## PRODUCT & ASSEMBLY GUIDE

# **Manual Electric Combo**

FOUNDATION



The Manual Electric HiLo Combo foundation elevates the head section up to 70° and the knee sections up to 35° by corded remote control. The Hi-Lo feature uses a manual crank to raise and lower the mattress/foundation up to 10".



OSleepSafe® (Low Bed)



**○SleepSafe® II** (Medium Bed)



SleepSafer® (Tall Bed)





**○**SleepSafer® Extension Bed

O Dual View O with Extension Top



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This guide is available as a PDF. Contact Customer Service at 866.852.2337 for more information.



## Tools Needed for Assembly



Allen and Torx Wrenches (Supplied)



Flat and Phillips Head Screwdrivers



3/8" Open or Closed Fnd Wrench



## **Note! Read Before Assembly**

- KEEP THIS PRODUCT & ASSEMBLY GUIDE.
   IT CONTAINS THE BED'S SERIAL NUMBER
- CAREFULLY REMOVE AND LAY OUT ALL COMPONENTS. FAMILIARIZE YOURSELF WITH INSTRUCTIONS TO FACILITATE THE ASSEMBLY OF YOUR BED.
- CHECK COMPONENTS AND CONTENTS
   OF ENCLOSED HARDWARE BAG WITH THE
   HARDWARE LIST ON FOLLOWING PAGES.
- KEEP THE FOUR CARDBOARD STANDS FOR ASSEMBLY AND POSSIBLE FUTURE USE.
  - DUE TO THE PRESENCE OF SMALL PARTS DURING ASSEMBLY, <u>KEEP OUT OF REACH</u> OF CHILDREN.
- IMPORTANT: <u>FOLLOW THE INSTRUCTIONS</u> IN THE SPECIFIED ORDER TO ENSURE THE BED IS PROPERLY ASSEMBLED.
- COMPLETE ASSEMBLY. ENSURE EACH COMPONENT IS INSTALLED. DO NOT OMIT ANY COMPONENT FROM INSTALLATION.
- NEVER USE THIS BED IF THERE ARE ANY
   <u>MISSING FASTENERS</u>, LOOSE JOINTS,
   BROKEN PARTS, TORN MESH, OR PADDING
   INADEQUACIES. CONTACT SLEEPSAFE
   BEDS AT 866.852.2337 FOR ASSISTANCE.

- NEVER SUBSTITUTE OR ALTER PARTS, THE PRODUCT INCLUDING SIDE RAILS, MUST BE FULLY INSTALLED PRIOR TO USE.
- IF BED IS PADDED, CHECK THAT ALL PADDING IS FIRMLY ATTACHED.
- <u>DO NOT USE POWER TOOLS</u> DURING ASSEMBLY OR DISASSEMBLY
- WARNING STRANGULATION HAZARD: STRINGS CAN CAUSE STRANGULATION! NEVER PLACE BED NEAR WINDOW WHERE CORDS FROM BLINDS OR DRAPES ARE IN REACH OF A CHILD.
- KEEP REMOTE CONTROL CORD AWAY
   FROM BED WHILE MOVING THE SAFETY
   RAIL UP OR DOWN TO PREVENT PINCHING
   OF THE CORD.
- KEEP REMOTE CONTROL CORD AWAY FROM BED'S INTERIOR TO PREVENT ENTANGLEMENT AND STRANGULATION
- AN <u>UNINTERUPTED POWER SUPPLY (UPS)</u>
   UNIT IS RECOMMENDED IN THE EVENT OF A POWER OUTAGE.
- DO NOT SUBSTITUTE MATTRESS. IT IS SPECIFICALLY DESIGNED AND FITTED FOR A SLEEPSAFE® BED AND ITS USER.



