



**INNOMAX**<sup>®</sup>  
America's Finest Sleep Products<sup>®</sup> Since 1975

# SOFTSIDE FLUID OWNER'S MANUAL

6" Mid-Fill & 8.5" Deep Fill Models



WWW.INNOMAX.COM ★ 1-800-INNOMAX

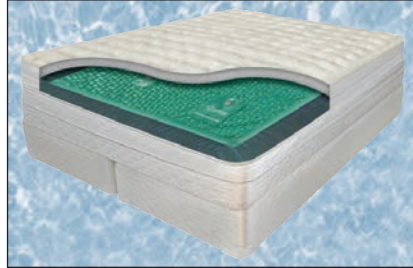
CARE ★ MAINTENANCE ★ ASSEMBLY

**SETTING UP YOUR FLOTATION SLEEP SYSTEM**

**1. Unpack the Box**

Take all of the components out of the box. You should have the following items:

- **Power Edge Support Rail System Includes:**
  - Attached Head/Foot Rails
  - Attached Side Rail Assembly
- **The Head Rail Is Marked & Has Exit Slits For The Power Cords**
- **Fluid Support Chamber(s) or Tubes**
- **Low Watt (120 Watts or Less) Waterbed Temperature Control System**



**WARNING:** Do Not Use A Standard Full Watt Heater With A Soft-sided Mattress. This Can Result In Severe Damage To Your Sleep System And Void All Warranties.

- **Vinyl Safety Liner**
- **Mattress Cover/Pillow Top Enclosure**
- **K or Q Split or Single T/F Foundation (Optional)**
- **9 Point Center Support Metal Bed Frame (Optional Purchase)**



**NOTE:** It is extremely important you use the proper structural base for your new fluid support system. Do not attempt to use a standard bed frame. Using any support frame that does not have a minimum of 9 points of contact with the floor will result in damage to your sleep system and can cause personal injury. Only use an approved 9 Leg metal bed frame, Versaleg™ support system or a platform pedestal with center cross supports.

**2. Your entire Fluid Support System can be easily assembled.** First step,

determine where your bed will be positioned. If you are using a headboard, make sure you have enough room between the wall and the frame before you begin to fill your mattress. Assemble the support base you intend to use. This can be a center support metal bed frame, a platform pedestal or light weight Versaleg™ system. Assemble the metal frame or pedestal 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™ assembly, place the foundation halves on the floor with the open side up.



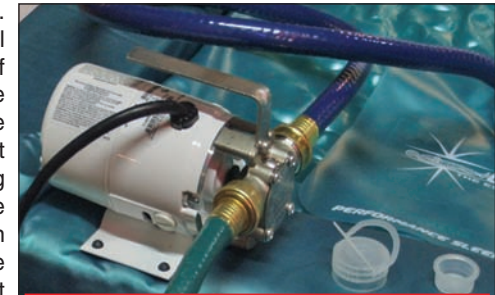
Position the Versaleg™ plates on all four corners of each foundation half and then place one plate on each side approximately half way between the head and foot plates. Use four of the provided screws to attach each plate to the foundation. Repeat this process for the second foundation piece. Once the plates have been secured, twist the threaded end of the Versaleg™ into each plate. Once all have



① been inserted, simply flip the foundation over so the (CONTINUED)

