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**INNOMAX**  
America's Finest Sleep Products®

# HARDSIDE FLUID SUPPORT ASSEMBLY INSTRUCTIONS



# WATERBED ASSEMBLY INSTRUCTIONS

**Please Be Sure To Read/View All Assembly Instructions Before Use**

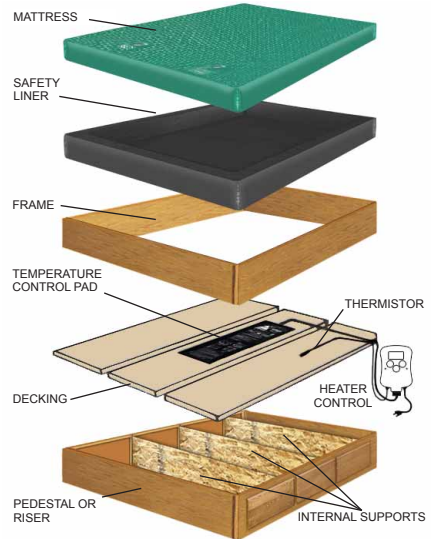
Hardside Fluid Support Components ►

## INTERIOR DIMENSIONS

KING	QUEEN	SUPER SINGLE
72"W x 84L	... .60"W x 84L	... .48"W x 84L

## EXTERIOR DIMENSIONS

KING	QUEEN	SUPER SINGLE
Panel H.B. 75"W x 87L	... .63"W x 87L	... .51"W x 87L
Bookcase H.B. 75"W x 93L	... .63"W x 93L	... .51"W x 93L



## STEP 1: BUILD THE FRAME

### Panel Headboard or No Headboard

**A.** Lay out your frame and hardware. Note that the footboard and backboard have grooved bottoms. The grooves should face in toward each other. Make sure all frame boards have finished surfaces facing down on the floor.

**B.** If your frame includes a headboard, attach it to the back frame board using the slats and screws provided.

**REMEMBER:** The groove in the frame board must face inward once the headboard is secured.

**C.** Assemble the frame with the corner brackets and screws provided. Note the finished top of the frame is facing up.

**D.** Position your assembled frame exactly where you want it in your room. Now refer to Step 2 - Building the Pedestal.



## BOOKCASE HEADBOARD

**A.** Lay out your frame and hardware. Note: The footboard and backboard have grooved bottoms that should face inward toward each other. Also the finished side of the frame boards should face the floor.

**B.** Assemble the frame with the corner brackets and screws provided. Note that the side frame boards extend past the backboard. The extended portion of the frame will support your bookcase headboard. A sure way to insure correct internal spacing from head to foot is to use one of the deck boards (see Step 2), as a measure. Lay the 1 piece of deck into the groove at the foot, now bring the head frame board in between the side rails until the deck fits in the groove. Mount at that point. Now remove the deck board and go to Step 2 - Building the Pedestal.

**C.** Position your assembled frame exactly where you want it in your room. This photo shows how the bookcase headboard will be positioned on the extended frame **AT A LATER TIME**. **DO NOT MOUNT NOW!** Refer to Step #2.



## STEP 2: BUILDING THE PEDESTAL Standard Pedestal (Riser Pedestal)

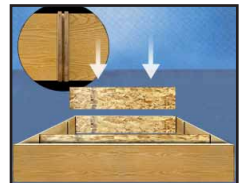
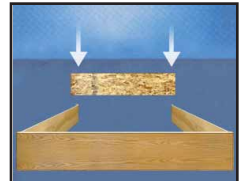
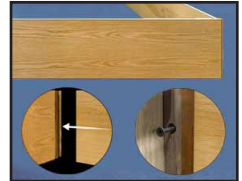
**A.** Lay out the pieces of your standard pedestal inside of the frame as pictured. The finished sides when assembled are to face outward.

**B.** Take 1 side panel, stand it up. Next, slide the footboard between the two blocks on the end of the side panel. Then add a screw in the pre-drilled holes. Repeat process on the opposite side.

**C.** Now that you have the 2 side panels and the footboard attached, you will next slide in the head panel headboard. Then add screws in the pre-drilled holes.

**D.** Next, slide in the 2 center support boards, then add screws in the pre-drilled holes on each side.

**E.** Next, without letting it slide out of place, tilt the frame on to one side. Avoid moving the pedestal. After Step 3 you will lower the frame on to the deck boards which will be mounted on the pedestal.



**Note:** Still having trouble with assembly? No problem, scan the code on the right for an assembly video. (pedestal in video has doors, but same assembly).



### STEP 3: LAY THE DECK BOARDS ON THE PEDESTAL



**A.** King size - position the three 24 inch deck board pieces so that the pedestal is equally recessed on all sides. The cut corners on the deck boards should be positioned at the four corners.



