This manual must be given to the user of the product. Before using the product, read this manual and save it for future reference!
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Every effort has been made to ensure that the contents of this publication are fully up-to-date at the time of going to print. As part of its ongoing improvement of products, Invacare Ltd reserves the right to modify existing models at any time. Invacare® customers will be notified of any such modifications. Any use of this publication, or of parts thereof, as well as any reproduction of images, must have the written consent of Invacare Ltd.

Softform® is a registered trademark of Invacare Ltd.
1 General

1.1 General information

Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan.*

Education, clinical judgement and action based planning based on vulnerability are fundamental factors in prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

This user manual contains important information about the handling of the product. In order to ensure safety when using the product, read the user manual carefully and follow the safety instructions.

For further information contact Invacare® in your country (addresses see back page of this manual).

To access valuable information and useful links for Pressure Area Care training and education, refer to www.thinkpressurecare.co.uk.


1.2 Symbols in this user manual

In this User Manual warnings are indicated by symbols. The warning symbols are accompanied by a heading that indicates the severity of the danger.

WARNING

Indicates a hazardous situation that could result in serious injury or death if it is not avoided.

CAUTION

Indicates a hazardous situation that could result in minor or slight injury if it is not avoided.

IMPORTANT

Indicates a hazardous situation that could result in damage to property if it is not avoided.

Gives useful tips, recommendations and information for efficient, trouble-free use.

This product complies with Directive 93/42/EEC concerning medical devices. The launch date of this product is stated in the CE declaration of conformity.

Manufacturer

1.3 Warranty

We provide a manufacturer’s warranty for the product in accordance with our General Terms and Conditions of Business in the respective countries. Guarantee claims can only be made through the provider from whom the appliance was obtained.

Standard Invacare Terms

This is to certify that your Softform® Premier Active 2 Mattress is warranted by Invacare Ltd for a period stated in the Table “Technical Data“ of this user guide.

This is subject to the individual country’s Sales Agreements. Please contact your local Invacare Sales Office for further information.

The Warranty of your Invacare Softform® product is valid from time of shipping.

If a defect or fault is discovered please contact and notify the provider from whom the appliance was obtained immediately.

The manufacturer will not accept responsibility for damage caused by misuse or non-observance of the instructions set out in this user guide.

During the period of the warranty any products that have become defective due to faulty workmanship or materials will be renewed without charge.

The warranty will be forfeited should any unauthorized alteration be made to the equipment.

Both warranty and fire retardancy Certification will become null and void if non-Invacare spares are used on any Invacare® Softform® Mattress products.

The purchaser’s statutory rights under the Consumer Protection Act are not affected.
Quality and Flame Retardancy

Quality is fundamental to the company’s operation, working within the disciplines of ISO 9001 and ISO 13485.

The Invacare® Softform® Premier Active 2 Mattress features the CE mark, in compliance with the Medical Device Directive 93/42/EEC, Class 1.

Invacare is continuously working towards ensuring that the company’s impact on the environment, locally and globally, is reduced to a minimum. It is Invacare’s goal to:

- Comply with the current environmental legislation (e.g. WEEE and RoHS directives)
- Ensure that we, at the widest possible range, use REACH compliant materials and components.

The foam and covers used to manufacture the Invacare® Softform® range of mattresses are independently tested and certified in accordance with EN 597-1 and EN 597-2 and BS 7177 Crib 5.

The control unit is tested to EC Directive 89/336/EEC and EN 55022. Manufactured to comply with EN 60601-1.

For further information please contact Invacare in your country (addresses see back page of this manual).

1.4 Intended use

This pressure redistribution mattress and control unit are intended to be used in conjunction with an appropriately sized bed frame, as part of an overall pressure ulcer prevention program of care.

It can be used safely in static mode (deflated) for static pressure redistribution, or in dynamic mode (inflated) should an alternating pressure support surface be required.

