

OEM information

Company name: Foshan Hongfeng Co.,LTD

Address: NO.4 Leqiang Road ,Jeping Sanshui,Foshan,528100,
GuangDong, China

E-mail: fof8@fofomedical.com

UK REP

Business name: AMANTO INTERNATIONAL TRADE LIMITED

Business address: The Imperial, 31-33 St Stephens Gardens,
Notting Hill, London, United Kingdom, W2 5NA

Email: AmantoUK@hotmail.com

Tel: +44 7921 801 942

EC REP

Business name: g.L.L. GmbH

Business address: Bauernvogtkoppel, 55c, 22393, Hamburg, Germany

Email: g.L.L.DE@outlook.com

Tel: +49 162 3305764

Shenzhen Liuyi Technology Co., Ltd.

ADD:219, Shouzao Culture Street,Bantian Street,Longgang
District,Shenzhen

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USER'S MANUAL

MEDICAL ANTI-DECUBITUS SYSTEM

(Mattress with adjustable pump)

MODEL NO: HF62012



Operating Principles

1. Alternating pressure at a sufficient rhythm avoids prolonged vascular compression which is likely to cause tissue hypoxia.
2. Alternating pressure adapts the mattress to the patient's and their position.

Guidelines For Use

The traditionally accepted method of pressure sore control is to turn the client at regular intervals and to observe the areas of risk regularly.

Alternating pressure mattress is intended to compliment this treatment, observation of the client and turning when necessary should still be considered as part of the treatment.

General

1. For patients who are likely to spend more than 15 hours per day in bed.
2. For patients who are classed as medium to high risk of developing pressure ulcers.

Installation / Use

1. Unpack the mattress and lay it flat on the bed, ensuring the air nozzle is positioned at the foot of the bed.
2. Connect the mattress to the air pump using the included dual-row gas connection tube, inserting it at a slight angle into the air nozzle to prevent air leakage. As shown in Figure 1.
3. Hang the pump at the foot of the bed using the hook, with the hook positioned at the bottom of the compressor. See Figure 2.
4. Plug the air pump into a power outlet, switch it on, and check for any air leakage at the connection point by listening or feeling.
5. For initial inflation, set the pump to level 5 for quicker inflation and wait for about 15 minutes for full inflation.

6. The mattress will inflate fully initially and appear fuller (firmer), then start cyclic inflation and deflation of the air cells.
7. The pump has 5 levels for adjusting firmness. Level 5 is the firmest, Level 1 is the softest. Users can choose their preferred level. As shown in Figure 3.
8. It is recommended to put a thin blanket on the mattress to increase comfort.

Figure 1

mattress air pipe connection Compressor (pump) air pipe connection

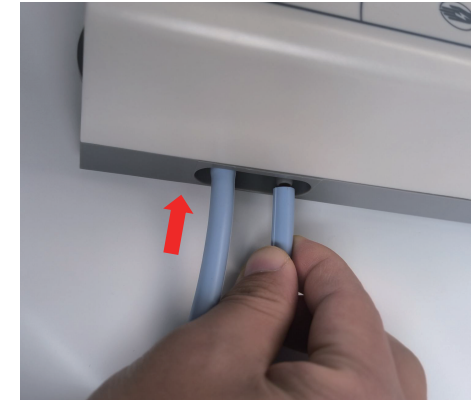


Figure 2

Use a hook to hang the pump at the foot of the bed



Figure 3

The pump has 5 adjustable firmness levels. 5 is the firmest and 1 is the softest



Air Circulation System

Featured with breathable micro-air vents on the pressure mattress's surface(As shown in Figure 4) , creating an air circulation wave system (As shown in Figure 5) , keep dryness and cool feeling, reduces discomfort during prolonged bed rest.

Figure 4

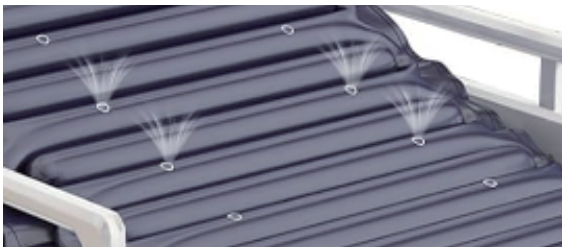
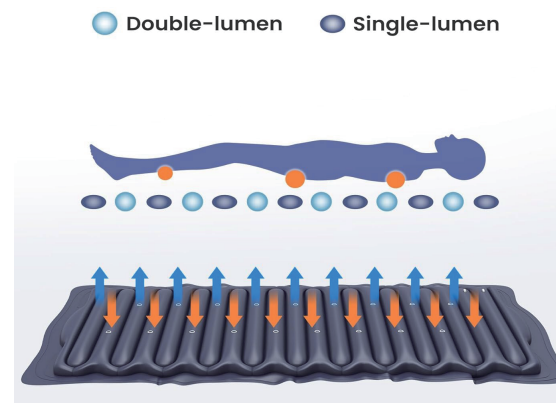


