

## SELECTAIR G5 INSTRUCTIONS FOR USE

Powered Support Surface  
Control Units  
SelectAir MAX+  
HybridSelect  
SelectAir Standard  
Used with SelectAir and  
Fusion Mattresses



**HybridSelect**



**SelectAir MAX+**



**SelectAir Standard**



**SUPPLIER:** This manual must be given to the user of this product.

**USER:** Before using this product, read this entire manual and save for future use.

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MOXI Enterprises, LLC has a policy of continual product improvement and reserves the right to amend specifications presented in this manual.

## Introduction

### **Intended Use**

*SelectAir*® low air loss mattress systems are pressure relief mattress systems designed for the treatment and/or prevention of pressure ulcers and other tissue trauma, including burns and other wounds. *SelectAir* systems are designed to work with any standard hospital mattress and will fit on a variety of different bed frames.

### **Indications for Use**

- |                      |                      |                     |
|----------------------|----------------------|---------------------|
| • Pressure Ulcers    | • Burns              | • Geriatrics        |
| • Rehabilitation     | • Spinal Cord Injury | • Arthritis         |
| • Oncology           | • Orthopedics        | • Skin Flaps/Grafts |
| • Multiple Sclerosis | • Neurosurgery       | • Pain Management   |
| • Cardiovascular     | • Plastic Surgery    | • Dermatology       |
| • AIDS               | • Extended Care      | • ALS               |

The patient is not the intended operator of this device. The caregiver may, at their discretion, allow the patient to use the iControl accessory.



### **ATTENTION: ELECTRICAL EQUIPMENT**



1. Class I equipment
2. Type BF equipment
3. Ordinary equipment
4. Continuous Operation
5. Environmental Conditions:
  - Operating Limits:

Temperature:	50°- 90°F (10°C to 32°C)
Humidity:	80% RH Maximum
Altitude:	6,560 Ft. (2,000 Meters)
  - Storage Limits:

Temperature:	32°-122°F (0°C to 50°C)
Humidity:	80% RH Max.

**Symbol Legend**

Electrical Shock Hazard



Risk of Fire



Refer to Instructions for Use



Type BF Equipment



CPR Button

Illumination indicates CPR shutoff is available to use.



Power On/Off Button

Blue Light indicates the unit is in use.

White Light indicates the unit is ready to use.



Firmier Button



Softer Button



Firm Button



Upright Button



Manual Setup Button



AutoComfort Button



Pulsate Button



Lock/Unlock Button

White light indicates Lock is ready to use.

Blue Light indicates unit is Locked.

Pulsate, AutoComfort, Manual, Firm, Upright, Firmier, Softer Buttons

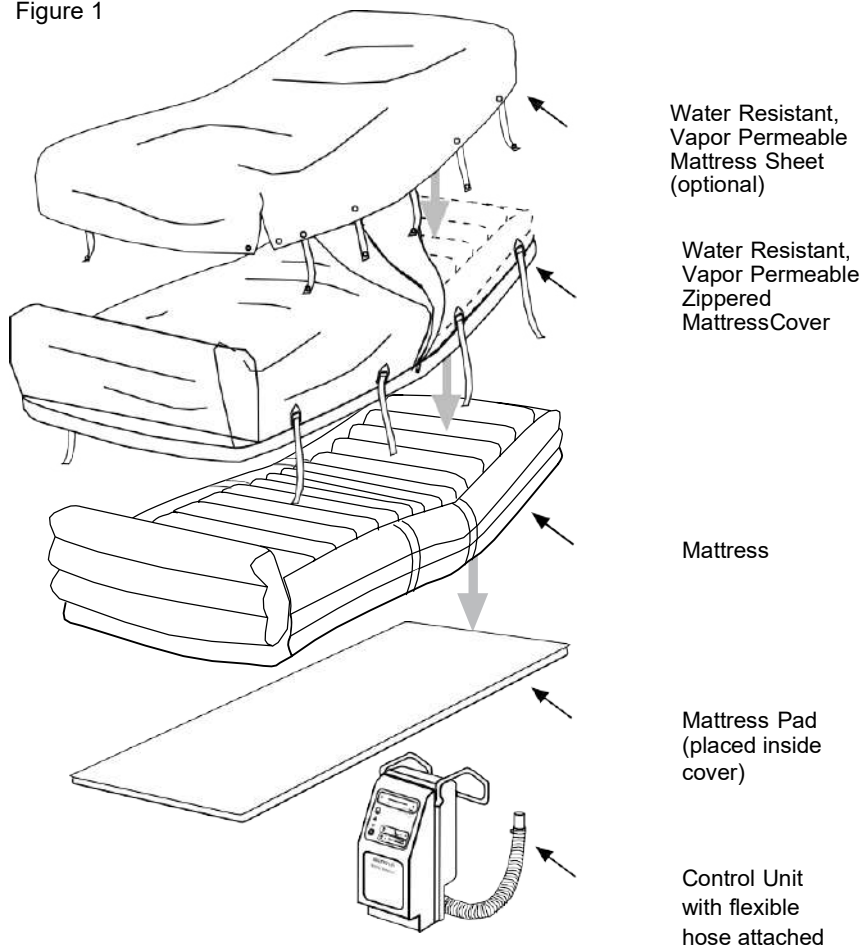
White Light indicates the function is ready to use.