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Included Component for Assembly	ts	24F(0) 8cg)	24F 100 100 100 100 100 100 100 100 100 10	7476 (May) (		2/20/20/11/20/20/20/20/20/20/20/20/20/20/20/20/20/	2 HAD 12 15 15 15 15 15 15 15 15 15 15 15 15 15	
Cardboard Lift	4	4	4	4	4	4	4	4
90 mm Allen Bolt	8	12	16	28	28	12	28	28
3/4" Hex Bolt	8	8	8	8	8	8	8	8
Barrel Nut (If the bed is unpadded)	8	12	16	28	40	12	28	40
40 mm Allen Bolt					T-12 F-18 Q-18			T-12 F-18 Q-18
Allen / Torx Wrench Set (Various sizes)	1	1	1	1	1	1	1	1
Square Bit Driver	1	1	1	1	1	1	1	1
Casters (Attached)	4	4	4	4	4	4	4	4
Extension Bed Safety Latch & 2 Screws				1	1		2	2





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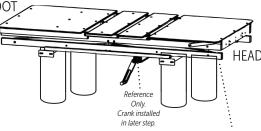
Included Component for	ts /	SAFE (ON BOOK)			A THE STATE OF THE	2, 100, 120, 120, 120, 120, 120, 120, 12	2 H	
Assembly	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	SEE SEE		745 Z		24 / 2011 24 / 24 / 2011		
Manual Electric Combo Frame	1	1	1	1	1	1	1	1
Crank Set: Extension, Crank, Bolt, Plugs	1	1	1	1	1	1	1	1
Mattress	1	1	1	1	1	1	1	1
Headboard and Footboard Set	1	1	1	1	1	1	1	1
Side Panel	2	2						
:: :: Front Panel			1	1	1	2	2	2
Back Panel			2	2	2			
Safety Rail	2	2	2	2	2	4	4	4
Extension Bed End Panel				2	2		2	2
Extension Bed Side Panel				2	2		2	2
Extension Bed Top					1			1

# **Assembly Guide**)

- ✓ SleepSafe (Low Bed)
- ✓ SleepSafe II (Medium Bed)

## After unpacking bed and checking the contents

Set Manual FC Electric Combo Set Foundation on 4 provided cardboard lifts.



#### **IMPORTANT!**

CHECK THE BED ORDER FOR THE DESIRED LOCATION OF THE CRANK. In this diagram, the front crank has been mounted to the left of the head. The front crank position may have been mounted to the right of the head.

When placing spacers beneath foundation, allow room for both side panels to be attached.

Insert Barrel Bolts
into Side Panels.
(Note: Barrel Bolts
are pre-inserted on
padded beds)

Align and push
in Barrel Nut
as shown.
Use flathead
screwdriver for

SleepSafe Bed (Low Bed) Side Panels use 8 Barrel Bolts
SleepSafe II (Medium Bed) Side Panels use 12 Barrel Bolts

Attach Side
Panels to
foundation.
(Use 3/8" wrench
to install eight
3/4" Hex
Bolts inside
the panel)

IMPORTANT!

Use 4 Hex Bolts

inside each panel.



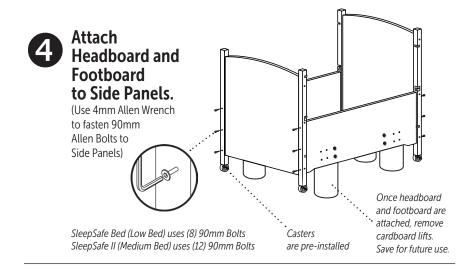
assistance.

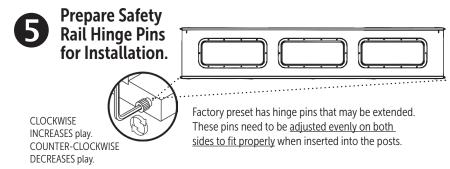


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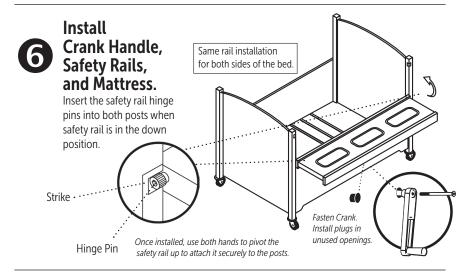
Choose depth for the mattress to floor height.

