

vive®



8" ALTERNATING PRESSURE MATTRESS

Owner's Manual
LVA1066

vivehealth.com



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WHAT'S INCLUDED

- 1x 8" Alternating Pressure Mattress w/ attached air hose
- 1x Compressor Pump w/ removable fuse
- 1x Patching Kit
- 1x Spare Chamber Replacement

SET-UP INSTRUCTIONS



Want to watch us do this instead? Just go to the following link to see how to set up and use your 8" Alternating Pressure Mattress. Visit vhealth.link/6m9

1. Unfold the mattress completely flat and place it on the bed so that the head and feet icons are facing up and positioned respectively to how the user will be lying.

NOTE: It is important to make sure the mattress is completely flat and any kinks in the hoses or cells are straightened out before inflation.

2. Locate one (1) of the straps on the left side of the Mattress (the patient's left) and stretch it underneath the bed frame to the pair of matching rings on the right side. Loosely secure the mattress to the frame by lacing the strap through the rings as shown in the figure below.



NOTE: Keep the straps loose until after the mattress is fully inflated so that it can expand completely without damaging anything. Remember to tighten the straps once the mattress is fully inflated.

3. Repeat Step 2 for the other strap.
4. Hang the compressor pump over the foot of the bed using the attached hooks if desired. If not hung on the bed frame, place it in an accessible position on a level surface.
5. Locate the air hoses extending from the mattress and connect them to the inflating nozzles on the compressor pump so that the locking tabs fit into place on the port. You should hear an audible click once fully connected. The hose will fasten into place regardless of which side of the connector is facing up or down.

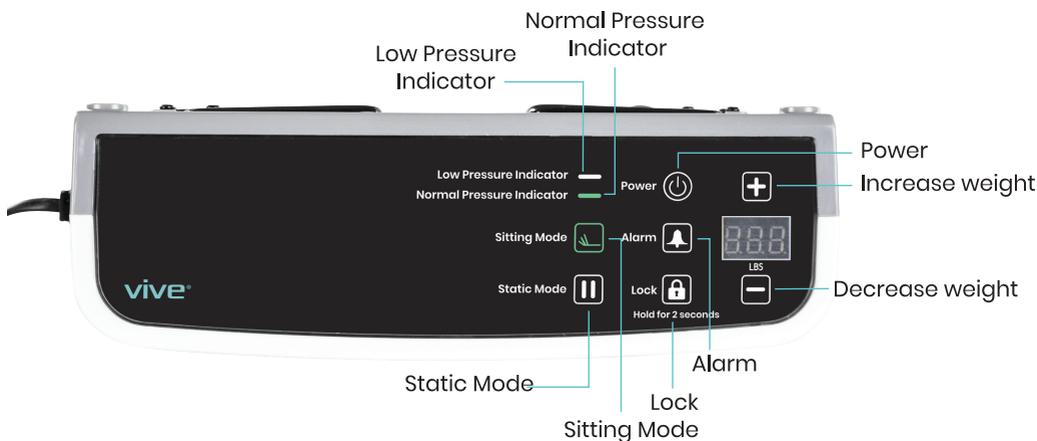


6. Plug the power cord on the Compressor Pump into a standard 110V electrical outlet.
7. Locate the red CPR valves on the patient's right side near the head end of the mattress and make sure that they are plugged in securely. If these valves aren't completely blocked, the mattress will continually vent air and never fully inflate.
8. Do a quick check to make sure all of the various connections are secure and push the Power  button. The Compressor Pump will begin inflating all chambers of the mattress. It takes about 60 minutes or so to completely inflate. While inflating, the Low Pressure Indicator will be lit up: this is normal. As soon as the pressure inside the mattress equalizes at 20 mmHg that Indicator will turn off and the Normal Pressure Indicator will turn on.