No light indicates the function is not available. i.e., the unit is locked.

*The above symbols are used on product labeling and in this manual as defined by International Electrotechnical Commission or MOXI Enterprises, LLC.*

**System Components for Mattress Replacement Models**

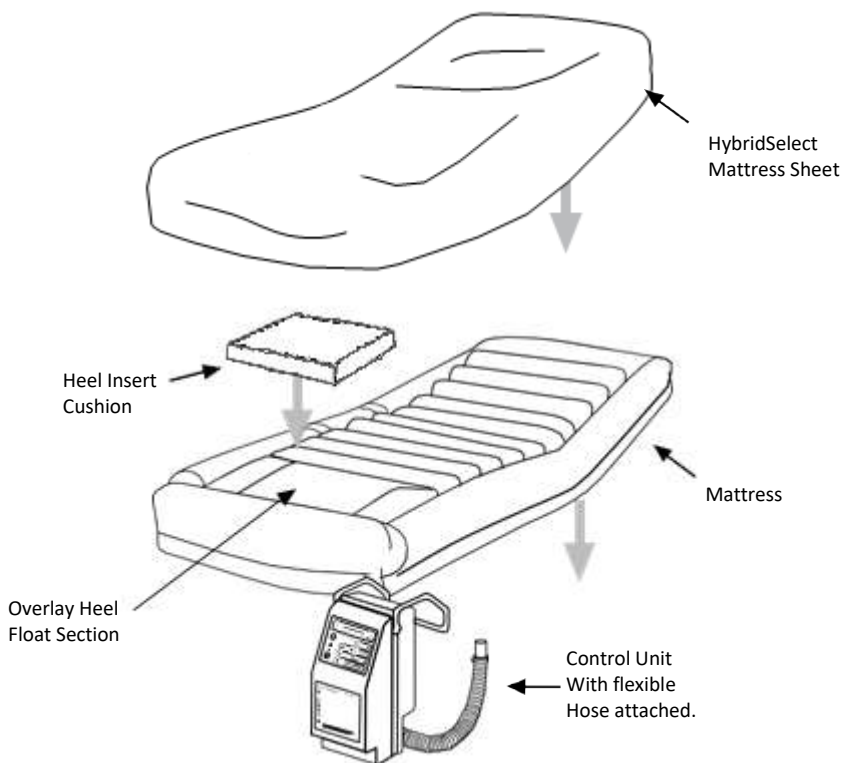
Figure 1



**Note:** SelectAir Standard and SelectAir MAX+ mattress replacements are available in different heights, lengths, and widths.

System Components for HybridSelect Mattress Overlay Models

Figure 2

Safety Precautions

Please read and thoroughly understand the following safety precautions before using this product.

**WARNINGS**

- Explosion risk if used in the presence of flammable substances. Not intended for use with flammable anesthetics.
- Risk of fire, replace fuse as marked on control unit:
- Possible fire hazard. This product is safe to use with nasal, mask, or half bed length tent type oxygen administering equipment. Oxygen tent shall not extend below the mattress support level or enclose the control unit. This product is not to be used in oxygen rich environments.
- Electrical shock hazard. Do not remove back cover.
- **WARNING: TO AVOID RISK OF ELECTRICAL SHOCK UNIT MUST BE CONNECTED TO A GROUNDED RECEPTACLE.**



- Do not use in the presence of smoking materials or open flame. Air flowing through air mattress will support combustion.
- **WARNING: DO NOT MODIFY EQUIPMENT, RISK OF ELECTRICAL SHOCK**

**PRECAUTIONS**

- Grounding reliability can only be achieved when the power cord supplied with the control unit is connected to an equivalent grounded receptacle.
- Unplug the control unit from the wall outlet before cleaning.
- Refer all servicing to qualified service personnel.
- For mattress overlays, use a side rail extender if the top of the bed rails are less than six (6) inches (15 cm) from the top of the mattress overlay.
- The patient must always remain on the top of the mattress during use.