This product has been designed to deliver effective pressure reduction to users, when the product is in normal use which is defined by Invacare Ltd as when the support surface is covered with a cotton, cotton combination or linen bed sheet, and any one of these would be the only item deployed between the support surface and the user.

1.5 Service Life

We estimate a life expectancy of five years for these products, provided they are used in strict accordance with the intended use as set out in this document and all maintenance and service requirements are met. The estimated life expectancy can be exceeded if the product is carefully used and properly maintained, and provided technical and scientific advances do not result in technical limitations. The life expectancy can also be considerably reduced by extreme or incorrect usage.

The fact that we estimate a life expectancy for these products does not constitute an additional warranty.

2 Safety

2.1 Safety information

**WARNING**

- Do not use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as user manuals, service manuals or instruction sheets supplied with this product or optional equipment. Invacare product manuals are available at www.invacare.co.uk. If you are unable to understand the warnings, cautions or instructions, please contact a healthcare professional, dealer or technical personnel before attempting to use this equipment – otherwise, injury or damage may occur.

**WARNING**

Invacare products are specifically designed and manufactured for use in conjunction with Invacare accessories. Accessories designed by other manufacturers have not been tested by Invacare and are not recommended for use with Invacare products.

The introduction of certain third party products between the mattress surface and the user may reduce or impede the clinical effectiveness of this product.

‘Third party products’ may include, but are not limited to items including under blankets, plastic sheets and sheepskins, etc. Heated over blankets must only be used in consultation with a suitably qualified healthcare professional, as an increase in temperature can increase the risk of developing pressure ulcers.
WARNING Risk of developing pressure ulcers

Bed sheets must be loosely fitted, with creases smoothed out. Care must always be taken to ensure that the support surface in contact with the user is kept free from crumbs and other food debris, and that drip cables, stents, and other foreign objects do not become entrapped between the user and the pressure reducing surface of the mattress, as this may result in the development of pressure ulcers.

WARNING Risk of fire or explosion!

A cigarette can burn a hole in the bed surface and cause damage to the mattress. Also, patient clothing, bed sheets, etc, may be combustible and cause a fire. Failure to observe this warning can result in a severe fire, property damage and cause physical injury or death.

There is an explosion risk if used with flammable anesthetics.

There is a possible fire hazard when used with oxygen administering equipment other than nasal mask or half bed tent type.

Do not smoke while using this device.

An oxygen tent may not extend below mattress support level.

IMPORTANT

The information contained in this document is subject to change without notice.

Check all parts for shipping damage and test before using.

In case of damage, do not use.

Contact Invacare®/Carrier for further instructions.

2.2 EMC information

There is no know risk of adverse effects on the Active 2 control unit caused by other electromagnetic devices, present at the time of treatment. Similarly there is no know risk of the Active 2 control unit causing adverse effects on other electromagnetic devices.

2.3 Symbols on the product

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not pierce or cut</td>
<td>Line dry</td>
</tr>
<tr>
<td>Do not dry clean</td>
<td>Type BF applied part</td>
</tr>
<tr>
<td>Do not put near flame</td>
<td>Recommended 80 °C</td>
</tr>
<tr>
<td>247.6 kg</td>
<td>User weight limit*</td>
</tr>
<tr>
<td>Do not iron</td>
<td></td>
</tr>
<tr>
<td>Do not bleach</td>
<td>Tumble dry low heat</td>
</tr>
<tr>
<td>Refer to user manual</td>
<td>Class II medical equipment</td>
</tr>
<tr>
<td>CE conform</td>
<td>Date of manufacture</td>
</tr>
<tr>
<td>WEEE conform</td>
<td>Keep dry</td>
</tr>
</tbody>
</table>

* Minimum / Maximum user weight as per section 10 Technical Data, page 17.
3 Description

3.1 Product description

The Softform® Premier Active 2 mattress system acts as a static pressure reducing support/mattress for patients at high risk that can, by facilitating the air pump, introduce effective alternating pressure if the patients condition requires alternating pressure therapy.