9. Once the pump starts, you can touch the **+** and **-** buttons to input the patient's estimated weight range between 80 - 350 lbs. Please refer to the weight (lbs) to pressure (mmHg) chart in the "Weight Display" section on Pg. 4. The lower the weight setting the "softer" the mattress will be and the higher the weight setting the "firmer" the mattress will be. The set weight does not have to be the patient's actual weight, these are only recommendations.
10. Once the mattress is completely inflated, unlock the controls and tighten down the three straps to secure it to the bed frame. These don't need to be extremely tight, just enough to keep the mattress from shifting more than an inch in any direction.
11. (Optional) Cover the mattress with a standard twin-size sheet.

HOW TO CONTROL THE COMPRESSOR PUMP

Here is a layout of the Compressor Pump controls and how to use them.



Weight Display

During normal operation the display shows the measured resistance between external and internal pressure. Fluctuations in the number will occur when weight or air is added or removed from the mattress. While you are adjusting the settings the display will show adjustments by patient weight ranging from 80 lbs to 350 lbs (ex. "180" will set the pump to the recommended air pressure for a 180 lb patient).

Refer to the chart below for the weight and pressure ranges. The mattress pressure will change based on the weight set, for a firmer mattress increase the weight and for a softer mattress lower the weight.

Weight (lbs)	80 lbs	120 lbs	150 lbs	180 lbs	210 lbs	250 lbs	280 lbs	320 lbs	350 lbs
Pressure (mmHg)	20 mmHg	25 mmHg	30 mmHg	35 mmHg	40 mmHg	45 mmHg	50 mmHg	55 mmHg	60 mmHg

Softer

Firmer



****The set weight can be adjusted for a firmer or softer pressure depending on the patients needs****

Power Button (Press Button)

Turns on the power to inflate the mattress, it takes about 60 minutes. If the alarm goes off you may press the power button to reset the pump.

Plus and Minus Button (Touch Button)

Increase or decrease the patient's weight range to set the recommended air pressure for the mattress, use the chart in the "Weight Display" section above for reference. If the patient prefers a softer mattress, lower the weight setting to reduce the pressure. For a firmer mattress, increase the weight setting to increase the pressure of the mattress.

180



Static Button and LED Indicator (Touch Button)

Places the mattress in “static” mode which stops it from alternating so that all chambers maintain equal pressure based on the current patient weight setting, usually to perform certain medical procedures. The display will show a “---” to indicate static mode; the LED will also turn on.

Sitting Button and LED Indicator (Touch Button)

This setting stops the mattress from alternating pressure throughout the chambers and automatically increases air pressure in order to provide a firmer surface for the patient to sit up. While in sitting mode, all chambers in the mattress will equalize at a firm pressure. The LED Indicator will light up, and the display screen will show an “L” to show that it’s in “sitting mode.”

Lock Button and LED Indicator (Touch Button)

During normal operation, all control buttons will be disabled after 40 seconds to prevent accidental changes in the settings; the LED light will light up to show that the controls are locked. Touch and hold this button for 2 seconds or until you hear an audible beep, the light will turn off indicating the lock is off and you can adjust any setting.

If you want to manually lock the controls after changing settings, touch and hold this button for 2 seconds or until the LED light turns on and you hear an audible “beep”.

LED Alarm Indicator (Touch Button)

If the compressor pump accidentally loses power, an audible alarm will sound to alert caregivers that there is a need for attention. The alarm will continue until the power in the pump’s capacitor runs out, after about 1 minute.

If the compressor pump fails to equalize the pressure in the mattress to 20 mmHg within 1 hour (possible leak), the LED light will turn on and an audible alarm will sound to alert caregivers. The sound will “Beep” twice and alert every 30 seconds until the alarm is shut off. Touch the alarm button to turn off or the power button to reset the compressor pump, make sure to unlock the pump first if it’s locked.