**WARNING! Entrapment and Fall Risks**

Medical experts and governmental entities in various countries have determined that the use of side rails on beds may present a life-threatening entrapment danger to the patient. However, the use of side rails may be clinically indicated for certain patients. The decision whether to use side rails should be based upon applicable laws and regulations and based on a case-by-case assessment by clinicians and/or caregivers actively involved in the patient's care, based upon each patient's individual condition, and needs. Such an assessment may include, but not be limited to the patient's physique, overall condition, level of confusion or cognitive impairment (with or without medication), mobility (or lack thereof) history of falls, combativeness, attempts to get out of bed, uncontrolled body movement, and the patient's frustration when confined. In the event a decision is made to use side rails, knowledgeable and properly trained caregivers should ensure that any identified risks associated with the patient becoming entrapped in the side rails are identified and steps are taken to minimize such risks.

In the event a decision is made to not use side rails, knowledgeable and properly trained caregivers should ensure that any identified risks associated with the patient falling out of bed are identified and steps are taken to minimize such risks.

Whether or not side rails are used with this mattress product, properly trained and knowledgeable caregivers should determine whether to use pads, bolsters, alarms, high-low beds, or other positioning aids and safety devices that are available on the market to reduce the risk of entrapment or falls.

**Set Up:** While side rails should be used during setup, an individual assessment should be made for each patient to determine whether the patient's then current condition would be benefited using side rails with this mattress product.

**Proper Inflation:** When using the *SelectAir* mattress replacement or mattress overlay, make sure the product is properly inflated, such that the patient will be immersed into the mattress. Proper inflation offers the maximum therapeutic benefit to the patient and reduces the risk of the patient inadvertently rolling off the product. Over-inflation increases the likelihood that a patient will roll off a mattress replacement or overlay. For these reasons, it is important that the product be set up by knowledgeable caregivers properly trained in the use of this product.

### **Important Safeguards**

Please read and follow the instructions regarding *SelectAir* mattress and overlay systems and retain this manual for future reference. Follow all warnings and instructions marked on the control unit and mattress as well as those listed in this manual.

1. DO NOT place liquids on top of the control unit.
2. DO NOT place the control unit on an unstable surface because it may fall, causing severe damage to the control unit.
3. DO NOT use a control unit if it appears to be damaged. Consult an authorized MOXI / *SelectAir* distributor.

### **Handling**

Handle the control unit with care. Dropping it may cause internal damage and can cause the control unit to malfunction. The control unit should always be hung by its handle, even during transport.

### **Dust or Dirt**

Keep the *SelectAir* control unit away from excessive dust or dirt, which can cause premature failure. The control unit is supplied with a replaceable air filter that should be replaced every 90 days under normal conditions. The air filter should be inspected and cleaned every month under normal conditions, and more frequently when used in abnormally dusty or dirty environments.

### **Cleaning**

Unplug the control unit from the wall outlet before cleaning. Do not use harsh liquid chemicals, cleaning solvents or aerosol cleaners. Water and a mild dish washing detergent may be used on a soft, damp cloth or paper towel. Please refer to Section 8.

### **Accessories**

Use only manufacturer-recommended accessories. Any mounting of the control unit must follow the manufacturer's instructions. The hospital bed footboard must be able to support the control unit and any additional weight.

### **Heat and Ventilation**

Refer to page 2 of this manual for operating and storage limits. It is important that this opening is not blocked or covered during operation. The control unit should not be placed in a built-in installation, such as a closet or rack unless proper ventilation is provided.



**Power Sources**

The control unit should only be operated from an appropriate AC outlet capable of safely delivering at least five (5) amps of electrical current. If you are not sure of the type of power supply available, consult your MOXI / *SelectAir* distributor or a certified electrician.

**Object Entry and Excess Weight**

Never push objects of any kind into this product. Excess weight placed on the control unit can cause damage to the housing.

**Grounded Power Cord and Plug**

This control unit is equipped with a grounded power cord. The plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, contact your MOXI / *SelectAir* distributor prior to operating the control unit. Do not alter the plug to fit into the power outlet. The power supply cord should be routed so it will not be walked on or pinched by items placed upon it or against it.

Do not position the control in a way that makes the power switch difficult to operate or the cord difficult to remove.

**Overloading**

Overloading wall outlets can result in a risk of fire or electric shock. A single grounded extension cord (three wires with grounded plugs) of less than 25 feet (7.6 meters) in length and with a minimum of a 15-amp rating can be used with the control unit.

**Servicing**

Do not attempt to service this control unit yourself. Opening or removing the cover may expose you to hazardous voltages. Refer all servicing to your MOXI / *SelectAir* distributor. Breaking or removing housing seals voids the warranty of the control unit. This does not apply to filters or fuses.

**Mattress Storage**

Clean and disinfect product as per this operation manual and store in a dry environment at room temperature.