Low setting provides more safety rail height.





NOTE: Full instructions for safety rail adjustment are found on page 10.

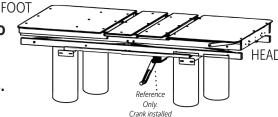


# **Assembly Guide**)

- ☑ SleepSafer (Tall Bed)
- ✓ SleepSafer (Dual View)

## After unpacking bed and checking the contents

Set Manual F
Electric Combo
Foundation on
4 provided
cardboard lifts.



in later step.

#### **IMPORTANT!**

CHECK THE BED ORDER FOR THE

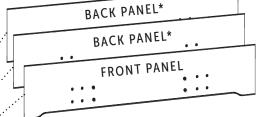
DESIRED LOCATION OF THE CRANK. In this diagram, the front crank has been mounted to the left of the head. The front crank position may have been mounted to the right of the head.

When placing spacers beneath foundation, allow room for both side panels to be attached.

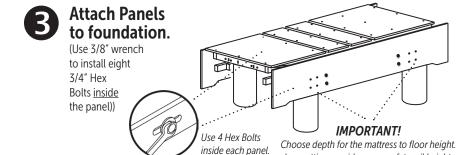
Insert Barrel Bolts into Back and Front Panels.

(Note: Barrel Bolts are pre-inserted in padded beds)

Align and push in Barrel Nut as shown. Use flathead screwdriver for assistance.



SleepSafer Bed (Tall Bed) Back Panels uses 10 Barrel Bolts SleepSafer Bed (Tall Bed) Front Panel use 6 Barrel Bolts \* Dual View Option uses 2 Front panels only. No Back Panels.

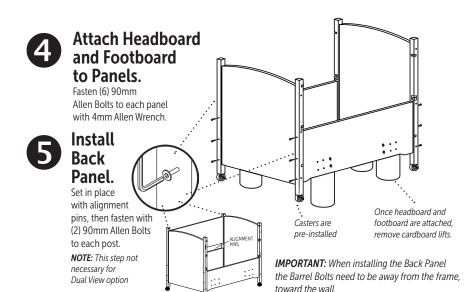






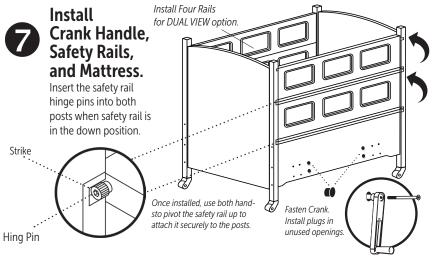
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Low setting provides more safety rail height.





NOTE: Full instructions for safety rail adjustment are found on page 10.



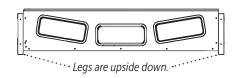
# **Assembly Guide**

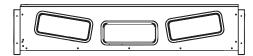
# SleepSafer Extension Bed (with or without Top)

## After unpacking bed and checking the contents

Set Extension
Side Rails
Upside Down
and on their Legs.

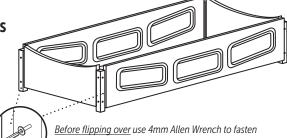
Assemble this with two people, otherwise one person can assemble one panel at a time after the the rest of the bed is assembled.





Attach
Extension Ends
to Side Rails.
Flip Assembly
Over.

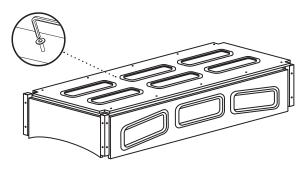
Illustration shows assembly upside down. Flip unit over when assembly completed.



