

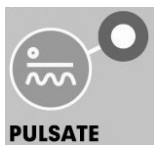
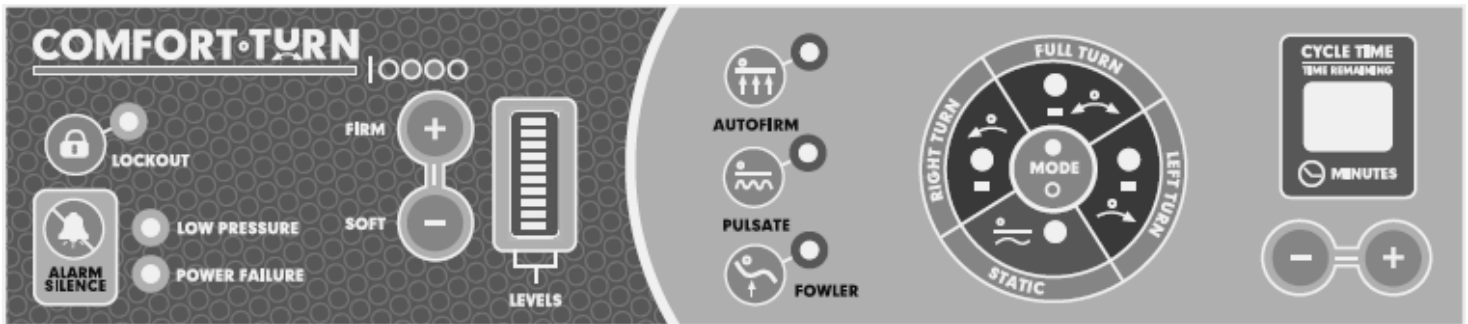


SAPPHIRE SERIES[®] COMFORT TURN[®]
Mattress Replacement System
Read Entire Manual Before



Quick Guide

Keypad Quick Reference



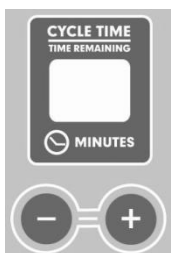
Pulsate –
Press to begin Pulsation therapy.



Firm –
Increases airflow for a firmer setting.



Autofirm –
Quickly inflates mattress to maximum firmness.



Cycle Time –
Increases or decrease the time of cycle between 3 to 90 minutes.



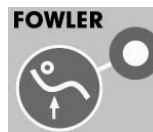
Lockout –
Locks all functions automatically after 3 mins. To disable, press and hold lockout button for 3 sec.



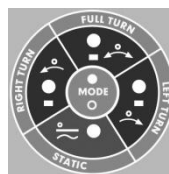
Alarm Silence –
Mutes the audible alarm. (Visual light will not turn off until failure is resolved.)



Soft –
Decreases airflow for a softer setting.



Fowler –
Used when head section of bed is elevated. Increases airflow to the mattress.






Mode –
Press the Mode button to select Right Turn, Left Turn or Full Turn.

Refer to this page as needed for quick reference to the control panel functions.

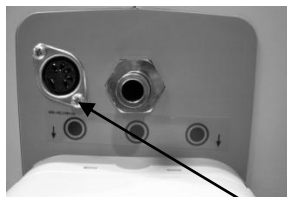
Provides individual button illustration and function description.

Sapphire COMFORT TURN® Operating Instructions

- 1) Remove standard mattress from the bed.
- 2) Replace standard mattress with the SAPPHIRE SERIES® COMFORT TURN® mattress. (Be sure air tubing is at the foot end of the bed.)
- 3) Strap air support mattress to bed frame on all four sides.
- 4) Place control unit on the footboard of the bed using the two retractable hooks located on the back of the unit. (If no footboard is available, put blower on the floor away from traffic.) To avoid blocking the air intake, **DO NOT** place control unit on its back.
- 5) Attach the air tubing to the blower unit, being sure it snaps in tight. (Be sure air tubing is not kinked and is unobstructed.)
- 6) **NOTE: (110V unit ONLY)** Plug unit into grounded 110V A/C outlet.
- 7) **NOTE: (220V unit ONLY)** Plug unit into grounded 220V A/C outlet.
- 8) Press the **Auto Firm** button for quick inflation. 
- 9) Place the patient on the bed **after** inflation to insure the air cells do not become twisted or kinked.
- 10) Once the air mattress is completely inflated, press the **Auto Firm** button again to exit that mode.
- 11) **Static Mode** 
 - a. Press the Mode button until Static is illuminated.
 - b. Set desired firmness with the Soft/Firm buttons.
- 12) **Fowler Mode** 
 - a. When elevating the head section of the mattress, press the **Fowler** button to increase airflow for seat inflation.
- 13) **Auto Fowler attachment** (Optional)
 - a. When elevating the head section of the mattress, **Fowler** mode will automatically turn on.