**Replacement Parts**

When replacement parts are required, be sure that the control unit uses replacement parts from the manufacturer. Unauthorized substitutions will void the warranty.

**Safety Check**

Upon completion of any service to this product, the MOXI / *SelectAir* distributor must perform safety checks to determine that the product is in a safe operating condition.

**Interference**

The control unit is designed to prevent radiation of radio-frequency energy. There is no guarantee that communications or other radio-frequency interference will not occur in a particular installation. If this control unit does cause harmful interference to radio or television

reception, which can be determined by turning the control unit off and on, the user is encouraged to try to correct the interference by one or more of the following steps:

- Make sure electrical cord is properly grounded.
- Relocate the receiving antenna of the device affected.
- Increase the separation between the control unit and the device affected.
- Connect the control unit to an outlet that is on a different circuit than the device being affected.

**CAUTION:**

**THE MATTRESS AND CONTROL UNIT REQUIRE REGULAR  
MAINTENANCE TO ENSURE PERFORMANCE AND AVOID PREMATURE  
WEAR, DAMAGE, AND INJURY.**

---

**Installation - Mattress Replacements**

**Note:** Make sure that the mattress hose fitting is at the foot end of the bed frame.

**A. When using the Mattress Cover with Mattress Replacement:**

While the mattress is inflating, it may be helpful to partially unzip the cover and guide the mattress into the correct formation.

1. *Always* remove the existing mattress from the bed.
2. Before placing mattress inside mattress cover, ensure that all four side bolster straps (two per side) are securing side bolsters to mattress sections and Velcro® fasteners are mated.
3. Insert the mattress and mattress pad inside the mattress cover and zip the cover shut. Place on the bed frame. Be sure the hole in the mattress cover is in the correct position to fit around the hose fitting outlet on the mattress.
4. Strap the cover to the bed frame using the four straps located on each side of the mattress cover.

**B. When using the Mattress Cover and the Mattress Sheet with Mattress Replacement:**

1. *Always* remove the existing mattress from the bed.
2. Before placing mattress inside mattress cover, ensure that all four side bolster straps (two per side) are securing side bolsters to mattress sections and Velcro® fasteners are mated.
3. Insert the mattress and mattress pad inside the mattress cover and zip the cover shut. Place on the bed frame. Be sure the hole in the mattress cover is in the correct position to fit around the hose fitting outlet on the mattress.
4. Strap the cover to the bed frame using the four straps located on each side of the mattress cover.
5. Fit the mattress sheet over the covered mattress and attach the straps to the bed frame.

**Installation - Overlay Models**

**Note:** Make sure that the mattress hose fitting is at the foot end of the bed frame.

**A. Mattress Overlay Instructions**

1. Place the mattress overlay on top of the existing mattress.
2. Insert hose into the foot section of the mattress overlay.
3. Place the Heel Insert cushion into the HealFloat foot section of the mattress overlay.
4. After inflating the mattress overlay, secure the mattress sheet to the mattress.

**Installation Control Unit - All Models**

1. Place the control unit handle over the edge of the footboard. The handle will self-adjust to the thickness of the footboard.

**Note:** The control unit must be hung by its handle. If a footboard is not available, the control unit may be hung on a chair.

2. Insert the hose fitting with the clip into the air outlet of the control unit and turn 1/4 turn. Ensure the hose fitting is firmly seated and that the latch 'clicks' into place.
3. Insert the other end of the hose into the mattress hose fitting located at the foot of the mattress.
4. Ensure the power entry switch is "OFF" as shown below.



5. Firmly insert the power cord into the outlet on the control unit.
6. Insert the other end of the power cord into an equivalent grounded power receptacle.
7. Switch the power entry switch to "ON" and refer to Manual Setup.

**Note:** Check to make sure all hose connections are secure before turning on.

**Setup**

1. Allow the mattress to FULLY inflate before making any adjustments or placing the patient on the mattress.
2. Press the firm mattress button to make the mattress firm.



3. Place the patient on the mattress, centered and in their habitual resting position, i.e., on their back, on their side, etc.

**CAUTION:** The bed rails should be locked in their highest position before proceeding.

4. Once the patient is in position turn off the Firm mode by pressing the Firm button again.



5. Determine the patient's weight and set the Comfort Level using the Comfort Level "Softer" and "Firm" buttons to the matching information on the Comfort Level Charts (pg.13-14).



**Note:** Due to the different shapes and sizes of each patient, the settings recommended on the Comfort Level Charts are only a guideline. User judgement must be applied to properly adjust the Comfort Level to the setting that best suits the patient.

6. Allow air in the mattress to equalize for a minimum of two (2)

minutes before proceeding.