The water-resistant cover provides a vapour-permeable, multi stretch surface, to promote patient comfort and to maximise the effectiveness of the foam core.

3.2 Components

The complete system comprises of:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong></td>
<td>U-shape, non-castellated base layer</td>
</tr>
<tr>
<td><strong>B</strong></td>
<td>Alternating air cell insert</td>
</tr>
<tr>
<td><strong>C</strong></td>
<td>Castellated insert</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>Micro-processor controlled control unit</td>
</tr>
<tr>
<td><strong>E</strong></td>
<td>Twin air connector hose</td>
</tr>
<tr>
<td><strong>F</strong></td>
<td>Multi-stretch vapour-permeable cover</td>
</tr>
<tr>
<td><strong>G</strong></td>
<td>Toughed PU coated base</td>
</tr>
<tr>
<td><strong>H</strong></td>
<td>User Manual</td>
</tr>
</tbody>
</table>

4 Setup and installation

4.1 Safety information

**WARNING** Electrical shock hazard!
- Do not remove control unit cover.
- Refer to qualified service personnel.
- Before performing any maintenance to the control unit, disconnect the power lead from the wall outlet.
- Do not insert items into any openings of the control unit. Doing so may cause fire or electric shock by shorting the internal components.
- The control unit must be kept away from all heat sources and radiators during operation.
- Connect the equipment to properly grounded two or three prong wall outlet using the 5 meter power lead provided with the product.

**WARNING**
- Do not modify this equipment without authorization of the manufacturer.
- If this equipment is modified, appropriate inspection and testing must be conducted to ensure continued safe use of the equipment.
**WARNING**  Risk of entrapment!

Patient entrapment with the bed side rails may cause injury or death. A thorough patient assessment should be completed and monitored and the equipment should be used as specified and maintained to reduce the risk of entrapment. Variations in bed rail dimensions, and mattress thickness, size and density could increase the risk of entrapment.

- Mattress must fit bed frame and side rails to prevent patient entrapment. Follow the bed manufacturer’s instructions.
- After any adjustments, repair or service and before use, make sure all attaching hardware is tightened securely. Rails with dimensions different from the original equipment supplied or specified by the bed manufacturer may not be interchangeable and may result in entrapment or other injury.

**WARNING**

The Softform® Premier Active 2 is recommended to be installed on medical bed frames with bed sides or assist rails. It is preferred that the rails to be in the raised position whenever the patient is on the bed. Healthcare professionals assigned to each case should make the final decision as to whether side assist rails are warranted after assessing patient risk of entrapment.

Controls on the footboard may be obstructed by the control unit on a few bed frames. It may be necessary to relocate the control unit.

- Before placing the patient on the bed, check that air hoses and power cord are clear of moving bed components.
- Operate all bed frame motorized functions through their full range of motion to be certain that there is no pulling, interference or pinching.

### 4.2 Installing the system

1. Place the pump unit at the end of the bed using the built in pump hooks. Placing the pump on the floor will not affect the performance, but may expose it to accidental damage.

2. Detach the Softform® Premier Active 2 twin hose from the end of the mattress.

3. Connect it to the control unit. (An automatic click will signify a secure connection).

4. Connect the mains power lead to the control unit and a suitable power supply.

5. Switch on mains power.

6. Switch on control unit switch.

   System will pressurise (see chart 5.3, page 10) shown by a green light and three audible beeps.

   Correct pressure shown by a green light and two audible beeps.

### 4.3 Shut down procedure

1. Refer to section 5.4 page 11 for shutdown procedure.
5 Usage

5.1 Safety information
1. Remove all packaging before use.
2. Place the mattress directly on the frame of the bed.
The mattress is designed for beds with adjustable lying surface.