**Unplug The Waterbed Heater Before Draining The Mattress**

It is strongly recommended that an electric drain pump be utilized to prevent damage to the internal support structure of your mattress. A typical electric pump will remove nearly all of the water in a king sized mattress in 45 minutes or less. If no electric pump is available, the use of a standard fill & drain kit will assist in removing the water from the mattress. Attach the faucet adapter to the sink, taking care not to cross thread the adapter. Screw the siphon pump to the adapter and attach the hose to the siphon. Using the hose adapter, attach the opposite end of the hose to the valve on the mattress. To start the siphon action, turn on the faucet to a moderate level. If your siphon is self priming, the pump will soon begin to remove water. If it is not self priming, turn the bottom of the pump to the "fill" setting and allow water to go into the mattress. Once the hose is free of air, twist the bottom of the pump to the "drain" setting to create a siphon to remove water. Continue this until the mattress is completely vacuum sealed and is free from water. Firmly grab the top, internal fiber, and the bottom to prevent shifting when folding the mattress. Once the process is complete, remove the hose adapter and quickly insert the cap & seal to maintain a vacuum inside the mattress. This will hold all of the internal components of the mattress in their desired location. When moving the mattress, do not drag it across the floor as this can cause a friction burn in the vinyl. If the mattress is to be stored for more than 7 days before reinstalling, it is recommended that a bottle of Fiber Bed Conditioner be placed inside to prevent odor and bacterial growth. Do not store the mattress in conditions below 32 degrees Fahrenheit, as this can cause the vinyl to crack. If it is stored in cold temperatures, gently place mattress in a warm room for up to 24 hrs prior to unfolding & filling with water to minimize the possibility of a cold crack.



Contact Your Dealer For Rental Info. or To Purchase The Drain Hero™ - 10 Piece Maintenance Kit.

**Electric Pump Usage/Draining Instructions: Unplug Heater Before Draining!** If interested in using an electric pump, please ask your dealer for more information.

1. Remove all of the air from your mattress.
2. Attach the "perfect union" connector on the end of the clear hose on the pump to the valve in your mattress. Make sure all washers are used and the connections are tight to maintain proper suction.
3. Connect your exit hose to the discharge port on the pump. Ensure the exit hose is in the desired location. The force of the water can actually cause the hose to flop about and come out of a normal bathtub. Do not leave the hose unattended while indoors. Place the pump on a towel or cardboard piece to prevent possible damage to the floor or other surface.
4. Plug the pump into a grounded electrical outlet. Note: There is no on/off switch and the pump will begin to operate immediately.
5. Allow the pump to run until the water slows to a trickle. The pump will remove nearly all of the water & the mattress will become "vacuum-sealed" to ensure all internal support features remain in their proper location. Do not lift the head of the mattress until the mattress is vacuum packed, as this could damage the mattress.
6. Immediately unplug the pump. Do not run the pump without water for an extended period of time, as this can severely damage the pump.
7. Disconnect the perfect union connector from the mattress and immediately insert the cap and seal to ensure the mattress remains vacuum packed.

If the mattress is still too heavy to move, you can utilize a shop (wet/dry) vacuum to get the remainder of the water out ⑥

all of the trapped air. Use the Air Extractor to remove the excess air.

**10. Several of InnoMax's® firmer water chambers feature a high level of fiber, closed cell and/or sponge support sheets.** These layers need to become fully saturated with water to provide the desired comfort levels. This process may take several days and may require you to walk or roll on the mattress many times during this period to extract as much air as possible. While this early portion of the mattresses life may be somewhat inconvenient, you will off set the extra effort with the enhanced comfort you will enjoy for years to come. The mattress may not feel as it did in the showroom until you have finished this process. It is recommended that you do not adjust fill levels to change firmness levels during this process. Most sleepers find that following the "break end" period, the initial fill level is the preferred setting.

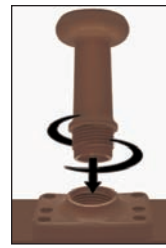


It is recommended that you do not adjust fill levels to change firmness levels during this process. Most sleepers find that following the "break end" period, the initial fill level is the preferred setting.

**11. Plug the heater pad into the heater control.** Plug the control into a 110 volt wall outlet and then set the temperature to the desired level. It is recommended to be set between 80-87 degrees Fahrenheit depending upon your personal comfort level. If you have a dual heating system, repeat this step for the other side of the mattress.

**12. Zip up the cover/pillow top.** Install the new mattress pad and sheets. Enjoy a great night's sleep on your new fluid support system!

