



General User/ Safety Guide
**ACTIVE SEAT
SYSTEM**

ACTIVE CUSHIONS



www.harvesthealthcare.co.uk

CONTENTS

WARNINGS & CAUTIONS	4-5	
GENERAL INFORMATION	6-10	
1	DEFINITION OF THE GROUPS MENTIONED	6
2	NON-COMPLIANT USE	7
3	SAFETY INSTRUCTIONS	7
3.1	GENERAL SAFETY INSTRUCTIONS	7
3.2	SAFETY INFORMATION FOR THE OPERATOR	8
3.3	SAFETY INFORMATION FOR THE USER	8
3.4	SYMBOLS USED	9
3.5	CLEANING & DISINFECTION	10
3.6	SERVICING & MAINTENANCE	10
3.7	SERVICE LIFE & DISPOSAL	10
TECHNICAL SPECIFICATION	11	
OVERVIEW	12 -13	
INSTALLATION	15	
OPERATION	16/17	
CLEANING & CARE	18-19	
ROUTINE MAINTENANCE	20-21	
TROUBLESHOOTING	22-25	
PARTS LIST	26	
GUARANTEES & WARRANTIES	27	
DECLARATION OF CONFORMITY	28	

WARNINGS & CAUTIONS



READ THIS INSTRUCTION MANUAL AND OBSERVE SAFETY INSTRUCTIONS.



WARNING

- Electrical equipment can be hazardous if misused.
- Only authorised technical personnel should service or maintain the pump unit.
- Removing the back case by unqualified personnel will invalidate any warranty.
- Before cleaning the unit, ensure the electrical supply to the pump has been disconnected. Please removed the plug from the power supply.
- Do not use this system as a means for lifting the patients. This will damage the system and could put the patient at risk.

GENERAL INFORMATION

ACTIVE SEAT SYSTEM

The Harvest Active Seat System is an alternating pressure relieving seat system, used in the prevention and treatment on pressure ulcers. This system is recommended for use by a patient who requires pressure relief whilst sitting.

The system uses the established principles of alternating therapy, which offers the patient comfortable and relaxing support that can both prevent tissue breakdown and help with healing.

The pump unit is both lightweight and compact; it features a clearly visible, low pressure warning indicator and a manual pressure control function.

The sections of the cushion alternate through a 10 minute cycle, in which time both sets of alternating air cells will have inflated and deflated sequentially. All air cells are individually replaceable should any damage occur to them.

Quick release couplings between the pump unit and the seat enable easy patient transfer arrangements. To deflate the system, simply disconnect the couplings from the pump unit.

The cover is made of a multi-stretch, vapour permeable, waterproof PU fabric.

TECHNICAL SPECIFICATION

INSTALLATION

TECHNICAL SPECIFICATION

Product Code	HH20 - Seat System HH23 - Seat and Lumbar HH43 - Seat, Leg and Lumbar
Pump Model No.	Please refer to the user manual supplied with the pump
Pressure Sore Risk Level	High Risk
Minimum Patient Weight	5 Stone / 32 kg
Maximum Patient Weight	25 Stone / 159 kg
Inflated Dimensions	430 x 430 x 90mm (Seat) 240 x 370 x 120mm (Lumbar) 240 x 370 x 120mm (Leg)
Cushion Weight	1.4 kg
Operating Cycle	10 minutes
Fire Retardancy (Cover)	BS 5852-1 1988

INSTALLING THE ACTIVE SEAT SYSTEM

- 1 Unpack the system and place the pump unit next to the chair (take care when operating with recliner chairs).
- 2 Place the seat cushion on top of the existing chair where the patient will be seated with the cells facing upwards. Place the straps behind the chair and secure using the clips - tighten straps as required.

If the Seat and Lumbar section is being installed, affix the straps for the Seat cushion as above, and additionally hang the Lumbar straps down the back of the chair. These should be clipped to the lower seat straps and tightened as required - please see below.



The Seat, Leg and Lumbar system is a complete set - please note the leg section has no straps to secure to the chair.

- 3 Connect the tubes leading from the seat cushion to the outlet ports on the pump. Inflation tubes should be at the front of the cushion.
- 4 Refer to the pump user manual for comfort control settings.
- 5 Connect the seat pump to the power supply and switch on the pump. At this stage, both mains power and low pressure indicators will illuminate.
- 6 When the low pressure indicator has turned off, the patient may be placed on the support surface.