7. Check to ensure that the patient has immersed into the mattress about 40 – 50%. If they have not, adjust the Comfort Level using the Comfort Level “Softer” and “Firmer” buttons and repeat steps 6 and 7 until the proper results are achieved.
8. Once the desired setting is found, check to see if there is adequate clearance between the patient and the bed frame by placing your hand between the patient’s backside and the bed frame. There should be 3-4 inches (7-10 cm) of clearance, and the patient should not be touching the bed frame at any point. Adjust the Comfort Level setting until the proper results are achieved.
9. Follow facility protocol, applicable laws and regulations, and individual user safety considerations for usage of bed frame side rails.

### **Comfort Level Reference Charts**

SelectAir MAX+ Pump		
Weight (kg)	Weight (lbs)	Range Rango
45	100	4.5-5
68	150	4.5-5.5
91	200	5-6
113	250	6-6.5
136	300	6-7.5
159	350	7-8
181	400	7.5-8.5
204	450	8-9.5
227	500	8.5-10
249	550	9-10.5
272	600	9.5-11
295	650	10-11.5
318	700	10.5-12
340	750	11-12.5
363	800	11.5-13
386	850	12-13.5
408	900	12.5-14
431	950	13-14.5
454	1000	13.5-15.5
<b>Note:</b> This chart is only a guideline as weight distribution varies from patient to patient.		

Comfort Level Chart - Tabla de nivel de confort

HybridSelect Pump SelectAir Standard Pump			Comfort Level Chart - Tabla de nivel de confort						
Weight (kg)	45	68	91	113	136	159	181	204	227
Weight (lbs)	100	150	200	250	300	350	400	450	500
Comfort Level Range	5-7	5.5-8	6-8.5	6.5-9	7-10	8-10.5	8.5-11.5	9.5-12.5	10-13.5
Rango de nivel de confort									
Note: This chart is only a guideline as weight distribution varies from patient to patient.									

**Note:** These charts are only a guideline as weight distribution varies from patient to patient.

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**Maintenance****Control Units**

All control units are designed to be virtually maintenance free. The only servicing required is cleaning of the housing and changing the filter.

Do not attempt to service the control unit while it is in use.

The control unit contains no other user serviceable parts, and it should only be opened by qualified service personnel.

**DANGER:** THE FUSE MUST ONLY BE REPLACED WITH THE PROPER FUSE AS LISTED IN THIS MANUAL. DO NOT REPLACE THE FUSE WITH ONE OF HIGHER VALUE OR OF DIFFERENT TYPE.

FUSE SPECIFICATIONS – 5A, Time Delay, 250VAC

Fuse Type	Glass
Protection Type	Time Delay
Current	5A
Voltage	250VAC
Breakthrough Current	35 A @ 250 VAC
Overall Length	20mm
Overall Diameter	5mm
Number of Elements	1
Specifications Met	UL Recognized Component, CSA Certified, IEC European Standards

To replace the fuse:

1. Turn off the main power switch on the power entry module, located on the left side of the unit.
2. Unplug the line cord from the wall socket, remove the other end from the power entry module, and set aside.
3. Insert a small flat screwdriver into the slot located above the cord receptacle and carefully pull out the fuse holder.
4. Carefully remove the fuse holder to access the fuses.
5. Check fuses with a continuity tester.
6. Replace bad fuse(s) with the correct version listed on the information label.
7. Replace the fuse holder in the power entry module.
8. Plug the line cord into the power entry module and plug the other end into an appropriate grounded outlet.
9. The unit is now ready to resume normal operation.



**Filter**

The filter should be inspected and cleaned or replaced every month under normal conditions.

**Important: Keep the filter clean and the air opening clear of obstacles.  
Do not use the control unit without a filter.**

To check and change the filter:

1. Firmly pull forward and then down on the filter tray located at the front of the control unit. The filter tray will automatically stop in the fully opened position. See figure below. It is not necessary to completely remove the filter tray.
2. Remove the filter from the filter tray by grabbing the filter by its edges and inspect the condition of the filter.
3. If dirty, wash the filter in a mild detergent. Let the filter dry completely before replacing the filter back into the filter tray. If the filter is torn or in bad condition, replace it with a new one.  
**Note: Replace the filter by firmly pressing the filter in around the edges in the filter tray.**
4. Ensure the filter is lying flat and push the filter tray up into the housing.