**13. Maintenance of your fluid support sleep system.** To receive the maximum comfort, enjoyment and longevity from your new fluid system, it is important to perform periodic maintenance. In addition to the use of quality waterbed conditioner on an annual basis, it is recommended to use Blue Magic® Vinyl Cleaner on the outside of your water chamber(s) and vinyl safety liner at least 2-3 times per year to prevent plasticizer migration which dries vinyl and can cause brittleness, and in some cases, cracking of the surface. Also, vinyl is a porous surface and over time, air molecules can pass through into the chamber requiring the use of the Air Extractor to remove the trapped air bubbles. This small amount of maintenance will allow you to benefit from the amazing comfort and support of your fluid system for many years to come.



legs rest upon the ground and you have the firm, flat side of the foundation is facing up. You are now ready to begin the bed assembly.

For the assembly video of this product please visit: [www.innomax.com](http://www.innomax.com) or [www.youtube.com](http://www.youtube.com) under the channel name **InnoMaxSleep**

**3. Unfold the mattress enclosure and completely unzip the cover.** Insert the head and foot rail inside the cover. The head of the bed should be stamped and will have two slits in the black webbing material. This is for the exit of your temperature control sensor and heater pad power cord. The side rails are inserted in between the head and foot rails with the webbing as smooth as possible. The rails are correctly installed when the webbing material is completely unrolled and is at the bottom of the rail (see DIAGRAM B2). The rail should be approximately 6" in height and 4" in width. **Exception:** The Perfections® Sponge Bed™ is a full depth flotation style system and is designed with the "M Rail System" which is approximately 8" in depth and has interlocking slanted rails (see DIAGRAM A2). The black webbing is also to be at the bottom of the rail (see DIAGRAM B2).



**To View The Perfection™ Deep Fill Fluid Assembly Video On The Web Please Visit:**

WWW.INNOMAX.COM:

CLICK HERE TO WATCH THE ASSEMBLY VIDEO FOR THIS PRODUCT

WWW.YOUTUBE.COM:

Choose A Perfection™ Bed On [www.innomax.com](http://www.innomax.com) And Underneath Will Be A Link To The Video:  
<http://www.innomax.com/innomaxVideoPages/innomaxPerfectionAssemblyVideo.html>

Visit Our Youtube Channel To View The Perfection™ Assembly Video By Going To [www.youtube.com](http://www.youtube.com) And Search For The Channel Name: **InnoMaxSleep**

**4. Install the heater pad(s) directly on the black webbing material in head to toe position.** Ensure that the entire pad is on a solid (CONTINUED) ②

surface and not over the crack between foundation halves or plywood pieces in a platform. It is best to place the pad as far down the bed as possible to avoid constant pressure of sitting on the pad. Push the pad power cord through the slits in the black webbing and cover. The temperature sensor on the control can be pulled through from the outside. Make sure the sensor is a minimum of 12" away from the pad and is not tucked under any portion of the Power Edge Rail System to ensure proper temperature readings. Repeat the process on the opposite side if using a dual system.



**Note: Do Not Plug In The Heater Until The Flotation Mattress Is Completely Filled With Water!**

**5. Place the vinyl safety liner over the heater pad(s) and tuck around the Power Edge Rail System.** Making sure the corners of the fitted liner are matching the corners of the rail system. Smooth the vinyl away from the center of the mattress area and toward the edge rails.