**WARNING**
It is very important for the patient to reposition themselves, or to be repositioned, on a regular basis. This must be based on the clinical judgement of a qualified healthcare professional. This relieves pressure which helps prevent both tissue compression and potential ulcer formation.

- Always consult a qualified healthcare professional before using the Softform® Premier Active 2.
- Monitor the patient frequently.

**CAUTION**

- Make sure that the printed side of the mattress cover always faces upwards.
- Make sure that the distance between the surface of the mattress and the top of the side rail is at least 220 mm.

**IMPORTANT**

- Strikethrough can occur in mattress covers.
- Medical equipment including infusion pumps and monitors should be attached to appropriate bed accessories.
- For home use common causes of damage include cigarette burns and the claws of pets that puncture covers, allowing fluid ingress and staining.

**IMPORTANT** Risk of damage to the mattress cover
- To prevent accidental cover damage, do not place hypodermic needles, venflons, scalpels or other similarly sharp objects onto the mattress.
- Ensure that all venflons are taped down correctly with no sharp edges exposed.
- When using bridging boards or other patient transfer aids, care should be taken not to damage the mattress cover. All transfer aids should be checked for any sharp edges or burrs before use as these can damage the mattress cover.
- Make sure that the mattresses are not jammed or damaged by sharp edges when used on beds with an adjustable frame.
- When using the Softform® Premier Active 2 on a profiling bed ensure that the knee break is used before the backrest.

5.2 CPR Procedure
The Softform® Premier Active 2 mattress has been fully tested to comply with the current CPR standard of 4 – 5 cm compression depth. This was achieved at all stages of inflation/deflation.

A report on these findings conducted by the Resuscitation Unit at the University Hospital of Wales, Cardiff is available upon request.

1. Hold down Red CPR button.
2. Pull hose connector firmly away from the control unit.
3. Switch off the control unit.

Mattress will start to deflate.

The deflation time is 20 seconds.

4. When CPR is complete reactivate the system following chapter 4.2 Installing the system, page 8.
5.3 Control unit Software Schematic

- English
- Français
- Deutsch
- Español
- Italiano
- Português
- Svenska
- Dansk
- Norsk

- Language Pressure
  - 40 50 60 70 80

- System Setup
  - System OK
    - 60mmHg

- Alarm event
  - Rotor Failure
  - Low Pressure
5.4 Control unit Menu Display

<table>
<thead>
<tr>
<th>Task</th>
<th>Action</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Power up</td>
<td>Push main switch of control unit.</td>
<td>3 Audible beeps&lt;br&gt;LCD (A) illuminates. (see figure above)&lt;br&gt;Green light (E) illuminates. (see figure above)&lt;br&gt;“System set up” displayed on LCD display. After 10 minutes “System OK” displayed on LCD display.</td>
</tr>
<tr>
<td>2. Menu option</td>
<td>Cannot enter menu.</td>
<td>The menu can only be served after the system has gone through full cycle set up and “System OK” is displayed on the LCD display. Wait until set up is complete “System OK”.</td>
</tr>
<tr>
<td>3. Power down</td>
<td>1. Move control unit switch to off position (See figure above).&lt;br&gt;2. Disconnect from power source.</td>
<td>The LCD display and the green LED go out.</td>
</tr>
<tr>
<td>Task</td>
<td>Action</td>
<td>Display</td>
</tr>
<tr>
<td>------</td>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td>3. How to enter menu</td>
<td>Press arrow Up. then Press arrow Down. then Press OK. (3 second time limit between each function).</td>
<td>“System OK” with “1” underneath on LCD display. “System OK” with “2” underneath on LCD display. “Pressure” displayed on LCD display. Pump display will revert back to “System OK” if no selection made within 15 seconds.</td>
</tr>
<tr>
<td>4. Pressure adjustment</td>
<td>Press OK button to select Pressure. Arrow Up to selected pressure. Arrow Down to selected pressure. Press OK button</td>
<td>Default set at 60mmHg. There is a pressure transducer in the pump which limits the pressure. 60 ↑ 70 ↑ 80 60 ↓ 50 ↓ 40 Desired pressure on LCD display is taken over and displayed under “System OK”.</td>
</tr>
<tr>
<td>5. Language adjustment</td>
<td>Press arrow Up. Press arrow Down. Press OK. Press arrow up or down Press OK Navigate to desired language using ↑ or ↓ buttons. Press OK</td>
<td>“System OK” with “1” underneath on LCD display. “System OK” with “2” underneath on LCD display. “Pressure” displayed. “Language” displayed. “Language” selected. Languages (in local language) are displayed individually. “English” is default language. For available languages, see chapter 5.3 Control unit Software Schematic page 10. Selected language on display is taken over for the whole menu display.</td>
</tr>
</tbody>
</table>
6 Transport