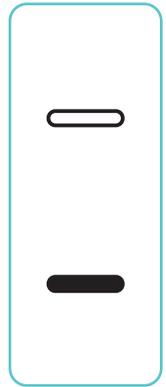


Low Pressure Indicator

Lights up during the initial inflation period or any time when the pressure in the Mattress is below 20mmHg. Normally illuminated during the inflation. If illuminated after inflation during standard use, check for air leaks and slightly increase air pressure.

Normal Pressure Indicator

Lights up when the Mattress reaches the pressure needed to support the current patient weight setting.



CPR VALVE

Your Alternating Pressure Mattress is equipped with a safety valve that will allow for an immediate deflation, creating a firm, stable surface in the case that life-saving measures, like CPR, need to be utilized on the patient in the bed.

The valve is located at the head of the Mattress on the right side under the flap in the Mattress cover. To vent the Mattress quickly, simply grab the red handle on the valve and pull it out hard to dislodge the plugs in the internal air tubes.



To resume normal operation, securely reinsert all of the plugs on the CPR valve into their ports in the Mattress chambers and reinflate the mattress.

MAINTENANCE

The only maintenance needed is to occasionally wipe down the Mattress with a damp cloth pre-soaked with warm water and a mild detergent or anti-bacterial cleaner. Air dry the Mattress without direct exposure to sunlight. The attached cover can be fully unzipped and removed for easy cleaning if necessary.

If you have any problems with the Mattress including setup, use, or maintenance, please contact service@vivehealth.com. Don't attempt to open the Compressor Pump or repair it by yourself. Please let us know at vivehealth.com if any unexpected operations or events occur.

REPAIR PROCEDURES

Fixing Small Holes Using the Patch Kit

If you notice a small leak in the Mattress, the product comes with a kit to help you patch it up. Follow these steps to mend any small holes:



Want to watch us do this instead? Just go to the following link to see how to repair a small hole in your Alternating Pressure Mattress. Visit vhealth.link/sq

1. Fully deflate the Mattress, unzip the Mattress cover, and find the location of the puncture.
2. Lightly clean the surface around the puncture and make sure it is dry before patching.
3. Remove the cap from the glue container, flip it over, and use the point in the cap to break open the seal on the glue container.
4. Apply a thick line of glue in a circle about $\frac{1}{4}$ to $\frac{1}{2}$ around the puncture.

NOTE: Do not apply glue onto the puncture itself, as it may seep into the Mattress and accidentally glue the insides of chamber together, resulting in a dimple that may cause more damage when you try to re-inflate it.

5. Once the glue is somewhat dry, check to see that it formed an even ring around the puncture. If there is excess patch rolling up around the glue, you can either carefully trim it off, or apply additional small amounts of glue to hold it down, once more allowing enough time to dry completely.

6. After at least six (6) Place the patch glossy side down over the puncture and dab it in place so that the glue has a chance to spread, but do not press overly hard.
7. Place a relatively heavy, flat item over the patch and let it sit for several hours to allow the glue to dry.
8. Hours since the last glue application, you may attempt to re-inflate the Mattress as normal.

REPLACING A FULL CHAMBER IN THE MATTRESS

If a leak is too large to be patched, you will need to replace the entire chamber. Your Mattress includes one (1) replacement chamber for this purpose. Follow these steps to change it out:

1. Fully deflate the Mattress, unzip the Mattress cover, and find the chamber that is punctured.
2. Unsnap the chamber at both the left and right ends to detach it from the cover.
3. Detach the two (2) rubber hoses from the left side of the punctured chamber and remove the chamber from the plastic holders.



4. Install the replacement chamber, making sure to thread it through the plastic holders.
5. Attach the two (2) hoses to the ports on the left side of the new chamber. Make sure that the hoses are securely in place before turning on the Compressor Pump.