**6. Please note that if the chambers have been in very cold conditions, you must allow them to attain room temperature before handling the chamber to avoid cracking the vinyl.** Unfold the fluid support chamber(s) and place on top of vinyl safety liner. The valves on the water chamber(s) should be located at the foot of the bed. Open both valves on the chamber(s) to allow the vacuum sealed water mattress(es) to begin to expand. Square the corners of the mattress(es) with the inside corners of the Power Edge Support Rail System. This is **CRITICAL** and must be done before filling the chamber(s) with water. To assist in the process you may fill the chamber(s) with air using a shop vac or a hair dryer with a cool setting. Inflate the mattress(es) until it is approximately 18"-24" above the foam rails. Place the caps back on the valves and push down on the center of the mattress(es). This will pop out the corners so they can be easily adjusted to align with the rail system. Once the mattress is centered, open the valves to release the air. The shop vac can be used to expedite this step. If you are using a dual support chamber system, place the "T" shaped thermal divider between the two fluid chambers, with the "T" in an inverted position so that the flaps are slightly under each chamber and the "leg" of the "T" is standing vertically between the chambers.



**7. Begin the filling process.** The first step is to pour one 8 ounce bottle of Multipurpose Fiber Bed conditioner into the water chamber (or 4 ounces into each half of a dual system) to provide proper water treatment and to prevent algae growth. This should be done every 12-18 months. Next, open both valves on the mattress and screw the blue Perfect Union™ adaptor onto the male end of the hose. This adaptor is then attached to (3) either fill valve. Applying a (CONTINUED)

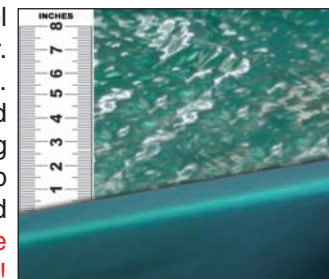


small amount of petroleum jelly to the rim of the valve will ensure a tight seal and lessen the amount of air going into the mattress. This is also helpful after the entire mattress is filled when the cap & seal on both valves are closed for the final time. The second valve remains open during the filling process to allow air to escape. The female end of the garden hose is attached to your water supply. For best results, the mattress should be filled using lukewarm water. The use of a faucet adaptor will generally allow you to use the bathroom sink, shower head or kitchen sink to fill the water mattresses. This method of filling will offer the proper temperature for better sleep and can control the flow more easily. Generally, most household water heaters will run out of hot water during the fill process.



Monitor the water temperature for this drop. Turn off both hot and cold valves and wait for the tank to replenish the supply of hot water (Approximately 1 hour) and then restart the lukewarm fill. While this method may require a longer filling time, the end result is a more comfortable sleeping environment from the first night on. Using an outside faucet to fill the bed results in a cold fill and can require up to 7-10 days for the bed to attain optimal sleeping temperature. The normal operation of the heater will raise the bed temperature approximately 1/4 to 1/2 degree Fahrenheit per hour. The time required to heat a cold water filled mattress does not indicate a problem with your heater.

**8. Proper Fill Depth is approximately 1/2" to 1" below the top edge of the support rail.** For a firmer feel, lower the water level slightly. For a softer feel, add a small amount of water. Never fill the mattress so that it is above the side rail. All of the InnoMax® water chambers, both mid-fill and deep fill are manufactured using overcut vinyl allowing the sleepers to rest gently in the bed instead of on top of it. This creates positive spinal alignment and improves overall comfort. **Do not attempt to take the wrinkles out of the vinyl by overfilling the mattress!**



Overfilling the mattress will result in the bowing of the side rails and will greatly reduce the comfort level of the bed. Remove the Perfect Union™ adaptor and the hose from the fill valve. Attach the Air Extractor to the fill valve and close the Ez Burp Air Release (secondary valve) by inserting the seal and twisting the cap in place. Adding the small amount of petroleum jelly to this air release valve will help to create a more air tight seal.

**9. Carefully use the Air Extractor to remove as much surplus air as possible.**

Some air will be trapped under the closed cell float layers or in the fiber layers inside the mattress. This air can only be removed when it is pushed to the outer edges of the mattress. Before starting this step, please make sure the heater is still unplugged. Remove your shoes and stand in the middle of the mattress and walk to any edge pushing trapped air out of the support layers and letting it rise to the top of the mattress. Repeat this step, walking in a different part of the mattress to release (CONTINUED)