Figure 5



Safety Measures

1. Use caution when operating this electrical equipment.
2. Please turn off the power switch when not in use.
3. Do not expose the device to excessive moisture.
4. Do not use alcohol or caustic cleaning products such as industrial degreasers or acetic acid solvents.
5. Do not attempt to relocate this equipment while power is connected.
6. When placing it on the bed, check whether there are any sharp objects on the bed surface to avoid puncturing the mattress and causing air leakage.

Cleaning / Disinfection

Compressor (Pump):

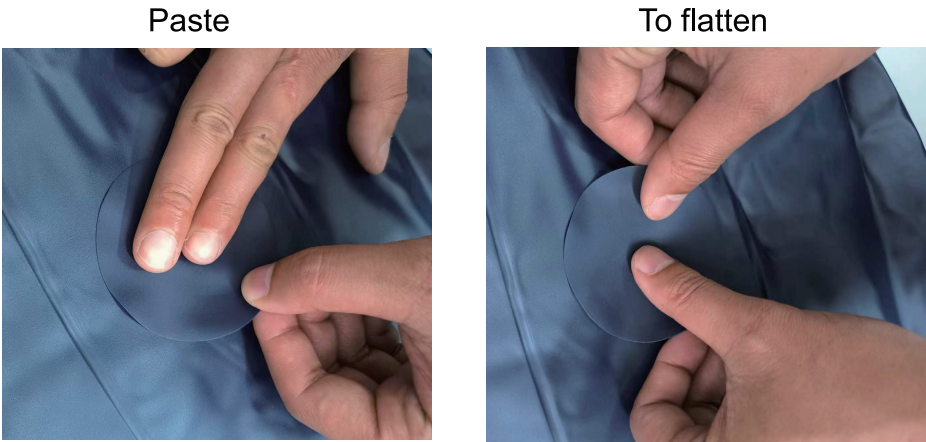
1. Do take care to disconnect from the electrical supply before attempting to clean.
2. Do take care to use a cloth impregnated with a mild detergent solution.
3. Do take care to follow manufacturers solution concentrations
4. Do take care not to exceed manufacturers recommendations. before wiping off cleaning solution.

Use a cloth impregnated with a detergent product solution or a surface detergent / disinfectant with CE mark following the usage concentrations recommended by the manufacturer follow the endurance times.

Air leak repair

1. If the mattress is accidentally punctured by a sharp hard object or there is air leakage from small holes on the surface of the product, you must first find the air leakage point.
2. Apply the matching repair glue in the attachment evenly on the repair piece, then stick it with the air leakage point as the center, and press it flat with your hands. As shown in Figure 6.
3. After pasting, wait 15-20 minutes before inflating.

Figure 6



Common Issues and Resolutions	
Issue	Solution
1. Pump not functioning	1. Check the power supply, ensure the air pump power plug is securely connected to the socket, switch on the pump, and adjust the inflation gear knob to a setting above level 1.
2. Incomplete inflation	2. For initial inflation, ensure pump set to Level 5 for full inflation. Selecting a lower setting may give the impression of incomplete inflation
3. Lengthy inflation time	3. When switching to a higher level or using the pump for the first time, it may take approximately 15 minutes to fully inflate the mattress.
4. Mattress feels too firm after inflation	4. Adjust pump for desired firmness. Level 5 is the firmest, Level 1 is the softest.
5. Alternating function issue	5. The product internally detects inflation pressure, typically cycling every 12 minutes. The alternating function may not be noticeable if the mattress is not inflated to the corresponding gear level.
6. Pump stuck in inflation mode	6. Check and secure air tube connections. Inspect the mattress surface for punctures from sharp objects; repair any leaks following the instructions in the manual.

Mattress parameters

Specification:

Max. User Weight : 308lb/140Kg
 Mattress Dimensions : 97.4*38.2inch/247.4*97cm
 Materials : PVC 0.126inch/0.32mm

Compressor (pump) parameters

Specification:

Cycle Time : 12 Mins.
 Air Output : 5-7 L/ Min.
 Pressure Range : 50~ 110 mmHg
 Electrical Power Supply:
 US: AC 120V 60HZ 0.06A
 UK/EU: AC 230~240V 50-60HZ 7W