6.1 Safety information

! IMPORTANT
- Take care when handling mattresses to ensure no damage to the cover. It is recommended that two people lift/carry mattresses.
- Avoid contact with jewellery, nails, abrasive surfaces etc.
- Do not drag mattresses.
- Avoid contact with wall, door frames, door catches or locks etc.
- Do not transport in roll cages unless completely protected from the sharp edges of the cage.

6.2 Transport Mode

If it is necessary to move the bed or mattress simply.
1. Turn off power supply.
2. Disconnect control unit power lead (if necessary the air hose).
3. When system is ready to reactivate following chapter 4.2 Installing the system, page 8.

Air supply hose should be stored by attaching to the fastener at foot of the mattress.

7 Maintenance

7.1 Inspection

Check mattresses (foam, air insert and cover) for strike-through (this may include fluid ingress, stains, rips or damage) after the release of each patient, after ending of the period of use or on a minimum monthly basis (depending on which occurs first) by a suitably qualified and competent person.

Check mattresses
1. Unzip the cover completely.
2. Check for any staining on the white underside of the cover.
3. Check for any staining on the interior foam.
4. Replace any stained items and dispose of as per local authority procedure.

7.2 Cleaning and Care

! IMPORTANT
All cleaning agents and disinfectants used must be effective, compatible with one another and must protect the materials they are used to clean. For further information on decontamination in Healthcare Environments, please refer to ‘The National Institute for Clinical Excellence’ guidelines on Infection Control www.nice.org.uk/CG002 and your local infection control policy.

Cleaning Handle
1. The exterior of the Handle can be periodically wiped using a cloth dampened with disinfectant.

Cleaning control unit

WARNING Electrical shock hazard!
- Ensure the control unit is disconnected from the mains electricity supply before cleaning.
- Do not spray disinfectant directly on to the control unit, or immerse the control unit in any type of liquid. This could result in a severe electrical hazard as this equipment has no protection against ingress of water.
- This equipment is not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.

1. Wipe all controls, pump casing and hose fittings with a quaternary disinfectant solution.
2. Using a nylon brush, gently clean all crevices as they can harbor microorganisms.
3. Air dry all treated surfaces.

**Cleaning covers**
(Removal of contaminants such as dust and organic matter)
1. Remove all covers for laundering.
2. Launder the covers with the recommended temperature of 80 °C using a diluted detergent solution (Instructions on label).

! **IMPORTANT**
Washing at higher temperatures may cause shrinkage.

**Drying covers**
1. Hang mattress covers from a line or bar and drip dry in a clean indoor environment.
or
2. Tumble dry on a low heat setting.

! **IMPORTANT**
- Tumble dry setting must not exceed 40 °C.
- Do not tumble dry for longer than 10 minutes.
- Dry covers thoroughly before re-fitting to the mattress.

**Disinfecting covers**
(Reducing the number of microorganisms)
Please contact your hygiene specialist in the event of contamination.

! **IMPORTANT**
Ensure that any residual detergent has been removed prior to disinfection.

