

# DIGITAL AIR SLEEP SYSTEM ASSEMBLY INSTRUCTIONS





### **Digital Air Sleep System Components:**

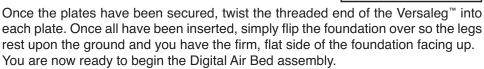
- Mattress Cover/Pillow Top Enclosure
- Comfort Layer
- Air Chamber(s)
- Power Edge Support Rail System (Head & Foot Rails Unit, Side Rails Unit)
- Digital Air Inflation System
- Foundation(s) (Optional)

#### Step 1 - Position Bed To Desired Location:

Determine where your bed will be positioned & assemble your support frame. This can be a metal bed frame, a platform pedestal or Versaleg<sup>™</sup> bed leg system.

Assemble the support frame in the desired location and place your foundation in the frame with the open side down. Many platform pedestals don't require the use of a foundation.

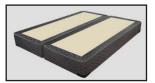
For Versaleg<sup>™</sup> assembly, place the foundation(s) on the floor with the open side up. Position the Versaleg<sup>™</sup> plates on all four corners of (each) foundation and then place one plate on each side approximately half way between the head and foot plates. Use the four screws provided to attach each plate to the foundation.



# Step 2 - Preparing The Mattress Enclosure:

Insert the head & foot rail inside the cover. The head of the bed should be marked as head rail and will have two slits in the black webbing material. This is for the exit of your air chamber hoses. The side rails are inserted in between the head & foot rails with the webbing as smooth as possible. Make sure the webbing does not run under the rails to the other side of the bed (diagram A1). Doing so will make the black webbing too short. The black webbing (diagram A2) shows proper installation.











Black webbing running under the rails



Black webbing straight out from rails

# Step 3 - Installation Of The Air Chamber(s):

Install the air chamber(s) with the brass coupling on the bottom of the air chamber. Push the air hose through the slits in the black webbing and cover. The hose can be pulled through until they are snug inside the foam rail system.





# Step 4 - Positioning The Air Inflation System:

Place the air inflation unit on the floor at the head of the bed with the air ports facing toward the wall. If the unit will be used on a hardwood or tile floor, it is recommended a towel or other sound dampening material be used under the inflator to minimize any vibration or noise. Please use a surge protector to help prevent pump damage.



# Step 5 - Connecting Air Chamber Hose To Air Inflator:

The air chamber hose features a Cam-Lock<sup>™</sup> barrel connector that attaches to the air inflator by using the "Quick Click" Sure-Lock<sup>™</sup> inflator adaptor that is included with the air inflator.

Gently slide the rotating collar of the air chamber hose Cam-Lock barrel connector onto the quick click Sure-Lock<sup>™</sup> inflator adaptor and twist the collar clockwise until it locks into place (diagram A3). This system will ensure a tight seal. Please do not over tighten the connector



as it may damage the adaptor. Now, you are ready to begin the air inflation process.

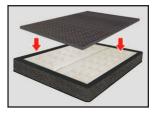
Press & hold the Inflation (▲ Firm) button until the chamber is completely inflated.

A full chamber is reached when the reading is 50 mmHg signifying a full chamber. The inflators are designed to prevent damage to the chamber from overfilling.

Repeat this process for filling the opposite side of the bed for a dual air sleep system.

# Step 6 - Placing The Comfort Layer:

Place the comfort layer on top of the air chambers. This should completely cover the chambers & drop just inside the Power Edge Support Rail System.



# Step 7 - Final Step:

Zip up the cover/pillow top, install your new mattress pad and sheets. Enjoy a great night's rest on your new Digital Air Sleep System!





#### WIRELESS DIGITAL COMFORT CONTROLS



FOR RELIABLE NUMERIC ACCURACY + ASSURES YOU OF YOUR CHOSEN SUPPORT & COMFORT THROUGHOUT THE NIGHT

- 1 Smart Support
- 2 Activating Memory
- 3 Low Battery Capacity
- 4 Left Side
- 5 Support Level Index
- 6 Right Side
- 7 Real Time Illuminated Adjustment Mode

- 8 Inflation (Firm)
- 9 Select Left Side
- 10 Memory
- 11 Select Right Side
- 12 Deflation (Soft)
- 13 Transparent Black Control Stand(s) Included
  - Only 1 Control Operates At A Time
- Δ



