



General User/Safety Guide

# HARVEST STATIC MATTRESS RANGE

STATIC MATTRESSES



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# WARNINGS & CAUTIONS



**READ THIS INSTRUCTION MANUAL CAREFULLY. PLEASE NOTE IN PARTICULAR THAT THE SAFETY INSTRUCTIONS MUST BE OBSERVED.**



## WARNING

- Please ensure that this booklet is read prior to first use.
- Please refer to the information in this booklet as a guideline only.
- Harvest Healthcare Ltd recommend that prior to using the product, a full risk assessment must be completed by a qualified professional, in order to determine that the correct mattress is suitable for each individual.
- Do not allow sharp objects to penetrate the cover material. If the cover is damaged do not use the mattress.
- Do not use this mattress for/whilst lifting the patient. This will damage the mattress and could put the patient at risk.
- Ensure that the mattress is used the correct way up.
- Do not expose the mattress to open flames. We advise the user not to smoke when using the mattress.
- Facial contact with the cover may cause suffocation.
- Mattresses should be checked regularly to ensure they remain 'fit for purpose', clinically effective and pose no risk of infection to either the patient or the carer.
- Harvest Healthcare Ltd recommend that a thorough inspection of both the interior (foam core) and exterior (cover) of the mattress is carried out weekly, or each time a new patient is placed on the mattress.
- Visual checks should be carried out daily to identify any significant signs of damage or infection risk.
- If any signs of contamination are identified on the cover, the mattress should be withdrawn from use immediately and the cover replaced.
- If the foam and/or the cover are showing signs of contamination or excessive wear the mattress should be removed from use immediately and the entire mattress replaced.
- This system is intended for use as part of a pressure ulcer prevention program; do not rely solely on this device to achieve the result. The medical professional is responsible for applying best medical judgment when using this system.
- Select the correct mattress for the occupant's weight and therapy required.
- Only use the correct size of mattress for the bed frame, ensure it complies with siderail regulations if side rails are fitted.
- Protect your mattress from open flames.
- Do not place this mattress on or near a heat source.
- Harvest Healthcare advise against smoking whilst the system is in use, to prevent the accidental ignition of associated items which may be flammable, such as bed linen.
- Do not use with hot water bottles or electric blankets.
- Do not allow sharp objects to puncture the mattress material.
- The mattress and should be cleaned between patient uses.
- Do not use bleach, chlorine releasing agents in concentrations over 1000 ppm, solvents or alcohol-based cleansers, e.g. Phenicol, Hibiscrub, Clearsol, Stericol, Hycoline as these will destroy the mattress material.
- Suitable for continuous use.
- Do not modify the mattress in any way.
- Not for use in an outdoor environment.
- Store the mattress in a clean and dry environment, out of direct sunlight.
- Do not use this mattress for lifting the patient. This will damage the mattress and could put the patient at risk.
- The mattress has been tested to BS7177. Use of this type of mattress should be subject to a risk assessment in which all hazards are considered.

# GENERAL INFORMATION

## INSTRUCTIONS FOR USE

Check whether the mattress is a replacement or an overlay.

- If it is a replacement mattress it should be placed directly on to the bed frame
- If it is a mattress overlay it should be placed on top of the existing mattress.

Check that the safe working load of the mattress is suitable for the intended user.

**Do not exceed the max patient weight of the mattress (see page 8).**

Ensure that the Risk Factor is suitable for the intended user. To help prevent pressure damage it is important that patients reposition themselves, or are repositioned regularly.

Mattresses are delivered in plastic covers for protection; these covers must be removed before use. Protective plastic covers must be disposed of in a safe and environmentally friendly way. With the exception of bed sheets avoid using any additional covers/padding between the patient and the support surface, as this may affect its pressure reducing qualities.

## INTENDED PURPOSE

Harvest Healthcare static mattresses are designed for patients at risk of pressure injury, or who have already developed pressure injuries. The foam surface redistributes pressure, aiming to reduce capillary closure in high risk areas such as the heels and sacrum. The mattress range overview (see page 8) supports identifying the most appropriate Harvest Healthcare static mattress for an individual patient, giving ranges for patient risk levels and maximum patient weights. These are provided as a guide to support appropriate mattress choice, but all individuals should be risk assessed by a trained professional as individual circumstances may alter mattress choices.

Never use a mattress with a lower risk category than that assigned to the service user by a trained professional.

Never exceed the maximum patient weight for a mattress.

Misuse of the mattress could lead to the development of pressure injury.