**Light soilage**
1. Wipe down the cover with a 0.1% Chlorine Solution (1,000 ppm).
2. Rinse the cover with clean water using a single use nonabrasive cloth.
3. Dry the cover thoroughly.

**Heavy soilage**
Where the mattress is badly soiled, we recommend cleaning with a dilute cleaning solution at 80 °C in the washing machine.

- Large spillages of blood should be absorbed and removed with paper towels first, followed by as below.

1. Clean up all spillages of bodily fluids i.e. blood, urine, faeces, sputum, wound exudater and all other bodily secretions as soon as possible using a 1% Chlorine Solution (10,000 ppm).
2. Rinse the cover with clean water using a single use nonabrasive cloth.

! **IMPORTANT**
Polyurethane coated fabrics can absorb liquids for short periods causing a temporary change to the polyurethane characteristics. The mattress cover swells temporarily and is more vulnerable to physical damage for a period after it is completely surface dried, by which time it will revert to its previous state.

3. Dry the cover thoroughly.

! **IMPORTANT**
1% Chlorine Solution used on a regular basis can diminish the life of the cover if not rinsed and dried properly.
- Do not use granules.

! **WARNING**
- Remove contaminated foams from use.
CAUTION
‣ Keep clear of open heat sources.

IMPORTANT
‣ Do not use phenols, alcohols, bleaches, or other abrasive materials.

Replacing covers
1. Unzip the cover and remove it carefully from the foam core.
2. Place new cover onto the foam core.
3. Then close the zipper.

IMPORTANT
‣ Ensure that the corners of the foam core are positioned correctly into the corners of the cover.
‣ Ensure that the profiled side of the foam is facing upwards when placed into its cover.

8  After-Use
8.1 Storage

IMPORTANT
‣ Store mattresses in a dry environment.
‣ Store mattresses within a protective cover.
‣ Store items in a flat state on clean, dry, off-flooring free from sharp edges to avoid any possible damage.
‣ Never store other items on top of a mattress.
‣ Do not store mattresses next to radiators or other heating devices.
‣ Protect mattresses from direct sunlight.

8.2 Re-Use
A cleaning record must be kept as part of cleaning the system.
The product is suitable for repeated use. The number of times it can be used depends on how often and in which way the product is used.
1. Before reuse, clean the product thoroughly, see chapter 7.2 Cleaning and Care, page 13.

8.3 Disposal
The disposal and recycling of used devices and packaging must comply with the applicable legal regulation.
1. Ensure that the mattress is cleaned prior to disposal to avoid any risk of contamination.
## 9 Troubleshooting

There are audio and visual alarms present on the control unit.

<table>
<thead>
<tr>
<th>Problem / Alarm</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mattress not inflating</td>
<td>Mattress CPR hose disconnected.</td>
<td>Connect CPR hose connector, lock it in place.</td>
</tr>
<tr>
<td></td>
<td>CPR hose or tube connectors kinked or split.</td>
<td>Unkink or replace split CPR hose or tube connectors.</td>
</tr>
<tr>
<td></td>
<td>Major leak in air cell.</td>
<td>Replace leaking air cell.</td>
</tr>
<tr>
<td></td>
<td>Has power and fuse is good, control unit does not come on.</td>
<td>Send control unit back to Invacare for repair.</td>
</tr>
<tr>
<td></td>
<td>Not alternating, rotor failure.</td>
<td>Send control unit back to Invacare for repair.</td>
</tr>
<tr>
<td></td>
<td>No air (control unit failure).</td>
<td>Send control unit back to Invacare for repair.</td>
</tr>
<tr>
<td>No power.</td>
<td>Control unit off.</td>
<td>Check power source, turn unit on.</td>
</tr>
<tr>
<td></td>
<td>Power cord disconnected.</td>
<td>Connect power cord and ensure the power source is on.</td>
</tr>
<tr>
<td></td>
<td>No power in the power source.</td>
<td>Check the power source has power and turn it on.</td>
</tr>
<tr>
<td></td>
<td>Power outage.</td>
<td>Wait till the power source has power.</td>
</tr>
<tr>
<td></td>
<td>Fuse blown.</td>
<td>Change fuse. (Consult a trained engineer if you are unsure how to change a fuse).</td>
</tr>
<tr>
<td>Cannot enter menu.</td>
<td>System set up not complete.</td>
<td>Wait until set up is complete and “System OK” displayed.</td>
</tr>
<tr>
<td>Low pressure alarm*</td>
<td>Disconnection of CPR (connection hose).</td>
<td>Connect hose properly.</td>
</tr>
<tr>
<td>“Low Pressure” displayed with audible beeps.</td>
<td>Disconnection of connector tubes to air cells in air insert.</td>
<td>Check individual air cells in insert are correctly connected to connector tubes.</td>
</tr>
</tbody>
</table>

