen is at the bottom edge of the Glide Sheet, healthcare provider A hold the Glide Sheet in place and healthcare provider B turn the Air Pump / Booster Pump off by pressing the power button.

13. Allow the Glide Sheet to fully deflate. Anchor the bottom corners of the linen to the mattress and smooth out any wrinkles in the Glide Sheet or M² Microclimate Body Pad.
### Symbols on the Sage AirTAP® LC

- General warning
- Caution
- Safe working load
- Consult instructions for use / Operator’s Manual
- Do not wash
- Do not bleach
- Do not tumble dry
- Do not iron
- Do not dry clean
- Not made with natural rubber latex
- Compatible with hook lifts
- Non sterile

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### Specifications – Glide Sheet

<table>
<thead>
<tr>
<th>Safe working load</th>
<th>Note: SWL indicates the sum of the occupant and accessory weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>600 lbs</td>
</tr>
<tr>
<td></td>
<td>272 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Overall product width</th>
<th>37 in. ± 1 in.</th>
<th>94 cm ± 2.5 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mat width</td>
<td>37 in. ± 1 in.</td>
<td>94 cm ± 2.5 cm</td>
</tr>
<tr>
<td>M2 Microclimate Body Pad width</td>
<td>36 in. ± 1 in.</td>
<td>91.5 cm ± 2.5 cm</td>
</tr>
<tr>
<td>Overall product length</td>
<td>65 in. ± 1 in.</td>
<td>165 cm ± 2.5 cm</td>
</tr>
<tr>
<td>Mat length</td>
<td>65 in. ± 1 in.</td>
<td>165 cm ± 2.5 cm</td>
</tr>
<tr>
<td>M2 Microclimate Body Pad length</td>
<td>51 in. ± 1 in.</td>
<td>129.5 cm ± 2.5 cm</td>
</tr>
</tbody>
</table>
# Air Pump / Booster Pump technical specifications

<table>
<thead>
<tr>
<th><strong>Product Code</strong></th>
<th><strong>7455 (US Configuration)</strong></th>
<th><strong>7450 (US Configuration)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Rating</strong></td>
<td>120 V AC / 60 Hz / 10 AMP</td>
<td>120 V AC / 60 Hz / 10 AMP</td>
</tr>
<tr>
<td><strong>Ambient Operating Range</strong></td>
<td>50°F (10°C) - 86°F (30°C)</td>
<td>50°F (10°C) - 86°F (30°C)</td>
</tr>
<tr>
<td><strong>Relative Humidity Operating Range</strong></td>
<td>10 - 70% Non-Condensing</td>
<td>10 - 70% Non-Condensing</td>
</tr>
<tr>
<td><strong>Operating Pressure</strong></td>
<td>70 kPa - 106 kPa</td>
<td>70 kPa - 106 kPa</td>
</tr>
<tr>
<td><strong>Outer Dimensions</strong></td>
<td>10.24''H x 26.58''L x 11.80''W (260mm x 675mm x 300mm)</td>
<td>17.28''H x 14''W x 12.5''D (445mm x 356mm x 318mm)</td>
</tr>
<tr>
<td><strong>Gross Weight (G.W.)</strong></td>
<td>14 lbs (6.35kg)</td>
<td>12.5 lbs. (5.7 kg)</td>
</tr>
<tr>
<td><strong>Max Cart Loading</strong></td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Classification</strong></td>
<td>Class II With Functional Earth</td>
<td>Class II With Functional Earth</td>
</tr>
<tr>
<td><strong>Degree of Protection Against Ingress of Water</strong></td>
<td>IPX0</td>
<td>IPX0</td>
</tr>
<tr>
<td><strong>Mode of Operation-Duty Cycle</strong></td>
<td>30 sec on 1 min off 5 Cycles w/30min rest</td>
<td>30 sec on 1 min off 5 Cycles w/30min rest</td>
</tr>
<tr>
<td><strong>Storage / Transport Temperature</strong></td>
<td>24.8 - 158°F (-4 - 70°C)</td>
<td>24.8 - 158°F (-4 - 70°C)</td>
</tr>
<tr>
<td><strong>Storage / Transport Relative Humidity</strong></td>
<td>10% to 70%</td>
<td>10% to 70%</td>
</tr>
<tr>
<td><strong>Characteristics-Construction</strong></td>
<td>Plastic Housing</td>
<td>Plastic Housing</td>
</tr>
<tr>
<td><strong>Characteristics-Motor</strong></td>
<td>Two state, single speed, 120 volts, double ball bearings, low-noise bypass discharge, 40 peak horsepower</td>
<td>Two state, single speed, 120 volts, double ball bearings, low-noise bypass discharge, 40 peak horsepower</td>
</tr>
<tr>
<td><strong>Characteristics-Airflow</strong></td>
<td>5,300 ft/min / 1,615 m/min</td>
<td>5,900 ft/min / 1,798 m/min</td>
</tr>
<tr>
<td><strong>Characteristics-Hose</strong></td>
<td>8 ft x 1.5 in / 3.048 m x 3.81 cm commercial strength flexible hose</td>
<td>8 ft x 1.5 in / 3.048 m x 3.81 cm commercial strength flexible hose</td>
</tr>
<tr>
<td><strong>Characteristics-Nozzle</strong></td>
<td>Custom heavy duty right-angle fast connector</td>
<td>Custom heavy duty fast connector</td>
</tr>
<tr>
<td><strong>Characteristics-Cord / Connector</strong></td>
<td>Heavy duty medical grade - grounded IEC female</td>
<td>Heavy duty medical grade - grounded IEC female</td>
</tr>
<tr>
<td><strong>Fuse Type</strong></td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Disposal</strong></td>
<td>Follow national requirements</td>
<td>Follow national requirements</td>
</tr>
<tr>
<td><strong>Consult Instructions for Use</strong></td>
<td>Refer to accompanying documents</td>
<td>Refer to accompanying documents</td>
</tr>
<tr>
<td><strong>Protective Earth (Ground)</strong></td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Applied Parts</strong></td>
<td>Air Assist Mat is Type B Applied Part</td>
<td>Air Assist Mat is Type B Applied Part</td>
</tr>
<tr>
<td><strong>Caution</strong></td>
<td>Do not use in the presence of flammable anesthetics and other flammable gases or vapors.</td>
<td>Do not use in the presence of flammable anesthetics and other flammable gases or vapors.</td>
</tr>
<tr>
<td><strong>Filter</strong></td>
<td>Glass Fiber Tested per IEST RP-CC001.5. ePTFE Filter Media Lot Tested per ASTM D 2986.</td>
<td>5 micro poly filter</td>
</tr>
</tbody>
</table>

**Note:** The Emissions characteristics of this equipment make it suitable for use in industrial areas and hospitals (CSHP). If used in a residential environment (for which CGHP 11 Class B is normally required), this equipment might not offer adequate protection to radio-frequency communication services. The user might need to take mitigation measures, such as relocating or re-orienting the equipment.