CLEANING DO'S AND DON'TS FOR HEALTHCARE FABRICS**Cleaning DO's**

- **DO** clean all stains promptly
- **DO** use only fabric-safe cleaning agents or disinfectants
- **DO** use appropriate quaternary or phenolic type disinfectants if nylon fabric needs to be sanitized
- **DO** dilute all disinfectants and germicides in accordance with manufacturer's product instructions
- **DO** wipe fabric clean with neutral soap suds and lukewarm water
- **DO** rinse thoroughly
- **DO** allow adequate drying time before returning to service
- **DO** use a soft sponge with liquid cleaner as specified on the manufacturer's product label for hard-to-clean areas
- **DO** clean daily to control or prevent odors on long term incontinent applications
- **DO** use a scented cleaner or disinfectant that is designed for use on fabrics if needed to control odors on long term incontinent applications
- **DO** be aware that staining chemicals and cleaning agents can affect fabric strength, finish and color
- **DO** inspect mattresses frequently to ensure that new stains can be treated promptly
- **DO** ask your support surface manufacturer for additional information related to the care and cleaning of the support surface

**Cleaning DON'Ts**

- **DO NOT** machine wash or machine dry
- **DO NOT** use harsh cleaners or solvents
- **DO NOT** use cleaning agents designed for use on hard, non-porous or metal surfaces
- **DO NOT** use iodophor type disinfectants, such as Betadine, because they will stain the fabric
- **DO NOT** use household bleach or concentrated cleaning agents, disinfectants, or germicides without diluting the product according to the manufacturer's instructions
- **DO NOT** allow any cleaning agent to remain in contact with the fabric or "dwell" on the fabric for a prolonged time
- **DO NOT** fail to adequately rinse the cleaning agent or disinfectant from the fabric

*The information contained herein is offered as being typical for the indicated product. The customer is solely responsible for determining fitness for use. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. Manufacturer disclaims liability for any incidental or consequential damages resulting from any breach of the express warranty contained herein. Replacement of fabric only shall be the exclusive remedy for any breach of the express warranty. The above cleaning recommendations are offered as information regarding commonly accepted cleaning practices for healthcare fabrics. No fabric can be made permanently "stain proof."*

**Control Unit and Hose (between patients)**

1. Unplug the control unit from the wall outlet before proceeding.
2. Wipe down entire control unit and all hoses with a disinfectant solution. MOXI recommends using LpHse® diluted 1:256.
3. Allow solution to remain on system for 10 minutes.
4. Wipe down entire control unit and dry with disposable cleaning cloth or sponge.
5. Only use a mild detergent (dishwashing) and warm water to clean the filter. Rinse the filter with cool water and thoroughly air dry the filter before replacing.

**All Control Units**

**DANGER:** Disconnect control unit from main power supply before cleaning. Failure to do so could result in electric shock.

**Note:**

- Do not immerse the control unit in liquids.
- Do not heat or steam autoclave the control unit.

**Note:** Do not saturate the surface of the control unit with liquids. Wipe off any dust. If necessary, clean the housing exterior with a disinfectant solution or mild detergent and a damp cloth. Wipe dry.



**DANGER:** Make sure the control unit is completely dry before attempting to reconnect or operate it.

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**Troubleshooting****Problem/Corrective Action****1. Control unit does not function, screen and power light not illuminated.**

- Ensure the power cord is connected to a functioning power outlet supplying voltage indicated on the control unit label.
- Ensure that power cord is fully inserted into the power inlet receptacle on the side of the Control unit.
- Ensure the power switch on the power entry receptacle is switched to the "On" position.
- If above conditions are verified, check the control unit power fuse in the power inlet receptacle. See the "Maintenance" section of this manual for instructions on checking/changing the fuse.
- If, after replacement, the fuse blows again when power is applied, remove the unit from service and contact your MOXI / Select Air Distributor for assistance.

**2. CPR Mode displays on screen.**

CPR Shutdown activated. Turn power switch on side of unit off for 10 seconds and back on to resume normal operation.

**3. Control Unit does not function, Leak Detected displays on screen.**

- Ensure hose connections at control unit and mattress are secured, turn power switch on side of unit off for 10 seconds and back on to resume normal operation.
- If alarm triggers again after above steps, check mattress for large air leaks.

**4. Control Unit does not function, LCD Screen goes**

**dark.**

- Ensure the power cord is connected to a functioning power outlet supplying voltage indicated on the control unit label.
- Ensure that power cord is fully inserted into the power inlet receptacle on the side of the control unit.
- Verify the power switch on the side of the unit is in the on position.
- Press power button on front panel to resume normal operation.

**5. Control Unit appears to function normally, but mattress does not inflate.**

- Check hose for crushed or kinked areas, or internal blockages.
- Remove filter tray and ensure air inlet vent in control unit is free of obstruction.
- Ensure that mattress is not twisted or folded at hose connection.
- Check comfort level setting of control unit. Low setting may cause some sections of the mattress to inflate very slowly.

**6. Control Unit appears to function normally but is abnormally warm.**

Some areas of the control unit case will become slightly warm during normal operation. If in question, compare temperature to another unit operating in the same conditions and at the same comfort level.