**B.** Queen size - position the two 24 inch deck boards, with the one 12 inch deck board in the middle, so that the pedestal is equally recessed on all sides. The cut corners should be positioned at the four corners.



**C.** Super Single size - position the two 24 inch deck boards so that the pedestal is equally recessed on all sides. The cut corners on the deck boards should be positioned at the four corners.

### STEP 4: MOUNT THE FRAME TO THE DECK

**A.** Lower the frame onto the deck. Make sure the grooves on the bottom of the footboard and backboard overlap the deckboards. Re-check that the pedestal is centered and in position.



**B.** This photo shows how the grooves overlap the deck.



**C.** Attach the "L" bracket into the middle of each frame board and deck to secure the deck to the frame. To protect liner and mattress from metal burrs, cover all inside metal brackets with masking or duct tape.



**D.** If your waterbed features a bookcase headboard, mount it to the frame now. Secure the headboard to the frame with the flat brackets screwed in from underneath the headboard behind the frame. Slide the frame carefully away from the wall a few inches, if needed, to allow more room to mount. Once mounted slide the frame back into final position.



**E.** If you purchased upholstered rail caps, attach them to your frame now. The padded rail caps slip over the frame edges. At your option, you may wish to secure the caps onto the frame with screws, if needed.



## STEP 5: INSTALL HEATER UNIT

To View the Thermal Guardian® Hardside Waterbed Heater Installation Video please visit:

[www.innomax.com/Company/InnoMax Product Videos](http://www.innomax.com/Company/InnoMax_Product_Videos)

or visit [www.youtube.com](http://www.youtube.com) | search channel name: **InnoMaxSleep**



**Unplug heater before filling or draining your waterbed. Follow specific heater manufacturer's guidelines for detailed installation instructions.**

**A.** Place the heating pad in the center area of the deck avoiding the cracks in the deck boards. For Queen or Super Single place heating pad to one side or the other. **Do No Place Over The Cracks.**



**B.** Mount the heater control to either side of the frame, depending on where you will plug it in. Control unit may mount to side or underneath. See manufacturer's instructions. Use the screws provided. Securely plug the cord from the heating pad into the heater control. Heater control is not required to be mounted, for those who are light sensitive. Also be careful to not overtighten the control to the frame, should you decide to mount it.



**C.** Run the thermostat control's sensor cable through the corner hole inside the frame onto the deck. The sensor cord should be positioned midway between the frame and the heating pad, preferably twelve inches away from the heating pad.



**D. Note: Heater should not be plugged in until the waterbed has at least 6" of water.** To test the temperature control system, plug it in, turn the control up to 90 degrees and place your hand on the heating pad. As soon as you feel it start to warm up **Unplug The Control From Your Wall Socket!**



**Note:** Today's Thermal Guardian waterbed heater is very efficient, as a result the heater will heat at around ¼ degree per two hour period. If you have the Touch Temp Digital, it is normal for the digital number to flash while heating to the set temperature.

**CAUTION:** Do not use this heater for infants, a child, a persons with no/limited mobility or heat sensitivity conditions or anyone who cannot clearly understand the instructions and/or operate the controls. If you have a medical condition, device or take medication that may affect your sensitivity to heat, consult your physician before use. Bodily contact with heater pad surface may be harmful and may be caused by an under-filled mattress or "bottoming out" on the heater. After bed set-up is completed, lie down on mattress to ensure no part of the body is in contact with the bottom of the deck board. Any contact with the bottom of the bed is "bottoming out" and could possibly cause harmful burns. (4)

## STEP 6: INSTALL SAFETY LINER AND MATTRESS

**A.** Simply spread out the Stand-Up liner inside your frame. It will stand-up inside the frame by itself.

**B.** Smooth out the wrinkles, **especially over the heating pad!**

**C.** Unfold the fluid support chamber and place on top of the vinyl safety liner. The valves on the water chamber should be located at the foot of the bed. Open both valves on the chamber to allow the vacuum sealed watermattress to begin to expand. Align the corners of the mattress with the corners of the frame. If your safety liner, heating pad, or heater sensor cable shifted during this process, reposition it now. **This is CRITICAL and must be done before filling the chamber(s) with water.**

To assist in the process you may fill the chamber with air using a shop vac or a hair dryer with a cool setting. Inflate the mattress until it is approximately 18"-24" above the foam rails. Place the caps back on the valves & push down on the center of the mattress. 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.

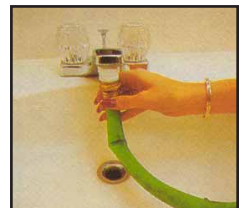


## STEP 7: FILLING THE WATER MATTRESS

**A.** From your bathroom faucet, remove the aerator by unscrewing it. (If your bathroom faucet does not have an aerator, you may have to use shower head faucet spout, kitchen faucet or an outside faucet.) **Note: Using hot water straight from the water heater may cause damage to the water chamber, heater & liner.**

**B.** Attach the faucet connector you purchased with your waterbed care kit, into your faucet. Next attach a garden hose to the faucet connector. Make a tight fit to avoid spray leakage (a towel placed over the faucet while filling will keep any leakage from spraying.) To help eliminate unclean water in your bed, flush running water through the garden hose for about 10 minutes before filling your bed.