(8) 90mm bolts, 2 per post, on each side of the assembly.

If Applicable,
Attach the
Top to the
Extension.

Use 4mm Allen Wrench to attach Extension Top with (12) 40mm Allen Bolts







SleepSafeBed.com 1-866-852-2337 A Loosen top bolts on all 4 bed posts.

This allows play in the frame to fit the Extension.

B Set the Extension on top of bed posts.

Extension posts should align with the bed posts.

© Fasten
Extension
to the Bed.

Fasten (1) 90mm Allen Bolt into each post to attach Extension. Tighten all bolts.

This SleepSafer® Tall Bed Extension installation step is based on ordering it <u>with</u> the SleepSafer® Tall Bed. <u>Retrofitting this Extension requires</u> additional instruction.

ion.

B

C

A

A

Bottom Safety Rail pivots down. Use both hands to carefully operate.

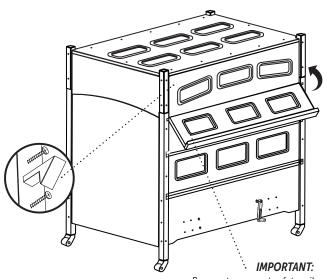
IMPORTANT:

# 6

# Install Safety Latch to Extension.

Align safety latch to threaded inserts located in the predrilled holes in the Extension. Use Phillips head screwdriver to mount the latch to the Extension.

The latch will catch and secure the top safety rail when raised into position. Use hand to push latch up to release the rail.



Be sure to support safety rail with both hands while moving the rail into their secure positions.

## Safety Rail Adjustment: Up and Down

Does the Safety Rail need adjustment?

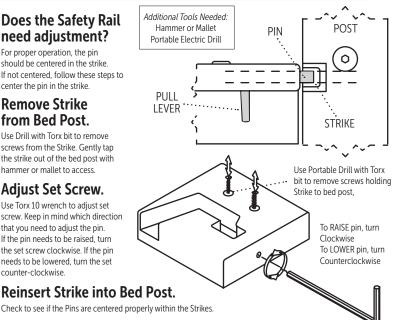
> For proper operation, the pin should be centered in the strike. If not centered, follow these steps to center the pin in the strike.

Remove Strike from Bed Post.

> Use Drill with Torx bit to remove screws from the Strike. Gently tap the strike out of the bed post with hammer or mallet to access.

Adjust Set Screw.

Use Torx 10 wrench to adjust set screw. Keep in mind which direction that you need to adjust the pin. If the pin needs to be raised, turn the set screw clockwise. If the pin needs to be lowered, turn the set counter-clockwise.



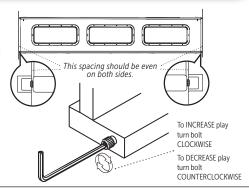
## Safety Rail Adjustment: Side by Side

**Does the Safety Rail** need adjustment?

> When up and secure, check the spacing between the end of the safety rail and the headboard and footboard legs. They should be spaced evenly.

**Remove Safety Rail** and adjust the play.

> If spacing is not even, or there is too much side-to-side play in the rail. turn the black hex bolt using the 1/4" Allen Wrench provided.







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## SleepSafe Bed Padding Information

## **Materials:**

- 70 Denier Nylon Fabric Cover with a Fluid Resistant Healthcare Coating
- 3/4" High Density Foam Padding

## **Padding Features:**

The safety rail pads extend up and over the rails and attach to the outside of the safety rails. The headboard and footboard pads extend to the top and to the edges of the legs of headboard and footboard.

- Anti-Static
- Bacteria Resistant
- Malodor Protection
- Fluid Resistant
- Fungal Resistant
- Flame Retardant
- Tear Resistant

## **Padding Attachment:**

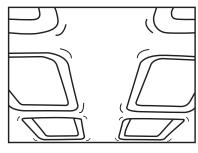
• Proprietary systems are used to secure the padding to inside panels and safety rails.

