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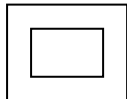
SAFETY

Before you use your Bubble Mattress Overlay System, please familiarise yourself with the information in this user manual. Keep this manual in a handy place for future reference.

For your safety and the efficient performance of the system the following precautions should be observed:

- **MAXIMUM WEIGHT LIMIT 100 kgs**
- Do not expose the pump to liquids of any kind
- Always protect the systems from open flames
- Avoid the use of Phenol based solutions when cleaning
- Store the system in a clean and dry environment
- Do not store in direct sunlight

NOTE: The pump in this system is fitted with a functional earth, and is labelled accordingly



Double insulation



See instructions
for use }

As labelled accordingly



Type BF equipment }

There is a possibility of electro-magnetic interference with other devices. If so increase distance between devices.

BUBBLE MATTRESS SYSTEM TROUBLESHOOTING PROCEDURE

FAULT DESCRIPTION	THINGS TO CHECK	SOLUTION TO PROBLEM	IF STILL NOT WORKING
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4. THE SYSTEM DOES NOT APPEAR TO BE ALTERNATING	THERE ARE NO KINKS IN THE TUBING RUNNING DOWN THE SIDE	UNTWIST ANY KINKS FOUND	RETURN SYSTEM TO YOUR SERVICE PROVIDER
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5.THE PUMP IS OPERATING NOISILY	THE PUMP IS NOT RESTING AGAINST A SOLID SURFACE	RETURN PUMP TO YOUR SERVICE PROVIDER	
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NOTE: ALL CIRCUIT DIAGRAMS AND PARTS ARE AVAILABLE
FROM PARK HOUSE HEALTHCARE

BUBBLE MATTRESS SYSTEM TROUBLESHOOTING PROCEDURES

FAULT DESCRIPTION	THINGS TO CHECK	SOLUTION TO PROBLEM	IF STILL NOT WORKING
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1. THE PUMP IS SHOWING NO INDICATORS TO SAY THAT IT IS ON. . .	MAINS IS PLUGGED IN.	PLUG IN	RETURN PUMP TO SERVICE PROVIDER...
	MAINS ARE TURNED ON.	TURN ON	
	FRONT SWITCH IS ON.	TURN ON	
	FUSES ON THE SIDE PUMP ARE NOT BLOWN.	REPLACE WITH A 1 AMP FUSE.	
	FUSE IN THE PLUG BLOWN.	REPLACE WITH A 3 AMP FUSE.	

2.THE LOW PRESSURE LIGHT IS ON AND NOT GOING OUT. .	THE HOSES ARE ALL CONNECTED	RECONNECT HOSES	RETURN SYSTEM TO YOUR PROVIDER. . .
	THERE ARE NO LEAKS IN THE MATTRESS SYSTEM	RETURN MATTRESS TO YOUR SERVICE PROVIDER	

3.THE PUMP IS ON BUT NOT INFLATING THE MATTRESS	DISCONNECT HOSES FROM PUMP TO SEE IF AIR IS COMING OUT	RETURN PUMP TO YOUR SERVICE PROVIDER	RETURN SYSTEM TO YOUR SERVICE PROVIDER
	THE HOSES ARE ALL CONNECTED	RECONNECT HOSES	
	THERE ARE NO OBVIOUS AIR LEAKS IN THE MATTRESS SYSTEM	RETURN MATTRESS TO YOUR SERVICE PROVIDER	

WARNING

MAXIMUM PATIENT WEIGHT 100 kgs

WARNING

ELECTRICAL EQUIPMENT CAN BE HAZARDOUS IF MISUSED.
ONLY AUTHORISED TECHNICAL PERSONNEL SHOULD REMOVE THE PUMP FOR MAINTENANCE.

WARNING

DO NOT USE THIS PUMP IN THE PRESENCE OF FLAMMABLE GASES

WARNING

BEFORE CLEANING THE UNIT ENSURE THAT THE ELECTRICAL SUPPLY TO THE PUMP HAS BEEN DISCONNECTED. PLEASE REMOVE THE PLUG FROM THE POWER SUPPLY.

WARNING

IF THE PUMP IS SWITCHED OFF FOR WHATEVER REASON THE MATTRESS WILL DEFLATE

CAUTION

DO NOT USE THIS SYSTEM AS A MEANS FOR LIFTING THE PATIENT.

TRANSPORT & STORAGE CONDITIONS

NOT TO GO OUTSIDE THE FOLLOWING RANGES IN A PERIOD NOT EXCEEDING 15 WEEKS.

AN AMBIENT TEMPERATURE RANGE OF - 40° C TO + 70° C

A RELATIVE HUMIDITY RANGE OF 10% TO 100% INCLUDING CONDENSATION

PRODUCT DESCRIPTION

The Bubble is an alternating mattress overlay system used in the prevention and treatment of pressure ulcers. By using the established principles of alternating therapy the Bubble offers patients a comfortable and relaxing support surface which can both prevent breakdown and enhance healing.

The Bubble power unit is both lightweight and compact and features a visual low pressure indicator and a factory set pressure control. The mattress unit alternately inflates and deflates throughout the 9.5 minute alternating cycle

In the event of cardiac arrest, rapid deflation is achieved by disconnecting the hoses from the pump.

GUARANTEES AND WARRANTIES

4. Warranty

Extended warranties can be purchased from Park House Healthcare, for more information contact Customer Services on Tel: 0845 066 333

5. Claims Relating to Guarantee or Warranty

In the event of a fault being discovered within the period, the customer shall notify the Company at the earliest opportunity.