- Ensure that Control Unit air inlet is not blocked or obstructed by bedding or other materials.
- Ensure that there are no kinks or obstructions in hose to mattress.
- Ensure that ambient temperature is not above 90°F (32°C).
- Ensure that the control unit is not being used at an altitude exceeding 6560 feet (2000 meters)
- Ensure that the mattress is being used with the correct cover and/or sheet. Air must be allowed to escape from the air-loss holes in the top surface of the inner mattress for proper function.

**7. Control Unit runs but does not respond to keypad entries.**

- Ensure operating environment temperature is not below 50°F (10°C). Allow control unit to warm to room temperature before use if stored in cold area.
- Turn power switch on side of unit off for 10 seconds and back on to resume normal operation.
- If problem persists, contact your MOXI / Select Air Distributor for assistance.

**8. Patient “bottoms out” (contacts bed frame) after running AutoComfort mode.**

- AutoComfort only provides approximate adjustment of comfort level. The caregiver must ensure correct flotation level of patient.
- Ensure patient has not changed their weight distribution on the mattress since setting comfort level, such as lying on side or drawing legs upward.
- See the “Manual Setup” section.

**9. Refer to the "Safety Precautions" and "Important Safeguards" sections of this manual for additional guidance.**

**SelectAir MAX+, Hybrid, and Standard Models****Upright Mode**

The Upright Mode increases system pressure to compensate for the patient sitting in the upright position.

**Note:** When the patient is sitting up in bed, additional system pressure is required to keep the patient properly supported.

1. Before raising the patient to a sitting position, activate the Upright Mode by pressing the "Upright" button once. The upright button should illuminate, and the screen should display "Upright."



2. To deactivate the Upright Mode, first lower the patient to a prone position.

Then press the "Upright" button. The upright button should go out and the screen should no longer display "Upright."

**Note:** Do not leave the control unit in the Upright Mode when the patient is lying flat or at a slight angle.

**Note:** Ensure the patient has at least one (1) inch (2.5 cm) of clearance between the bed frame and their body. If not, manually increase system pressure to compensate.

**Firm Mattress Mode**

To aid in the placement and maneuvering of the patient, the control unit is equipped with a Firm Mattress Mode. The Firm Mattress Mode will fully inflate the mattress making it firm for easy positioning. The Firm Mattress Mode will automatically terminate when the time displayed on the keypad has expired.

1. Press the "Firm" button on the keypad. The display will indicate the remaining time.
2. To end the cycle, press the Firm button again.



**Note:** The *SelectAir* control unit is equipped with an internal timer which will turn the Firm Mattress Mode off after 24 minutes.

### CPR/Emergency Deflate

**Important:** In case of a CPR Emergency, turn power OFF by pressing the CPR button on the keypad. To assist in deflating the mattress, disconnect the hose at the mattress or control unit.



### System Lock (MAX+, Hybrid)

Control unit is equipped with the System Lock which suspends normal keypad operations (with exception of Firm Mattress, Upright and CPR on/off) until deactivated. When the Firm button is pressed while the System Lock is activated, the System Lock light will extinguish until the Firm Mattress Mode turns off.

1. To lock the control panel, press the “System Lock” button. The Lock button will illuminate, and the display will show Locked.



2. To unlock the control panel, press and hold the “System Lock” button for ten (10) seconds. Ensure the System Lock light extinguishes.



### Auto Comfort (MAX+)

When Auto Comfort mode is selected the control unit will proceed



through one or several (depending on the patient's body type) cycles and will then calculate the approximate proper setting for the patient. If the setting selected by the control unit is not acceptable, then a second run of the Auto Comfort cycle may be necessary. If manual setup is desired see Manual Setup.

**Note:** Due to the variation in body shapes, Auto Comfort is not effective on patients above 500 pounds (227 kg) nor on mattresses wider than 48 inches (121.92 cm).

1. Turn the control unit on and allow the mattress to fully inflate before making any adjustments or placing the patient on the mattress.
2. Place the patient on the mattress, centered and in their habitual resting position, i.e., on their back, on their side, etc.

**Note:** If allowed, the bed rails should be locked in their highest position before proceeding.

3. Deactivate the Firm Mode before starting Auto Comfort.
4. Press the Auto Comfort button.

**Note:** The patient must remain still while the Auto Comfort light is flashing.



**Note:** Do not press any other keys until the Auto Comfort light is extinguished.

5. Inspect the patient to ensure they have immersed into the mattress about 40-50% and are their backside is not touching the bed frame at any point. If needed, adjust the Comfort Level using the Comfort Level "Softer" and "Firmer" buttons until the proper results are achieved.