TROUBLESHOOTING

Symptom	Problem	Cause	Remedy
Compressor Pump turns on, but Mattress will not inflate	Air is escaping from somewhere in the system.	The air hoses from the Mattress aren't connected to the Pump properly.	Inspect the hose connections. There should be an audible click when properly connected. Inspect the three (3) black O-rings on the hose connections to make sure they are visible and undamaged. If missing or damaged, simply replace with the spare O-ring included with the repair kit. If additional O-rings are needed, please contact Vive Health customer support to request replacements.
		The CPR Valve isn't properly sealed.	Check to make sure the CPR Valves on the left side of the Mattress are securely connected.

<p>Compressor Pump turns on, but Mattress will not inflate</p>	<p>Air is escaping from somewhere in the system.</p>	<p>One of the air connections to the chambers isn't properly connected.</p>	<p>Remove the Mattress cover and check the air cell connections to make sure they are properly connected.</p>
		<p>There is a leak in one of the chambers.</p>	<p>Remove the Mattress cover and inspect the air chambers for any sound of air leaking or visual rips/tears. Repair or replace as necessary.</p>
		<p>There is no air coming from the Pump.</p>	<p>Unplug the air hose connection to the pump and check to see that air is coming from the nozzles. If no air is being pumped out, turn off the Pump, unplug the power, replug, and restart the pump. If this doesn't fix the problem, contact Vive Health customer support.</p>
		<p>Pump is not plugged in.</p>	<p>Make sure the Pump is properly connected to a working standard US 110-120V outlet.</p>

Compressor Pump does not turn on.	The Pump doesn't have electrical power.	The fuse has been removed or isn't properly connected	Remove the black fuse located at the bottom of the pump beneath the black screw cap and reinsert it securely into place.
		The power cord has been damaged.	Check to make sure there are no tears on the power cable. Contact Vive Health customer support if the cable is damaged.
Mattress will not alternate.	The chamber control elements aren't functioning properly.	One (1) or more of the O-rings on the air hose connector to the Pump are missing or damaged.	Inspect the hose connections. There should be an audible click when properly connected. Inspect the three (3) black O-rings on the hose connections to make sure they are visible and undamaged. If missing or damaged, please contact Vive Health customer support to request replacements.

		One (1) or more of the air hose connections to the chambers isn't connected properly.	Remove the Mattress cover and inspect each of the hose connections to the chambers to make sure they are connected properly.
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SPECIFICATIONS

Alternating Pressure Mattress

- Mattress Dimensions: 80" L x 35" W x 8" H
- Mattress Sheet Size: Standard Hospital Bed (Twin XL)
- Chambers Height (Inflated): 8"
- Air Chambers Material: Nylon/PVC
- Cover Material: Nylon/PU

Compressor Pump

- Size: 10.6" L x 5.3" W x 3.75" H
- Power Supply: 120V/60 Hz
- Power: 8W
- Fuse Rating: 1A / 250 V
- Alternating Cycle Time: 12 minutes
- Weight: 3 lb.

NOTE: Do not modify this equipment from its original specifications.

MATTRESS CHAMBER DETAILS

There are three different types of air chambers used throughout the Mattress. The top three chambers are static chambers that do not alternate, but stay at a constant pressure to help support the patient's head. The next eight chambers (moving down toward the feet) and are ventilated, alternating chambers; they are designed with pin-sized holes at each end that constantly release air to help ventilate the patient and keep them dry.

The final 9 chambers are regular alternating chambers.



SAFETY INFORMATION AND WARNINGS

- The Mattress is rated for a minimum weight of 80 lb. and a maximum of 350 lb. Exceeding these limitations may result in damage to the product or personal injury.
- Always unplug the Compressor Pump before trying to change the Mattress or Pump position.
- Do not leave the Mattress or Pump exposed to high levels of humidity for extended periods of time.
- Do not use corrosive cleaning chemicals, acetic solvents or industrial degreasers on any part of this product.

HAVE MORE QUESTIONS?

Check out our list of Frequently Asked Questions at vivehealth.link/u3 for helpful answers.



And if that doesn't answer your question, our customer service team would love to help! Feel free to connect with them by phone, e-mail, or chat on our website.



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