If upon inspection, the Company accepts liability then the equipment shall be repaired or replaced immediately.

If the Company does not accept liability it shall inform the customer of its reasons for declination and provide the customer with an estimate of both the repair or replacement cost.

The Company reserves the right to alter or amend this document without notice.

GUARANTEES AND WARRANTIES

1. Pumps

All Pump Models have a guarantee for a period of 1 year following the date of despatch

2. Mattress

All Mattresses are guaranteed for a period of 6 month effective from the date of despatch.

3. Guarantee

The Company guarantees to repair or replace any equipment issued to its customers which is found to be faulty during the relevant guarantee or warranty period.

The Company's guarantees are subject to the following conditions:

- a) That the equipment has been used for the purpose for which it was intended.
- b) That the usage has been on a 'fair wear and tear' basis.
- c) That the Company's cleaning / disinfection guidelines have been followed.
- d) That the Company's maintenance guidelines have been followed.
- e) That maintenance has been carried out by a suitable qualified person.

BRIEF OPERATING PROCEDURES **BUBBLE ALTERNATING MATTRESS SYSTEM**

Installation

1. Unpack the system and place the pump at the foot end of the bed.
2. Place the support surface on top of the existing mattress with the cell uppermost.
3. Connect the tubes leading from the mattress to the outlet Ports, Inflation tubes should be at the foot end of the bed on the pump.

Note: The Bubble pump must only be used with the Bubble mattress

4. Tuck end flaps under the mattress.
5. Connect the pump to the mains power supply and switch on the pump. At this stage both the mains power and low pressure indicators will illuminate.
6. Cover the support surface with a loosely fitting sheet.
7. When the low pressure indicator has extinguished, patient may be placed on the support surface and further bedding added.

Operating Functions

- a) CPR Requirement
If rapid deflation of the mattress is required, simply disconnect the two hoses from pump.
- b) Infection Control
Should the mattress become infected then please refer to our disinfection protocol for appropriate cleaning processes.

DISINFECTION PROTOCOL

The following guidelines are suggested by Park House Healthcare Ltd as suitable infection control procedures. Further information is available.

PUMPS

General cleaning may be effected by using a cloth dampened with a mild detergent and water solution. This approach may be followed either by wiping with a sodium hypochlorite solution to a dilute of 1000 ppm or by using an alcoholic wipe.

DO NOT use hyper carbonate or phenol based cleaning solutions.

DO NOT use any abrasive compounds or cleaning pads.

MATTRESS

During general use the mattress and tube set may be cleaned by using a mild detergent solution. Wherever there is staining or body fluids on the mattress, including cells and tubing, then a sodium hypo chlorite solution to a dilution of 1000 ppm should be used following through cleansing with soap and water.

Do not use phenol based solutions

CAUTION :

During cleaning procedures suitable protective clothing should be worn.

Ensure that mains power supply to the pump has been disconnected prior to cleaning.

ANNUAL MAINTENANCE

1. Inspect all Filters.
If filter is dirty, clean with a vacuum cleaner.
If filter is still dirty then replace with a new one.
2. Check that the timer is rotating, if not then replace.

Remove timer top and clean all dust and grease off with a cloth. Use a screwdriver to get into all the grooves on the gear drive cog.

The whole timer assembly should be replaced every three years of service.
3. Ensure that all the hoses inside and outside the pump are kink and split free.

If any splits are found replace the tubes.
4. Ensure that all the hoses inside and outside the pump are not brittle. If any tubes are brittle then replace the tubes.
5. Check that all indicators are working; if not then replace the faulty indicators.



New Corporate Headquarters opened in October 2006

The Company

Founded in 1984, Park House Healthcare Ltd is recognised as one of the leading manufacturers of specialist pressure relieving and pressure reducing equipment in the U.K.

Park House Healthcare Ltd has an extensive product portfolio and the facility to customise products to suit customer needs whilst offering solutions in pressure care, postural management and moving and handling.

Employing over 100 full time staff at our 60,000 sq. ft state of the art Corporate Headquarters in West Yorkshire; Park House Healthcare are proud to offer in-house manufacturing, a full product audit and decontamination service and a network of distribution centres as part of our continued commitment to Customer Care.

24 hour care, 365 days a year dedicated internal personnel manage specific regions and divisions ensuring one on one personal customer service at all times. With distributors in 25 over countries, Park House Healthcare are a truly international company and we place important emphasis on providing high levels of customer care to ensure we exceed customer expectations at all times.

Additional support nationwide is available through our service centres situated strategically around the country.

Park House Healthcare Ltd is a respected member of the British Healthcare Trade Association and has BS EN ISO 9001 and EN 46002 accreditation which is the specific quality standard for Medical Devices. All products are CE marked in accordance with the European Directive 93/42/EEC.



Certificate No. 8019

ISO Certificate No: 8019
CE Certificate No: CA001810
Master Indemnity Assurance No: IFA2433 0451 CCI

Due to its policy of continued developed and improvement, Park House Healthcare Ltd reserves the right to amend any details and specification without notice.

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Park House Healthcare Ltd
Whitehall 26 Business Park,
Heathfield Lane, Birkenshaw,
West Yorkshire, BD11 2HW, UK.

Tel: 0845 0600 333

Fax: 0845 0600 334

Email: sales@parkhouse-hc.com

International Tel: +44 (0) 1274 475000

International Fax: +44 (0) 1274 475046

International Email: international@parkhouse-hc.com

Web: www.parkhouse-hc.com



BUBBLE

Mattress Overlay System



User Manual