### Pulsate Mode (MAX+, Hybrid)

When selected, the control unit will continuously adjust the system pressure (proportional to the Comfort Level setting). Change in pressure is gradual to ensure maximum patient comfort. The Pulsate Mode adjusts as follows:

**Low** – Gradually lowers the comfort level from its current setting by 20% and then gradually increases the comfort level to 20% over the current setting. Complete cycle takes 20 minutes.

**High** – Gradually lowers the comfort level from its

current setting by 20% and then gradually increases the comfort level to 20% over the current setting. Complete cycle takes 5 minutes.

1. To activate, press the Pulsate button and then use the Firmer and Softer buttons to select either High or Low level of Pulsation. Pulsate button will illuminate, and the screen will display Pulse.



2. To deactivate the Pulsate Mode, press the Pulsate button and then use the Firmer and Softer buttons to select Off.

**Note:** You may change the rate of alternating pressure at any time while the PulsateMode is in operation.

### Manual Weight Input (MAX+)

When in normal operating mode, press the Manual button on the keypad. The control unit will enter manual weight input mode. The display will change from the system pressure level to user weight in pounds, starting at 250 pounds each time the manual mode is entered.

Use the Firmer and Softer buttons to adjust the displayed weight to the approximate weight of the user. The Firmer button will increase the display by twenty (20) pounds with each press, the Softer button will decrease the display by (10) pounds with each press.



Once the desired weight is displayed and no buttons are pressed for five (5) seconds, the control unit will revert to normal operation. The display will revert to the system pressure level and the control unit will then adjust the pressure to the new setpoint. Allow time for the system pressure to stabilize before making further adjustments.

**iControl Instructions:**

- Step 1. Plug hand control's cord into the either of the accessory ports near the control unit's power entry module.
- Step 2. iControl will immediately begin working. Functions include On/Off, Firmer, Softer.

NOTE: The hand control's LED will match the control units comfort level until a comfort level of ten (10) is reached. The iControl will continue increasing and decreasing pressure above ten (10) but the LED on the iControl stop at ten (10).



**iBoost Instructions:**

1. If the iBoost unit is not already installed in the mattress cover, place the iBoost unit in the iBoost pocket inside the cover in the head section using the iBoost label as a guide for orientation. Place the cable for the iBoost inside the cover and run it to the hose access hole near the foot of the mattress, out through the hole and to the control unit.
2. Plug the iBoost cord into the either of the accessory ports near the control unit's power entry module.
3. iBoost will immediately begin working.

NOTE: iBoost will automatically override the Upright function of the control unit. Based on the angle of the head section of the mattress the iBoost will increase the comfort level proportionately.



<b>Select Air System Specifications:</b>	<b>SelectAir Standard</b>	<b>SelectAir MAX+</b>	<b>Hybrid Select</b>
Mattress System Type	Mattress replacement	Mattress replacement	Mattress Overlay
Patient Weight Limit (Dependent on mattress type)	500 lbs.	1000 bs.	500 lbs.
One Year Limited Warranty	X	X	X
<b>Control Unit Specifications:</b>			
TUV EN 60601-1, IEC60601-1	X	X	X
Current - Less than 5 amps	X	X	X
Voltage - 120V AC 50/60 Hz	X	X	X
Flow Rate 80-100 SLPM	X	X	X
<b>Mattress, Cover, Foam, Sheet Specifications</b>			
Flammability - 16 CFR Part 1632 (composite testing)	X	X	X
Latex free	X	X	X
Surface Resistivity - Anti Static	X	X	X
Bacterial Resistance – Meets AATCC-147-1993	X	X	X
<b>Control Unit Features:</b>	<b>SelectAir Standard</b>	<b>SelectAir MAX+</b>	<b>Hybrid Select</b>
<b>Softer/Firmer</b> - Push to increase (firmer) or decrease (softer) comfort level	X	X	X
<b>Upright</b> - Increases pressure to compensate for the upright patient.	X	X	X
<b>Firm</b> - Fully inflates mattress to aid in placement and maneuvering of patient.	X	X	X
<b>System Lock</b> - Locks the system to deter unauthorized personnel from altering the settings.		X	X
<b>Auto Comfort</b> - Automatically adjusts the system according to the patient's weight distribution.		X	
<b>Pulsation</b> - Continually readjusts system pressure.		X	X
<b>CPR/Emergency Deflate</b> - When engaged, allows quick deflation of the system in case of an emergency.	X	X	X
<b>Digital Display - (LCD)</b> - Easy to read digital display.	X	X	X
<b>Remote Capability</b> - An optional hand control is available (additional cost) which allows the patient to self-adjust the softer/firmer and power features.		X	
<b>Back-lit Keys</b> - Allow system features to be visible in dim/dark environments.	X	X	X

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