TROUBLE SHOOTING

FAULT	CHECK	STAGE 2 CHECK	IF PROBLEM PERSISTS
<p>Pump shows no indication that it is powered up</p>	<ol style="list-style-type: none"> 1. Mains plug is plugged in and power switched on. 2. The power switch on the pump is switched on. 3. The fuse in the mains plug is not blown. 4. The wall socket that the pump is connected to is working correctly 	<ol style="list-style-type: none"> 1. Connect the pump to the nearest (working) mains outlet. 2. Replace the Fuses with the correct 3A fuses. 3. Try a different device in the mains outlet 	<p>Contact Harvest Healthcare technical support.</p> <p>Before calling:</p> <p>Please ensure you have the serial number and model of equipment.</p> <p>Please record details of the results of the recommended tests. (Notes pages are provided at the back of this user manual).</p>

T +44 (0)1709 377172 F +44 (0)1709 377173

FAULT	CHECK	STAGE 2 CHECK	IF PROBLEM PERSISTS
<p>The Pump appears to be running but the mattress is not inflating correctly and or the low pressure light is illuminated.</p>	<p>PLEASE NOTE Inflation can take up to 30 minutes.</p> <ol style="list-style-type: none"> 1. The hoses are routed correctly (not kinked) and connected to the pump correctly. 2. There are no leaks in the cushion 	<ol style="list-style-type: none"> 1. Disconnect and then re-connect the hoses to the outlet on the side of the pump. 2. Replace any damaged or leaking parts with the correct genuine Harvest Healthcare spare parts. 	<p>Contact Harvest Healthcare technical support.</p> <p>Before calling:</p> <p>Please ensure you have the serial number and model of equipment.</p> <p>Please record details of the results of the recommended tests. (Notes pages are provided at the back of this user manual).</p>

TROUBLE SHOOTING

FAULT	CHECK	STAGE 2 CHECK	IF PROBLEM PERSISTS
The system does not appear to be alternating.	<ol style="list-style-type: none"> Carefully mark one of the inflated cells with a pen. Ensure that there are no kinks in the pipework down the side of the mattress 	<ol style="list-style-type: none"> Monitor the cell for 7 minutes to see if it deflates. Straighten out any kinked pipes. 	<p>Contact Harvest Healthcare technical support.</p> <p>Before calling:</p> <p>Please ensure you have the serial number and model of equipment.</p> <p>Please record details of the results of the recommended tests. (Notes pages are provided at the back of this user manual).</p>
The pump is vibrating or making excessive noise.	The pump is fitted to the bed correctly	Reposition the pump unit.	

T +44 (0)1709 377172 F +44 (0)1709 377173

GUARANTEES & WARRANTIES

ACTIVE SEAT SYSTEM

All Harvest Healthcare Ltd cushions are covered by warranty for a period of 12 months from date of purchase. Damage through incorrect use and penetration by sharp instruments will invalidate this warranty.

GUARANTEE

Harvest Healthcare Ltd guarantees to repair or replace all goods supplied to its customers which are found to be defective whilst still in their applicable warranty period. All warranties are subject to the following conditions:

- a** Warranty / guarantee is subject to all guidelines being adhered to.
- b** That the equipment has been used for the purpose for which it was intended.
- c** That the usage has been on a fair wear and tear basis. This does not include user damage.
- d** That Harvest Healthcare Ltd's cleaning/ disinfecting guidelines have been followed.
- e** Harvest Healthcare Ltd's maintenance guidelines have been followed (Please refer to the product manual).
- f** That ALL maintenance has been carried out by a suitably qualified and competent person.
- g** That all parts used are OEM (Original Equipment Manufacturer) parts and were supplied by Harvest Healthcare Ltd either directly or through a distributor.
- h** All warranties begin from the time the product leaves the premises of Harvest Healthcare Ltd.
- i** All repairs and replacements will be at the sole discretion of Harvest Healthcare Ltd.

Our standard terms and conditions of sale can be found on our website or by request to Harvest Healthcare Ltd



harvesthealthcare®

Sheaf House, Bradmarsh Way,
Bradmarsh Business Park,
Rotherham, S60 1BW

T +44 (0)1709 377 172

F +44 (0)1709 377 173

E sales@harvesthealthcare.co.uk

www.harvesthealthcare.co.uk

Serial No:

DOCUMENT REFERENCE: Active Seat System - April 2017

© Copyright Harvest Healthcare
Harvest Healthcare Limited. Company No: 07210261
Our Full Terms & Conditions are available by request or can be found on our Website.
Harvest Healthcare reserves the right to alter or amend this document without notice.

T +44 (0)1709 377172 **F** +44 (0)1709 377173