Auto Fowler
attachment



This is where the Auto Fowler attachment connects to the control unit.

14) Pulsate Mode

- Press the Pulsate button.
- Set the desired cycle time with Cycle Time buttons (3-20 minutes)
- Set desired firmness with the Soft/Firm buttons.

15) Turning Mode

- Press the Mode button until Right Turn, Left Turn or Full Turn is illuminated, which ever mode you desire. At this setting the degree of rotation will be approximately 40 degrees.
- In Full Turn mode the control unit has a preset of 3-minute intervals. The intervals may be adjusted by depressing the cycle time button to desired time (3 to 20 minutes. 30, 45, 60, 75 or 90 minutes also.)
- To set comfort level press corresponding firm or soft button. There are 10 levels of firmness indicated by lighted bars located on the control panel.

WHEN THE PATIENT IS PUT IN TURNING MODE, WATCH IV LINES AND TUBING TO INSURE THAT THERE IS ENOUGH LENGTH TO ACCOMMODATE A FULL ROTATION. IT IS ADVISED TO MONITOR THE PATIENT FOR 2 TO 3 COMPLETE ROTATIONS.

Notice: When the cycle time is showing “Hd” the control unit will hold the patient in the turn position until a caregiver physically changes the cycle time.

16) Lock-out Feature

- After 3 minutes, if there are no changes to the blower settings, the lockout feature will activate.
- Press and hold the Lock-out button for 3 seconds to disengage the lock-out feature.

17) For quick deflation or for CPR use:

- Turn power off
- Twist CPR plug on the mattress to open.
- Remove the hoses from the control unit.

Notice: The mattress is equipped with a 2-inch foam pad in the mattress base for patient support and transport.

Mattress Cleaning Instructions

WARNING and CAUTION:



- A. It is recommended that gloves and protective clothing be worn at all times during cleaning and disinfecting
- B. Hypercarbonate and phenol based solutions **should not** be used.

During Operation:

For normal soil, wipe down cover and interior sacs with a standard cleaning disinfectant and wipe off excess moisture with a towel.

Laundering Mattress:



1. Disconnect the power from the Control Unit and deflate the interior sacs.
2. Disassemble cover, interior sacs, connecting hoses, and base. Place them in different laundering baskets.
3. The interior sacs must be hand cleaned only. DO NOT place in sterilization room or chamber. Use a spray disinfectant to wipe down interior sacs. Air-dry sacs. **DO NOT expose to heat.**
4. Spray disinfectants and wipe down foam cover.
5. Place cover and base **ONLY** in washing machine.
6. Use standard hospital disinfectant/detergent.
7. Set washing cycles as recommended below: **Regular Cycle**
 - a) Pre-soak with disinfectant/detergent with diluted bleach in cold water (10 minutes.)
 - b) Main wash for 15 minutes (Time depending on soil level).
 - c) Rinse Cycle: 5 minutes minimum.
 - d) Spin/Drain Cycle: 5 minutes minimum.
 - e) Air-dry or place in dryer at very low or no heat.
8. After the cover, interior sacs, and base are dry, store them in a sterilized bag and seal for next use.
NOTICE: DO NOT use water temperatures greater than 150°F (65°C).

Blower Unit Cleaning Instructions

WARNING and CAUTION:



A. Hand clean only. DO NOT place in sterilization room or chamber.

B. It is recommended that gloves and protective clothing be worn at all times during cleaning and disinfecting



C. Hypercarbonate and phenol based solutions **should not** be used.

D. Make sure unit is turned "off" and unplugged before cleaning.

For normal soil, wipe down with a standard cleaning spray and wipe off excess moisture with a towel. Spray with a disinfectant and let it stand for a few minutes before wiping down. Check corners and creases for soil build-up. Look to see if any external parts are damaged or need replacing such as: hooks, foot pads and filter. Replacement parts can be issued. Contact your representative for servicing.

NOTE: To keep your equipment working efficiently and effectively for an extended time period, it is essential to make sure the equipment is cleaned regularly and well maintained.

Maintenance:

Air Filter

The foam air filter on the back of the Control Unit must be cleaned weekly with soap and warm water. Replacement of the foam filter is recommended every 6 months.

Power Cord

The power cord should be checked for damage each time the Control Unit is used. The cord should always be kept away from free moving parts. If the power cord is damaged it will need to be replaced.



The filter is easily removed and reinserted through the gap in the back case.