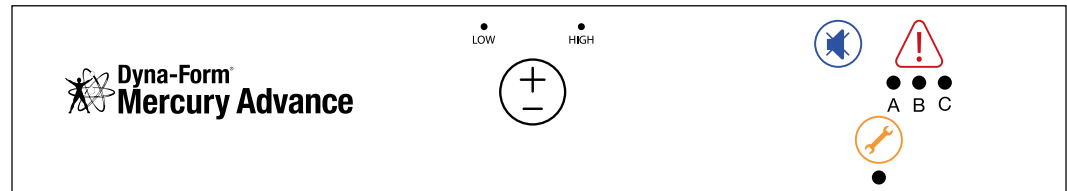




Dyna-Form[®] Mercury Advance

This is a quick reference guide for the **Dyna-Form Mercury Advance System** (refer to user manual for additional information).

Product Code MAT/ADV/198/88/15



Power Switch Audible Warning Reset

The power switch simply switches the mains power to the pump on and off.

When the pump detects an Audible Warning condition, this can be silenced as below and re-set by switching the pump off and then back on again.



CPR Valve

Please ensure that the CPR connector is always placed fully home, prior to inflating the mattress.

NB: The mattress will NOT inflate properly should this not be the case.

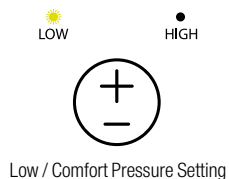
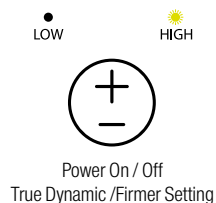
The CPR connector is only to be used in the event of a clinical emergency for priority use. However, disconnecting this function will cleverly deflate air rapidly from the mattress in readiness for transport / static mode.

LED Mode Settings

This symbol when illuminated indicates that the mattress is powered ON.

Simply de-select to power OFF.

For patients with existing pressure damage or those at Very High Risk, it is recommended that dependant on the clinical judgement of the clinician, the "High" setting is activated by pressing the +/- button once, which is located on top of the pump. In "High" Mode the pump attains more of the characteristics of an alternating air mattress system whilst still utilising the advantages of the static foam inserts. Repeatedly pressing the 'mode' button enables the Low & High modes to be selected in turn.



The initial setting that the pump will revert to upon set up is "Low". The "Low" comfort setting is ideal for the lighter patient or those who feel discomfort when on a normal alternating air type mattresses system.

This function is used to silence the audible warning. The LED will remain lit if the audible warning has been silenced previously, however a fault is still detected. Refer to the power switch (as above) in order to re-set fully. If the audible warning continues to sound repeatedly, along with an illuminated light, then an engineer must be called.

This symbol indicates an "Audible Warning Failure". Please see trouble shooting guide overleaf for how to re-set.

NB: Please ensure that all securing straps on the base of the mattress are secured onto the NON MOVING PARTS of the bed frame.

Troubleshooting

TROUBLESHOOTING

Warning / Fault

Cause

Control Unit does not operate; no display lights illuminate

The Control Unit may not be attached to a power source or a fuse may need replacing.

1. Check the Control Unit is connected to mains power outlet with the correct voltage.
 2. Check the Control Unit is switched on. Switch off and unplug the unit before restarting.
 3. Check the mains plug fuse (5 AMP) then check both Control Unit fuses (1 AMP) – fuses can be released using a screwdriver to push and turn.
- ⚠ Do not try to open the Control Unit. Opening the unit could cause personal injury or equipment damage.
⚠ Ensure the replacement of fuses is carried out accordance with local legislation.



Warning LED C + audible warning

Mains failure / Other
See above, plus:

1. Reset the audible warning – turn off power and press the audible warning mute button.
2. Check the handle is intact, ensuring all four sealing connectors are firmly fitted to the control unit and the air hoses. Check the CPR tag is attached and all sealing connectors are firmly secure.
3. Check all air hoses along the inside of the mattress – each should be firmly connected. Check each air cell is securely attached to its connecting air pipe.
4. Check all cells, pipes and hoses for any air leakage.
5. Switch on power.



Warning LED B + audible warning

Pressure too low

1. Reset the warning – turn off power and press the audible warning mute button.
2. Check the handle is intact, ensuring all four sealing connectors are firmly fitted to the control unit and the air hoses. Check the CPR tag is attached and all sealing connectors are firmly secure.
3. Check all air hoses along the inside of the mattress – each should be firmly connected. Check each air cell is securely attached to its connecting air pipe.
4. Check all cells, pipes and hoses for any air leakage.
5. Check that the air filter cover is correctly secured and the air filter is clean.
6. Switch on power.



Warning LED B+C + audible warning

Pressure too low /
Air pipe kinked

1. Check all air hoses along the inside of the mattress – each should be firmly connected. Check each air cell is securely attached to its connecting air pipe.



Warning LED A + audible warning

Pressure too high

1. Reset the warning – turn off power and press the audible warning button.
2. Disconnect the air hoses to reduce pressure, reconnect when pressure has decreased.
3. Check for twists in the air hoses between Mattress and Control Unit.
4. Switch on power.



Warning LED A+B + audible warning

Alternating
Mode Failure
(no alternation)

1. Reset the warning – turn off Power and press the audible warning mute button.
2. Disconnect the air hoses to reduce pressure – reconnect when pressure has decreased.



Warning LED A,B+C + audible warning

Initialising Failure

1. Press the audible warning mute button to silence the audible warning.
2. Check the power cable is firmly plugged into the mains outlet and the Control Unit; and check the mains power is switched on.
3. Check the Control Unit fuse (1 AMP) – fuses can be released using a screwdriver to push and turn.



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