



Setup Notes

Diamond 8 Plus Micro Low Air Loss Alternating Pressure Mattress

Unpack the mattress and control unit (pump). If you are using it for a client demo, be sure to keep the boxes and mattress bag just in case you need to send the mattress back to Quart Vancouver or Quart Toronto.

This is a Micro Low Air Loss mattress. The controller will require approximately 25 minutes for full inflation.

- Wipe down bed frame before placing mattress onto the bed deck. Place mattress on deck, arranging so that air supply tubes are at the foot of the bed.
- Secure the mattress to the bed frame with ties (black webbing) located on the underside of the mattress. Ties at the head of the bed should be snug. Ties located toward the middle section and foot of the mattress should be less snug, allowing the mattress to move as needed when the head or foot of the bed is raised/lowered.
- Place control unit onto the frame of the bed (foot end) using handles attached to the back of the control unit.
- Connect air hoses to control unit. The air supply hoses (grey connector) plugs into the controller with snap-in locking tabs engaged.
- Unzip cover and check to ensure all bladders (air cells) are connected to feeder tubes. Ensure no hoses are kinked. Zip the cover back up, ensuring zippers are all completely closed.
- Check to ensure the CPR valve (orange twist valve) at the head of the bed is in the closed position. When open you will be able to see through the small holes in this valve.
- Plug control unit into power outlet. Ensure the power cable is fed underneath the mattress to avoid becoming a tripping hazard.
- Turn on the main power supply switch located on the side of the controller, just above the power cord inlet. The power button will illuminate orange when control unit is plugged into electrical outlet.
- Press and hold the power button for 2 seconds. The indicator will illuminate GREEN and the control unit will be in operation.



- Press the **MAX** button to activate full inflation. Allow 25 minutes for controller to achieve full inflation. After fully inflated, the controller will automatically switch to 3:1 alternating pressure mode. This can be seen when the 'Alter' light illuminates green. To choose Static mode, press the Alter/Static button.

- Adjust the system's pressure setting. The control panel shows Comfort Settings from 1 (soft)– 5 (firm). Optimizing pressure for individual clients should be done in collaboration with a healthcare professional. When adjusting pressures, green lights just above COMFORT SETTING will illuminate, indicating your chosen setting.

Additional In-use Adjustments

Low Pressure - Possible air leaks or loose tubing connection result in low pressure light illuminating. Low pressure may also illuminate during initial inflation.

Battery Status – Orange light will illuminate if low battery. Green light will flash when battery is recharging.

Power Failure - If power is lost during operation, this light will illuminate. The control unit will continue operating without external power for approximately 2 hours.

Alarm - Power failure produces an audio alarm for added safety. The alarm can be disabled by pushing the ALARM RESET Button.

Lock –Press and hold the Lock button for 3 seconds to activate or deactivate lock function.

AIR FILTER must be cleaned monthly and replaced as needed.

Need additional help/advice regarding set-up?

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