## **Padding Maintenance**

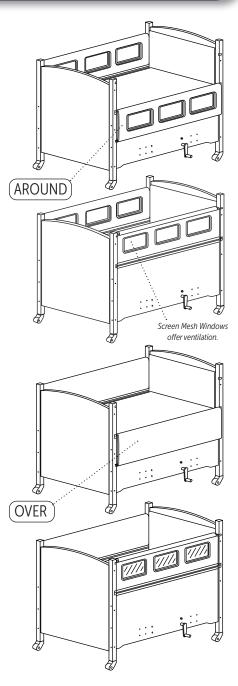
• For cleaning, use warm water and a mild cleanser. If the padding is over the windows, it can be removed and cleaned. If the padding is around the windows, please do not remove. It is best to clean this padding in its place. Do not machine wash.

## **Important Note:**

Padding is installed at the factory and will cover ALL 4 sides. Padding only 1 or 2 sides is NOT an option. Padding removal will cause a gap between the mattress and the bed's interior.



Padding is also available in the extension bed top around six mesh windows.



## **SleepSafe Bed Mattress Information**

## SleepSafe Bed® – Our Memory Foam Mattress with Gel Technology

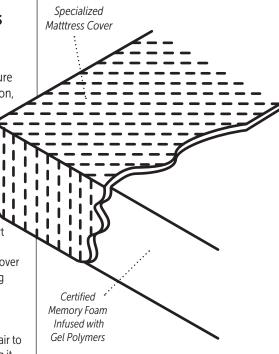
SleepSafe® Bed mattress support surface provides optimized pressure redistribution, rapid heat dissipation, and increases breathability compared to standard foam.

 Reduced incidence of pressure ulcers by channeling heat away from the body much faster than standard foam, virtually ridding perspiration moisture.

• Superior pressure redistribution achieved by providing more support and less cradling at higher levels of compression, distributing pressure over a larger surface area and eliminating static fatigue.

#### How Does It Work?

The technology works by allowing air to pass through open cells, channeling it away from the body instead of trapping it within the closed cells of traditional memory foam. The infusion of gel polymers throughout the foam contributes both cooling properties and the virtual elimination of static fatigue. As a result of the marriage between open cell foam and gel infusion, the mattress holds its shape better, redistributes pressure over a larger surface area, and successfully wicks heat away from the body, leaving patients cool, dry, and comfortable.



#### Foam products meet the following criteria:

- Low Emissions (VOC's)
- BPA Phthalate Free
- CFC Free
- BHT Free
- PBDE Free
- Emissions Tested
- Content Tested
- Performance Tested
- Made without Ozone Depleters
- · Mercury, Lead and Heavy Metal Free
- Made without Formaldehyde
- Methylene Chloride Free
- Environmentally Innovative
- Material Certification

#### Other notes about the foam in mattresses:

- Foam products use a blend of natural oil-based and conventional polyols.
- Benefits farmers looking for a new market for crops .
- Polyol is made partially from plant-based renewable oils such as soy bean and castor beans.



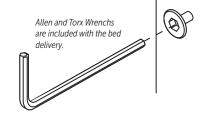


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## **Final Bed Installation Checklist**

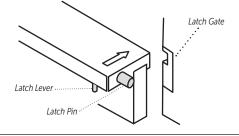
Check all bolts to see that they are tight.

Be sure all fasteners that hold the components are hand tightened with wrenchs.



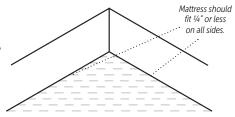
Check Safety Rails to be sure they operate and latch properly.

Safety Rails should pivot correctly, align properly and securely latch into the gate located on the bed posts.



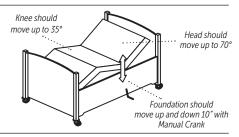
Check fit between headboard, footboard, bed sides and mattress.