## INTENDED USER / CARER

### 1 DEFINITION OF INTENDED USERS /CARERS

#### OPERATOR

An operator is any natural or legal person who uses the mattress or on whose instruction it is used (e.g. nursing homes, specialised retailers, health insurance companies, medical suppliers).

#### USER / CARE PERSONNEL

Users are persons who as a result of their vocational training, experience or briefing are authorised to use the mattress.

Furthermore, the user/ care personnel can recognise and avoid potential dangers and assess the clinical condition of the service user.

#### PATIENT / OCCUPANT / SERVICE USER

The person in need of care, handicapped or infirm who is at risk of a pressure ulcer.

# GENERAL INFORMATION

## QUALIFIED PERSONNEL

Qualified personnel are employees of the operator who as a result of their vocational training or briefing are entitled to deliver, assemble, disassemble and transport the product.

## 2 NON-COMPLIANT USE

All uses deviating from the intended purpose, which may also be hazardous as a result. This includes for example:

- Operation by persons who have not been instructed in its use.
- Using the mattress with non-approved parts/accessories.
- Using the mattress if any of the components are damaged or faulty.

## 3 SAFE USE

The length, width and height of the mattress should be checked to ensure that these dimensions are within the limits specified by the bed manufacturer and do not introduce gaps that could increase the risk of entrapment.

Before and during use of mattress overlays with bed rails, consider the reduction in the effective height of the bed rail relative to the top of the mattress may allow the occupant to roll over the top of it; extra height bed rails may be required. The hazard of entrapment in the vertical gap between the side of the mattress and the bed rail may be exacerbated due to the soft, easily compressible nature of the overlay and/or mattress edge. If the standard mattress is replaced with a lightweight foam mattress, third party bed rail assemblies (including the mattress and bed occupant) can tip off the bed when the bed occupant rolls against the bed rail. This is because many third-party bed rails rely on the weight of a standard mattress to hold the assembly in place.

If the mattress is on a bed which is profiled it may not be a suitable surface for CPR. In this case, put the service user on the floor to perform CPR.

### 3.1 PERFORMANCE CHARACTERISTICS/ MATTRESS INSPECTION RECOMMENDATIONS

Mattresses should be checked regularly to ensure they remain 'fit for purpose', clinically effective and pose no risk of infection to either the patient or the carer.

Harvest Healthcare Ltd recommend that a thorough inspection of both the interior (foamcore) and exterior (cover) of the mattress is carried out weekly, or each time a new patient is placed on the mattress. Visual checks should be carried out daily to identify any significant signs of damage or infection risk.

If any signs of contamination are identified on the cover, the mattress should be withdrawn from use immediately and the cover replaced. If the foam and/or the cover are showing signs of contamination or excessive wear the mattress should be removed from use immediately and the entire mattress replaced. Signs of excessive wear may include, but are not restricted to, thinning, discolouration, tearing, fraying, misshaping and fluid ingress.

# GENERAL INFORMATION



**Facial contact with any covering material can cause suffocation and a Risk Assessment should be done prior to the use of this product.**

## **3.2 MATTRESS CLEANING AND CARE**

Mattresses are fully encased in a protective waterproof, multi-stretch PU cover to prevent fluid ingress from damaging the foam core. The mattress cover should be cleaned regularly in accordance with your organisation's disinfection protocol.

**For full cleaning procedures for our mattresses see page 10.**

## **3.3 MOVING, HANDLING AND STORAGE**

Where possible, mattresses should be stacked flat and transported on a bed base. Mattresses should be handled by two people, one at either end of the mattress. Store mattresses in a temperate, dry environment. Do not expose to high humidity or heat.

**Do not drag or pull mattresses by the cover.**

## **3.4 WARRANTY**

### **Foam Inner**

All Harvest Healthcare static foam mattresses are covered by warranty for a period of 3 years. Damage through incorrect use will invalidate this warranty.

### **Mattress Cover**

All Harvest Healthcare mattress covers are covered by warranty for a period of 12 months. Damage through incorrect use and penetration by sharp instruments will invalidate this warranty.

## **3.5 GUARANTEE**

Harvest Healthcare Ltd guarantees to repair or replace all goods issued to its customers which are found to be defective whilst still under their applicable warranty period. All warranties are subject to our standard terms and conditions of sale which can be found on our website or by request to Harvest Healthcare Ltd.