*Low pressure alarm will only function after the system has gone through full cycle set up and “System OK” displayed.

- In the event of an alarm, the audible sound can be muted by pressing the „OK“ button ©.
- The LCD display A and Green light E will flash to indicate the alarm is still evident. (See figure 5.4 Control unit Menu Display, page 11)
- Once muted, the system will automatically go into set up mode, to check the diagnostics of the system.
- If the fault reoccurs after the system has been through set up, the pump alarm will sound again, to notify the user of the fault.

- In case of issues with troubleshooting, please contact Invacare for further assistance (contact details on the back page of this User Manual).
## 10 Technical Data

### 10.1 General Data

<table>
<thead>
<tr>
<th>Product</th>
<th>Warranty 1)</th>
<th>Firetesting</th>
<th>Grade ref &amp; Colour</th>
<th>Nominal density range [kg/m³]</th>
<th>Nominal hardness range [N]</th>
<th>Minimum - Maximum user weight [kg]</th>
<th>Weight of product [kg] 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOFTFORM® PREMIER ACTIVE 2</td>
<td>Cover: 4 years Foam: 8 years Pump: 2 years</td>
<td>EN 597-1, 2 BS 7177: Crib 5</td>
<td>RX 39/120 Pink RX 39/200 Blue</td>
<td>38 – 40 38 – 40</td>
<td>105 – 135 180 – 200</td>
<td>45 – 247.6</td>
<td>14</td>
</tr>
</tbody>
</table>

1) Warranty is against manufacturing defects.
2) Based on the weight of a standard size mattress. This can change if different sizes are ordered.

| Warranty on air cell insert | 2 years |
| Air cell height | 75 mm |

### 10.2 Control unit

| Main Supply | 220 – 240 V~, 50 Hz |
| Rated Input Current | 1 A |
| Supply Fuse | 1 A |
| Noise Level | < 32 dB |
| Classification | Class II Type BF |
| Cycle Time | 10 min, A/B pattern |
| Size | 237 mm x 205 mm x 80 mm |
| Weight | 1.75 kg |
| Air Flow | 4 l/min |
| Operating Pressure | 60 mmHg (8 kPa) |
| Power | 22VA |
| Control unit fuse | T1 AL 250V |

### Operating conditions

| Ambient temperature | 5 – 40 °C |
| Relative humidity | 15 – 93%, non-condensing |
| Atmospheric pressure | 70 – 106 kPa |

### Storage and shipping conditions

| Ambient temperature | -25 – 70 °C |
| Relative humidity | 10 – 100%, non-condensing |
| Atmospheric pressure | 50 – 106 kPa |

### 10.3 Materials

| Foam | Polyurethane Combustion Modified High Resilience Foam |
| Cover | Polyurethane transfer coating on weft knitted fabric |
| Air Cells | Polyurethane coated nylon |
| Glide Membrane | Polyurethane Film |

Control unit and mattress components are Latex-free.
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