The mattress should always fit snugly against the sides. If not, contact the DME or Customer Service at SleepSafe Beds.



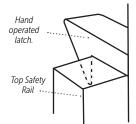
Check Bed Operation with the Remote.

The Manual Electric Combo should move about 70° for the head and about 35° for the knee. The HiLo range is 10" up and down with the Manual Crank.



For Extensions, check operation of Safety Latch holding the top Safety Rail.

Top Safety Rail should set in place when lifted up and into place on the Extension.



This latch should be properly mounted to the Extension to ensure top Safety Rail is securely held in place.

## **Operator's Guide: Manual Electric Combo**

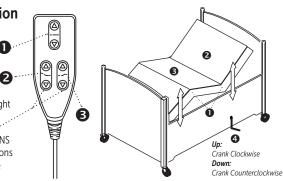
#### Operating the Manual Electric Combo Foundation

This foundation uses a corded remote to control 3 functions:

- 1) Chair Function: Both Head & Foot
- 2) Controls head elevation to 70°
- 3) Controls knee elevation to 35°
- 4) Manual Crank controls mattress height

#### **REMOTE LOCK OUT Procedure:**

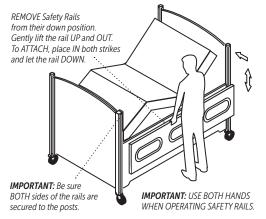
Press and HOLD BOTH DOWN BUTTONS on HEAD and FOOT articulation functions for about 5 seconds. The LIGHT on the REMOTE will FLASH when it is locked. To UNLOCK, repeat his procedure.



# Handling, operating and securing the Safety Rails.

Safety Rails on the SleepSafe (Low Bed), SleepSafe II (Medium Bed) and SleepSafer (Tall Bed) are removable. Removing the Top Rail first on the Tall bed is recommended. The top Safety Rail on the SleepSafer Extension Bed is not removable. The Top Rail flips up and latches onto the extension.

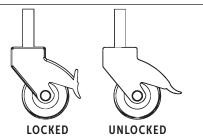
It is always recommended to handle the Safety Rails gently and firmly with both hands. Be sure both sides of the Safety Rail are securely attached to the post before leaving the bed alone.



## How the Casters Work.

The casters are pre-installed at the factory in the bottom of the headboard and footboard legs. It is recommended that the casters are locked when the bed is in use to add to the bed's stability.

The casters are locked when the tab is in the down position. Unlocked when the tab is up.







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## **Frequently Asked Questions**

#### How do I get replacement parts? What should I do if I have a repair problem?

Please call your Durable Medical Equipment (DME) provider that helped you purchase the bed. They should be able to help with any problem you may have. If your original DME provider cannot help you with replacement parts or repair, please contact us directly at 866-852-2337 so we may assist you.

#### Is there a battery backup system for beds using electricity in case of a power failure?

Yes. Battery backup systems (UPS) are typically available from office supply retailers. We recommend that you purchase a UPS battery back up unit such as APC's ES 750. This unit will give enough power to operate the bed for a limited time. This unit has 6 battery powered outlets to provide power for other devices as well.

#### My child's medical needs have changed. Can I change the foundation?

Yes. Most SleepSafe® Bed foundations can be converted to another bed. To convert a SleepSafe Bed foundation, you will need to purchase a Conversion Kit from SleepSafe® Beds. Insurance may or may not cover the additional cost of the conversion kit. It may be necessary to submit another letter of medical necessity justifying the change. You will need to make the purchase through your local DME provider of SleepSafe® Beds. Give us a call, toll-free, at 866-852-2337 for more information about SleepSafe® Bed conversions. We will be happy to assist you.

#### Can I buy a replacement mattress?

Yes, a replacement mattress may be purchased for your SleepSafe® Bed. Our mattresses are custom made to fit your SleepSafe® Bed based on whether the bed is padded or unpadded. Also, if the mattress was ordered for a SleepSafe Bed® with custom dimensions, it will need to be repaced accordingly. All SleepSafe® Bed mattresses are designed to avoid possible injury by reducing the gaps between the mattress and the sides of the bed. This is designed to reduce the chances of burrowing or entrapment.