# SYMBOLS USED



WASH at  
80°C



TUMBLE DRY  
ON LOW



DO NOT  
DRY CLEAN



DO NOT  
BLEACH



Do Not Iron



Max. Patient  
Weight



Do not use  
Sharp Items



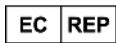
Do Not Use  
Phenols



No  
Smoking



Manufacturer



EU Representative



LOT Number



Medical Device



Date of  
Manufacture &  
Country of Origin



Product  
Number



Unique Device  
Identification



Instruction for  
Use



CE Mark



UKCA Mark



This symbol indicates general hazards. There is a danger to life and health.

# OVERVIEW

## MATTRESS RANGE OVERVIEW/PERFORMANCE CHARACTERISTICS

	WIDTH (MM)	LENGTH (MM)	THICKNESS (MM)	MAX PATIENT WEIGHT (KG)	RISK LEVEL
<b>COMMUNITY MATTRESS</b>	900/1050/ 1200	2000/ 1900	125	159	Medium
<b>COMMUNITY PLUS MATTRESS</b>	900/1200/ 1400	2000/ 1900	150	190	High
<b>FIRE-TECH 7 COMFORT</b>	900/ 1200	2000/ 1900	150	190	High
<b>FIRE-TECH 7 VANDAL PROOF</b>	900/1200/ 1400	2000/ 1900	150	190	High
<b>PRIME COMFORT</b>	900/1200 1400	2000/ 1900	150	177	High
<b>PRIME COMFORT PLUS</b>	900/1050/ 1200/1370	2000	140	247	High
<b>REFLECT 2</b>	900/1200/ 1370	2000	165	247	High
<b>REFLECT 2 PLUS SIZED &gt; 45</b>	1200/ 1400	2000	180	285	High
<b>REFLECT 2 PLUS SIZED &gt; 60</b>	1200/ 1400	2000	180	381	High
<b>KINETIC AIR</b>	900	2000	150	247	High
<b>MODULAR REPLACEMENT</b>	900	2000	160	127	Medium
<b>MODULAR REPLACEMENT PLUS SIZED</b>	1200	2000	160	190	Medium
<b>VISCO MULTIZONE</b>	900	2000	150	177	Very High



# TECHNICAL SPECIFICATION

## MATTRESS RANGE TECHNICAL SPECIFICATION

	FIRE TESTING	COVER MATERIAL	FOAM TYPE	PRODUCT WEIGHT (KG)	PRODUCT CODE
<b>COMMUNITY MATTRESS</b>	BS 7177 Crib 5	PU	High Density CME	8	HSMCOM HSMCOM.CAS HSMCOM.CAS2 HSMCOM.DV HSMCOM.DV.VP HSMCOM.1050 HSMCOM.12
<b>COMMUNITY PLUS MATTRESS</b>	BS 7177 Crib 5	PU	High Density CME	11	HSMCOMP HSMCOMP.CAS HSMCOMP.DV HSMCOMP.VP HSMCOMP.12 HSMCOMP.CAS2.14
<b>CFIRE-TECH 7 COMFORT</b>	BS 7177 Crib 7	PU - Welded/ Zipped	High Density CME	13	HSMFIRET.CFT.W HSMFIRET.CFT HSMFIRET.CFT.12
<b>FIRE-TECH 7 VANDAL PROOF</b>	BS 7177 Crib 7	PVC- Welded/Fully Sealed	High Density CME	13	HSMFIRET.VP
<b>PRIME COMFORT</b>	BS 7177 Crib 5	PU - Welded	High Density Castellated CME	12	HSMPRIM HSMPRIM.DV HSMPRIM.DV.12 HSMPRIM.14
<b>PRIME COMFORT PLUS</b>	BS 7177 Crib 5	PU - Welded	High Density CME U-Core Castellated CME	15	HSMPRIMP HSMPRIMP.1050 HSMPRIMP.12 HSMPRIMP.1370
<b>REFLECT 2</b>	BS 7177 Crib 5	PU - Welded	High Density Castellated VE/CME	12	HFR147 HFR147.75 HFR147.12 HFR147.12.75 HFR147.1370 HFR147D.75
<b>REFLECT 2 PLUS SIZED &gt; 45</b>	BS 7177 Crib 5	PU - Welded	High Density Castellated VE/RF/CME	18	HFR227 HFR227.14

