



Inservice Information for Medline Supra
Low Air Loss and Alternating Pressure Mattress
Reorder Number #**MDT24SUPRACXC**

Congratulations! Your facility has purchased an outstanding Medline wound-therapy product. With proper care the Medline SUPRACXC will give years of trouble free service. This product provides low air loss from the holes in the air cells. These holes are located inside the white circles on the cells. Very small amounts of air help regulate the environment around the skin of those patients requiring temperature and moisture control. The system also provides pressure relief with alternating pressure. Every other cell inflates and deflates on a 9 min cycle. The caregiver may elect to stop the alternating function for dressing changes or for pain management by pressing the orange "Static" button. When illuminated the alternating function is turned off. Press the button again to resume alternating. For optimal pressure relief it is recommended that the system be set to alternate as much as possible. Your system includes a control box, zippered top cover, and mattress with air cells attached.

To install on any standard bed frame (approximately 35" wide x 80" long):

Remove regular mattress from bed frame. Unroll the SupraCXC mattress and place on frame with yellow CPR pull at head and long tubes at foot. Fasten D ring straps around outside edge of frame. Insure the straps will not interfere with movement of head or knee sections of frame. Check that plugs of CPR pulls are fully closed over red outlet holes on overlay tubing. If not, press firmly in place to prevent leaking.

Unzip cover and inspect all connections between air hoses and cells. Any leakage will prevent the mattress from filling.

Unfold brackets from back of control box and hang from footboard. Plug power cord into grounded wall outlet.

Insert white fittings on end of air tubes from overlay into fittings on control box – there is only one way they will click together. Turn on power switch on the control box- green light will indicate unit is on.

The mattress will fill in approximately 15 minutes. For more rapid inflation use our quick-fill pump, reorder MVC24P. This pump plugs into wall outlet and will inflate any mattress system within 2 minutes. Just hold air tubes from mattress flush with air outlet on pump. Wrap fingers around tubes and outlet and hold. Once full, turn off pump and connect air tubes to control box for the mattress.

Control box has a dial adjustment from soft to Firm to set system for individual patient. Capacity of the SupraCXC is 300lbs. turn dial to patient's weight.

A caregiver “hand-check” can be used to fine-tune dial. Place hand, palm-up: inside mattress between bottom of air cells and bottom cover. Feel upwards with fingertips to patient’s tailbone. One inch of flotation for “empty” cells is optimal if tailbone is resting on fingertips turn dial toward Firm, if you feel more than one inch of air cell, turn dial towards Soft, by 25 pounds or 1/8 turn. Check again after ten minutes. Patient may feel areas of unequal pressure –this is normal, and will gently change as the mattress alternates.

In the event CPR is needed, pull firmly on the yellow CPR tab near head of bed. Patient’s torso will bottom out quickly within 15-20 seconds, dependent on patient weight. For faster deflation disconnected tubes from control box at the footboard. Press down metal tab on fitting and pull fittings apart gently. To reset the system, close CPR pull, and reconnect air hoses to control box if they have been removed.

You will notice that the cell construction is a cell on cell model. The cell on cell model is to prevent bottoming out in case of a power outage. In the event of a power outage the top portion of the air cells will deflate because they are ventilated cells. The bottom half of the cells will stay inflated to prevent the patient from bottoming out. Once air is inflated into the bottom portion of the air cells the air is trapped until the CPR valve has been pulled.

Cleaning:

The SupraCXC can be cleaned on a daily basis just like a regular mattress. The top cover is fluid proof nylon. Spray and wipe down with any standard cleanser or disinfectant following manufacturer’s instructions for proper dilution. Abrasive chemicals and scrubbers should not be used as they may damage the cover.

In-between patients for infection control cover should be machine laundered or wiped down thoroughly top and bottom with disinfectant. Cool dry or line dry. High heat drying may damage the cover. The control box and hoses should be wiped with a cloth slightly damp with disinfectant. Do not spray disinfectant on control box directly- spray a small amount on the cloth and wipe the control box.

Troubleshooting:

- 1.) If the product is not filling up with air check that power is being supplied- Is the outlet working? Unit plugged in? Switch turned on? Are fuses good?
- 2.) If power is being supplied and green light is on but mattress is not filling check the CPR pulls to be sure plugs are completely closed, then check all connectors between air cells and hoses. If all connections are secure, disconnect pump and hold a finger over air outlet to feel if air is flowing – one outlet will flow at a time, and switch after five minutes. Check one outlet and then wait and check the other to make sure air flows from both.
- 3.) If air flows from both outlets (one at a time) then check air cells to make sure they are not ripped or punctured. If a cell is leaking a replacement can be ordered. Please contact your Medline sales representative for further information.