#### Digital Air Inflators: Only one control operates at a time.

ISSUE	SUGGESTED ACTIONS
Caution	<ol> <li>The Digital Air Sleep System MUST BE acclimated to room temperature for 24 hours prior to attempting to operate. Failure to do this may result in the Digital Air Sleep System not functioning properly.</li> </ol>
Inflator Pump Not Powering Up	<ol> <li>Use of a surge protector is recommended.</li> <li>Make sure the electrical outlet is working &amp; any appropriate light switches are turned on.</li> <li>Make sure the surge protector is plugged in, reset to operate and that the power switch is turned on.</li> <li>Unplug the pump from the power supply &amp; plug it back in allowing the system to reboot.</li> <li>*If pump is still not working properly, contact authorized dealer for replacement.</li> </ol>
Dual System Only Fills One Side	<ol> <li>Unplug the control that is not working and plug it back in making sure it is secure.</li> <li>If no response, Switch the controls on the pump and try again.</li> <li>*If there is still no air coming from the non-working port, contact authorized dealer for pump replacement.</li> <li>*If air is now coming out of the previously non-working port, &amp; the port that was previously working, no longer works, contact authorized dealer for control replacement.</li> </ol>
Noise or Vibration Issue	<ol> <li>A towel placed underneath pump will help to quiet the noise especially if inflator is placed on wood, tile or linoleum floor.</li> </ol>
Control Readout Differs From Time To Time	<ol> <li>The Digital readout on the hand control will vary depending on many external factors such as changes in temperature or exposure to direct sunlight, seasonal room temperature changes, bed temperature changes, with or without sleeper, taking the reading while in bed or standing next to the bed.</li> </ol>
	<ol> <li>Readings may differ when lying in a different position. For example, the digital readout may differ when laying on your side versus your back or stomach.</li> </ol>
	3) The digital readout will fluctuate during inflation and/or deflation. Once the button is released, briefly touch button once and the control and inflator will synchronize. The reading will then reflect the realtime pressure setting.
	4) Readouts will differ when there is somebody on the bed versus nobody being on the bed. This is due to a difference in pressure on the air chamber when a body is in or out of the bed. To verify realtime readout once you've adjusted bed to your comfort preference and while lying on the bed in your normal sleep position, briefly touch the firm or soft key & the number should now represent a realtime readout on the control.
	5) Check readout after laying in bed and again the next morning while still in bed. Then repeat one more time the night after without making any changes to the sleeping conditions. Doing so will indicate whether there is a significant change in readout.
	*If a significant number difference (such as 10) is noticed under consistent circumstances, contact authorized dealer for replacement.
Pump seems to operate slow	<ol> <li>The amount of padding &amp; overall thickness of the top on your mattress will impact the ability to feel rapid changes in air pressure settings. This is normal and is not an issue with the inflator. The support provided by the air chamber &amp; inflator is not compromised by thicker mattress tops, only the corresponding sensation of change is affected.</li> </ol>
Inflator Keeps Filling & Won't Stop	
Pump Reads High Without Air Chamber Attached	<ul> <li>Contact authorized dealer for replacement pump. *</li> </ul>
Inflator Runs But No Air Flow Into Air Chambers 5	



#### Digital Air Inflators: Only one control operates at a time.

ISSUE	SUGGESTED ACTIONS
Potential Air Loss In Chamber	<ol> <li>First, make sure the connection from the pump to the air chamber is secure. For best results, twist the cam ring on the end of the connector clockwise until you can hear and/or feel the click. Only after hearing/feeling this click have you created a tight and secure connection.</li> </ol>
	2) Nominal changes in readout may be caused by cooling of air after filling, temperature changes in general or may be noticed for a week or two after the system has been set up and acclimated.
	<ol> <li>Switch chamber connections to pump (right to left and vice versa) then reinflate to see if the same chamber is losing air.</li> </ol>
	<ol> <li>Reinflate air chambers then disconnect air lock connectors from pump to see if chamber holds air.</li> </ol>
	<ol> <li>O-Ring on Pump Connectors may occasionally need to be cleaned or replaced (available a hardware store).</li> </ol>
	*If issue persists, contact authorized dealer for replacement.
Checking For Connector Leaks	<ol> <li>Check connectors by filling the chamber with air, disconnect the hose from the pump, then submerge the fitting in a glass of water. If bubbles are coming out of the fitting, a small leak is present.</li> </ol>
	*If the connector is leaking, contact authorized dealer for replacement.

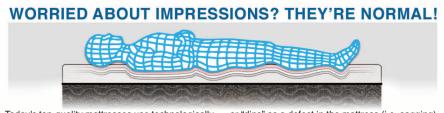


#### **BED ASSEMBLY TROUBLESHOOTING TIPS**

#### Digital Air Inflators: Only one control operates at a time.

ISSUE	SUGGESTED ACTIONS
Foam Rails Do Not Appear To Be The Correct Size	<ol> <li>If installed upside down or not completely unfolded Rails will not reach top to bottom or side to side. Properly install by inserting Top to Bottom Rails first. Slit holes in Top to Bottom sling material should be positioned at head of bed for threading Air Hoses to Pump. Side to Side Rails are then inserted to form dish with slit holes again positioned at head of bed. Labels adjacent to slit holes point to headboard to confirm right side up installation. Be sure that Rails &amp; sling material are completely unfolded and installed right side up to verify correct size. Please note that Rails may bow in until Air Chambers are filled.</li> </ol>
	HEAD & FOOT RAILS FIRST
	*If Rails do not fit after verifying slings have been completely unfolded and are being installed right side up, contact authorized dealer for replacement.





Today's top-quality mattresses use technologically advanced foams & fibers that are designed to be softer & more comfortable while ensuring your body has the support you need for good health.

These materials provide comfort and proper support by conforming to your unique body shape to help reduce pressure.

In the first few weeks you sleep on a new mattress that offers these extra comfort layers, you may notice body impressions or a mild "dip" on the mattress surface. Many people mistake these impressions or "dips" as a defect in the mattress (i.e. sagging). This is not a defect in the mattress. These body impressions are normal & shouldn't be considered a sign that something is wrong with your new mattress. It is the foam & fibers compressing and conforming to your body.

Body impressions are clinically proven to help support spinal alignment & provide the pressure relief needed for a great night's sleep. A good body impression enables the bed to cradle your sleeping form gently to provide optimal comfort and posturizing support.