**C.** Waterbed conditioner should be added after the bed is filled (helps reduce bubbles). Attach the waterbed hose connector onto your garden hose. Insert it into your "popped-up" valve and attach the hose connector and valve securely together to avoid leakage. Wrap a towel around this connector to soak up any unavoidable leakage. **Note:** The fill valve cap tabs on a new bed waterchamber should not be used until the bed has been filled and warmed by a heater. During first use, gripping the side of the cap & pulling at an alternating angle will help avoid the cap breaking when chamber is cold and stiff.



**D.** Fill your waterbed, checking on it periodically, with warm water to approximately 1/2" below the top of the stand up safety liner. Do not over fill the mattress. Shut off the water & remove the hose.  
**Note:** Fiber filled beds are supposed to have wrinkles and should sit below the top of the rail.



**E.** Remove the air bubbles inside the mattress. Do this by "pushing" them with a broomstick towards the valve which is "popped-up". Remove all the bubbles or they will create a "sloshing" sound. You will have to remove air bubbles again in about three days and also occasionally thereafter. **Note:** Fiber filled mattresses require walking and rolling on the bed to remove bubbles. The broomstick method is not effective with the higher fiber mattresses.



**F.** Insert the plug and securely screw on the cap. Plug in your temperature control system according to specific manufacturer's instructions and turn the thermostat to 80 - 85. Within 3 days, you can more accurately adjust up or down to your personal comfort level.



**G.** This close up photo shows how to insert your cap and plug without allowing air to get in the mattress and without allowing water to spill out. Your cap and plug may be a one piece design. Not separate as shown.



## **SPECIAL SECTION: DRAINING YOUR WATERBED**

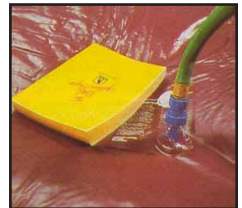
### **ALWAYS UNPLUG YOUR WATERBED HEATER BEFORE DRAINING OR FILLING YOUR WATERBED!**

**A.** First, **unplug your heater.** Next, insert your garden hose with waterbed hose connector into the "popped-up" valve, as pictured.

(Note: Photos show the standard syphon pump. However, for best results & ease of draining, we suggest you rent an electric pump available at InnoMax. For instructions on draining using an electric pump refer to [Electric Pump Draining Instructions on page 7.](#))



**B.** Weigh down the area around the valve with a few heavy objects, such as telephone books. This step will help prevent air bubbles inside the mattress from getting in your garden hose and stopping the siphoning action you will create.



**C.** Mount your drain pump to your closest faucet and attach your garden hose. Make sure your fittings are tight. With the "bell valve" in the "up" position, turn on the water to put more water in the mattress. This step pushes the air in your hose into your bed so you can create the continuous water siphon you need. (If you don't have a drain pump, see [draining without a drain pump](#) further instructions.)



**D.** Once water is flowing into the bed for a few seconds, turn the "bell valve" to the "down" position, leaving the water flowing full blast. The water from your faucet flowing through your drain pump will suck the water out of your bed. This will take one or two hours depending on water pressure. Do not allow air to get in the hose.



**E.** If you have a motion reduced mattress you must show special care while draining and moving your bed to prevent the interior fiber layers from shifting. **Do not lift, crunch or toothpaste roll the fiber filled mattresses. It's best to allow the bed to drain & grip the fiber and do a 1/3 letter fold from head to foot.**



**F. FOLD YOUR MATTRESS CAREFULLY. DO NOT LET THE FIBER LAYERS SHIFT OUT OF PLACE.** If any shifting does occur, you should reposition them before refilling your mattress. Fill cap should be added quickly, so that the likelihood of a fibershift is reduced.

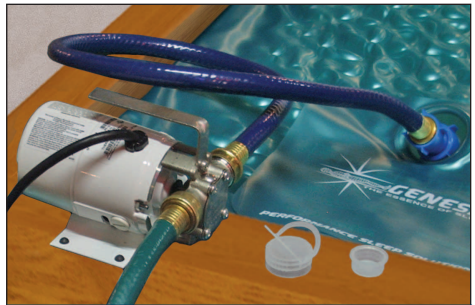


## ELECTRIC PUMP DRAINING INSTRUCTIONS

### Unplug The Waterbed Heater Before Draining The Mattress

**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 & 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 and 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.



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

⑦ Mattress still too heavy to move? Note: you can utilize a shop (wet/dry) vacuum to get the remainder of the water out.



HARDSIDE FLUID SUPPORT

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1-800-INNOMAX