# TECHNICAL SPECIFICATION

## MATTRESS RANGE TECHNICAL SPECIFICATION

	FIRE TESTING	COVER MATERIAL	FOAM TYPE	PRODUCT WEIGHT (KG)	PRODUCT CODE
<b>REFLECT 2 PLUS SIZED &gt; 60</b>	BS 7177 Crib 5	PU - Welded	High Density Castellated VE/RF/CME	18	HFR227.60 HFR.1400.60
<b>KINETIC AIR</b>	BS 7177 Crib 5	PU - Welded/ Zipped	High Density Castellated CME	16	HK100
<b>MODULAR REPLACEMENT PLUS SIZED</b>	BS 7177 Crib 5	PU	Castellated CME	22	HFR105.120
<b>VISCO MULTIZONE REPLACEMENT</b>	BS 7177 Crib 5	PU - Welded/ Zipped	High Density CME U-Core Castellated VE	11	HSMVMZ

**CME:** (Combustion Modified Ether)

**VE:** (Viscoelastic)

**RF:** (Reconstituted Foam)

# CLEANING & CARE



## WARNING

Eye protection, gloves and protective clothing should be worn when carrying out cleaning and disinfection procedures.

When disinfecting the system, Harvest Healthcare recommends the following guidelines which have been developed to comply with recognised infection control procedures. These procedures are also to be used to prevent cross infection when transferring the system between patients.

## GENERAL CLEANING

Wipe down with a clean cloth moistened with a mild detergent and dilute with warm water. Rinse by wiping with a cloth with clean water to remove detergent residue. Ensure it is dry before use.

## DECONTAMINATION - COVERS

Wipe up any fluid or debris before wiping down with clean cold water. Wipe using a 0.1% Chlorine solution (1,000ppm) in cold water.

In case of blood or other bodily fluids, it is recommended to use a 1% Chlorine solution (10,000ppm). Rinse by wiping with cold clean water and a clean cloth. Ensure it is dry before use.

Alternatively, disinfection may be achieved by laundering at temperatures not exceeding 85°C for 10 minutes. Covers can be tumbled dried at low heat.

Frequent or prolonged exposure to high concentrations of disinfectant solutions will reduce the useful life of the mattress cover, always ensure it is thoroughly wiped with clean water and dried before use.



Do not use abrasive cleaners, phenol disinfectants, solvents or alcohol-based cleansers, e.g. Dettol, Phenicol, Hibiscrub, Clearsol, Stericol, Hycoline, as these will damage the cover materials.



Do not iron.



Ensure that the mattress is thoroughly dried before remaking the bed or placing in storage.



**HYPERCARBONATE AND PHENOL-BASED SOLUTIONS SHOULD NOT BE USED AS THESE WILL DAMAGE THE MATTRESS COVER**

## DISPOSAL

If contaminated, please dispose of as clinical waste.

If not contaminated dispose of as household waste at your local approved facility.

## Note:

Please report any serious incident related to this device to Harvest Healthcare.

Full contact details can be found at the end of this document.

# ALSO AVAILABLE...

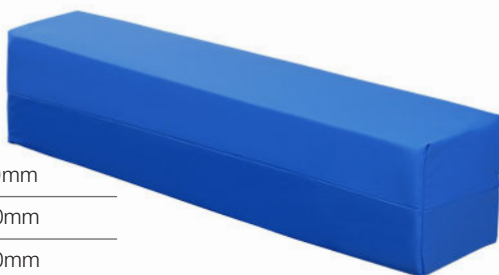
## STATIC MATTRESS LENGTH EXTENSIONS

The Static Mattress Length Extensions have been designed for use with our Static Mattress range.

Ideal for use with existing mattresses, the piece will add a further 150mm or 200mm\* and close any gaps between the mattress and bed frame.

Once in place, the kit continues to provide pressure relief around the heels and zonal areas.

\*Used in conjunction with the bed extensions.



PRODUCT CODE	SIZE	
HFIM1515	900mm x 150mm x 150mm	
HFIM2013	900mm x 200mm x 130mm	
HFIM2016	900mm x 200mm x 160mm	
HFIM2020	900mm x 200mm x 200mm	
HFIM2016.12	1200mm x 200mm x 160mm	
HFIM2016.14	1400mm x 200mm x 160mm	
HFIM2016S	900mm x 200mm x 160mm	Fits to the bed with a Hook and Loop strap
HFIM2016.12S	1200mm x 200mm x 160mm	Fits to the bed with a Hook and Loop strap

Serial No:

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**Harvest Healthcare Limited.** Company No: 07210261  
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](mailto:sales@harvesthealthcare.co.uk) [www.harvesthealthcare.co.uk](http://www.harvesthealthcare.co.uk)

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**EC** **REP**

European Healthcare & Device Solutions (Ireland) Ltd.,  
Stratton House, Bishopstown Road, Cork T12 Y9TC, Ireland.