#### How do I clean my SleepSafe® Bed?

All surfaces of a SleepSafe® Bed can be cleaned with water and mild detergent using a soft cloth. Please avoid any abrasives and solvents.

## Annual Maintenance Checklist

$\checkmark$	Tighten all bolts on panels and posts.
	Use provided Torx and Allen Wrenches to hand tighten. Avoid power tools

- Lubricate working components beneath the bed.

  Lubricate the pins, actuators and hinges.
- If necessary, adjust Safety Rails to insure proper operation.

  See page 10 for instructions on how to adjust the position of the safety rail side by side and up and down.

## **Bed/Mattress Warranty Information**

#### Full One-Year SleepSafe® Bed Warranty

The SleepSafe® Bed is warranted against defects in workmanship or components for a period of one year from the date of purchase. Sleep Safe Beds, LLC will repair or replace any defective part at no cost to the purchaser if the shipping of the part is within the continental United States.

#### **Limited Five Year SleepSafe® Bed Warranty**

During the second through fifth years from the date of purchase, SleepSafe Beds, LLC will replace any part found to be defective. Purchaser shall pay all service and shipping costs related to the replacement of the defective part.

#### Terms and Conditions for SleepSafe® Bed Warranty

A SleepSafe® Bed is expressly prescribed for a single user. This warranty will cover the bed for this user only. Warranty coverage beyond this use is handled on a case by case basis. This warranty applies to normal use and does not cover any damage caused by excessive wear, abuse, misuse, mishandling or modification of the product.

#### SleepSafe® Bed Mattress Warranty Information

All SleepSafe® Bed models are shipped with a CertiPUR-US® memory foam mattress with gel infused technology. This support surface provides optimized pressure redistribution rapid heat dissipation and increases in breathablity compared to standard foam. Memory foam infused with gel polymers is designed for patient comfort as well as clinical superiority. Benefits include: reduced incidence of pressure ulcers by channeling heat away from the body significantly faster than standard foam, virtually eliminating perspiration moisture. The mattresses are water resistant, but are not waterproof.

#### Full One-Year Warranty for SleepSafe® Bed Mattress

Full one year warranty from date of purchase. SleepSafe® Beds, LLC will replace the mattress due to a defect in the materials and workmanship of the mattress, at no cost to the purchaser.

#### Limited Five Year Warranty for SleepSafe® Bed Mattress

During the second to fifth year, SleepSafe® Beds, LLC will replace the mattress due to a defect in the materials or workmanship of the mattress, with the shipping costs to be paid by purchaser.

#### Terms and Conditions for SleepSafe® Bed Mattress Warranty

Any breakdowns or deterioration of the product caused by factors other than a defect in the materials and workmanship of the mattress, such as repeated exposures to bodily fluids by incontinence, are not covered by this warranty.





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## **Durable Medical Equipment Provider**

Bed Serial #	
Installation Date	
DME Provider	
DME Contact	
DME Address	
DME Phone	
DME Email	
Installed by	

## **Customer Service & Technical Support**

## SleepSafe Bed Support

Hours: 8 AM to 5 PM / M-F / EST

Toll Free: 866.852.2337 Local: 276.627.0088 Fax: 276.627.0234

Web: SleepSafeBed.com

In case of an EMERGENCY after hours, please call 866-852-2337 for instructions on how to access the on-call technician.

## **DME Provider Support**

DME:	 	
Conact:	 	
Phone:	 	
Email:	 	
Web:	 	



## SleepSafeBed.com | 866.852.2337

3629 Reed Creek Drive | Bassett, VA 24055 | FDA Registered WI-820.120-5 Manual Electric Combo [5] Rev. 05