INSTRUCTIONS FOR USE

Maxi Air

001-35001-EN Rev 11 • 2023-07

EMPOWERING MOVEMENT

WARNING

To avoid injury, always read this *Instructions for Use* and accompanying documents before using the product.

 It is mandatory to read the *Instructions for Use*.

 Refer to the *Instructions for Use*

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Thank you for purchasing Arjo equipment.

Your Maxi Air™ is a part of a series of quality products designed for patient transfers, especially for hospital and professional healthcare facilities.

Please contact us if you have any questions about the operation or maintenance of your Arjo equipment.

Please read this *Instructions for Use* thoroughly!

Please read this *Instructions for Use* (*IFU*) in its entirety before using your *Maxi Air*. Information in this *IFU* is crucial to the proper operation and maintenance of the equipment. It will help to protect your product, and make sure that the equipment performs to your satisfaction. The information in this *IFU* is important for your safety and must be read and understood to help prevent possible injuries.

Unauthorized modifications on any Arjo equipment can affect its safety. Arjo will not be held responsible for any accidents, incidents or lack of performance that occur as a result of any unauthorized modification to its products.

Service and Support

A service routine must be performed on your *Maxi Air* every year by qualified personnel to ensure the safety and operating procedures of your product. See section, “Care and Preventive Maintenance”.

If you require further information, please contact Arjo for comprehensive support and service programs to maximize the long-term safety, reliability and value of the product.

Contact your local Arjo representative for replacement parts. The telephone numbers appear on the last page of this *IFU*.

Manufacturer Information

This product was manufactured by:

ArjoHuntleigh AB
Hans Michelsensgatan 10
211 20 Malmö
SWEDEN

Definitions Used in this Manual

WARNING:

Means: Failure to understand and follow this instruction may result in injury to yourself and others.

CAUTION:

Means: Failure to follow this instruction may cause damage to the product(s).

NOTE:

Means: Important information regarding correct use of the product.

Means: The name and address of the manufacturer.

Means: Read the Instructions for use

Intended Use

This equipment should only be used for the purpose specified in this *Instructions for Use (IFU)*. Any other use is prohibited.

The *Maxi Air* is intended for lateral transfer or repositioning of hospital and professional healthcare facility patients. The equipment must be used under the supervision of trained caregivers with adequate knowledge of the care environment, its common practices and procedures, and in accordance with the guidelines in this *Instructions for Use* (*IFU*).

The equipment must only be used for the purposes stated above, and removable parts must be mounted according to the recommendations given in this *IFU*.

The System

The *Maxi Air* (air supply and mattress) is an air assisted lateral patient transfer system for use in lateral transfers and repositioning.

Patient Assessment

It is recommended that facilities establish regular assessment routines. Caregivers must assess each patient according to the following criteria prior to use:

- This equipment is intended for patients who are dependent, unable or not required to participate in the transfer activity.
- The equipment is intended for adult patients.
- The patient safe working load (SWL) of the *Maxi Air* mattress is 1200 lb / 544 kg. When using allowed mattresses other than *Maxi Air* mattress, observe SWL specified by the manufacturer of the mattress.
- The weight, girth and body shape of the patient should be assessed in terms of the potential risk for the caregivers who are to perform the patient transfer using this equipment.
- *Maxi Air* is intended for use in hospital and professional healthcare facilities.

If the patient does not meet these criteria, an alternative equipment/system must be used.

Contraindications

This equipment can be unsuitable for patients with thoracic, cervical or lumbar fractures. The equipment can be unsuitable for patients whose body shape is such that they do not comfortably fit between the boundaries of the mattress.

Always make a clinical assessment to make sure that the patient is suitable for the equipment.

Expected Lifetime

The expected lifetime of the *Maxi Air* air supply, is, unless otherwise stated, five (5) years, if subject to preventive maintenance being carried out in accordance with the instructions for “Care and Preventive Maintenance” found in this *IFU*.

The expected lifetime of the *Maxi Air* mattress, is twenty (20) transfers.

WARNING

Do NOT use the equipment for any type of lifting of patients.

WARNING

Do NOT use the equipment if the power cord is damaged. A damaged power cord may cause serious injury to the patient and the caregivers.

WARNING

To avoid explosion or fire, never use the equipment in oxygen rich environment, in presence of heat source or flammable anaesthetic gases.

WARNING

To avoid bodily injuries to the patient, use the *Maxi Air* in an environment where the temperature is below 32 °C (90 °F). Temperatures above 32 °C (90 °F) can cause the *Maxi Air* mattress surface to reach a temperature higher than 44 °C (111 °F).

WARNING

If tilting the surface in any direction away from flat/level (for example Trendelenburg, reverse Trendelenburg and lateral tilt positioning), the Maxi Air mattress and/or the patient might slide involuntarily across the surface where the patient is resting. Additional risk assessment is required to ensure patient safety.

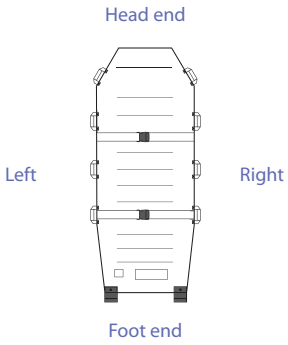
If a serious incident occurs in relation to this medical device, affecting the user, or the patient then the user or patient should report the serious incident to the medical device manufacturer or the distributor. In the European Union, the user should also report the serious incident to the Competent Authority in the member state where they are located.

Preparations

Actions Before First Use

1) Visually inspect the *Maxi Air* system for damage.
2) Check that all parts are supplied. Compare with section Parts Designation in this *IFU*. If any part is missing or damaged - do NOT use the product!
3) Read the *IFU*.
4) Disinfect the *Maxi Air* air supply. See Disinfection Instructions section.
5) Perform a functionality test. See Care and Preventive Maintenance section.
6) Find a good ventilated dry area for storing the *Maxi Air*.
7) Choose a designated area where the *IFU* should be kept, accessible at all times.
8) Make sure to have a rescue plan ready in case of a patient emergency.

Below is the direction of the *Maxi Air* mattress:



Actions Before Every New Patient

1) Select a suitable *Maxi Air* mattress size according to sections “Correct Placement of the Patient” and “Product Specifications”.

Check that all parts of the *Maxi Air* is in place. Compare with the section Parts Designation in this *IFU*.

2) Carry out a thorough inspection for any damage.
3) If any part is missing or damaged - do NOT use the product!
4) Insert the patient name and date on the *Maxi Air* mattress label. See Labels on the *Maxi Air* Mattress section.

WARNING

To prevent cross-contamination:

- Never assign the usage of a mattress to more than one patient.
- Always follow the disinfection instructions in this *Instructions for Use*.

Make sure the *Maxi Air* air supply is disinfected according to Disinfection Instructions section.

Actions Before Every Transfer (with same patient)

1) Check that all parts are in place. Compare with the Parts Designation in this *IFU*.

NOTE

Make sure the air supply is equipped with a High Efficiency Filter kit (700-32105) when operating in an environment that requires it. Open the top lid of the air supply to verify the labeling on the filter, see Fig. 1.

Fig. 1

2) Carry out a thorough inspection for any damage.
3) If any part is missing or damaged - do NOT use the product!

NOTE

If you have any questions, please contact your local Arjo representative for support and service. The contact information (Arjo) is listed on the last page of this *IFU*.

Maxi Air air supply

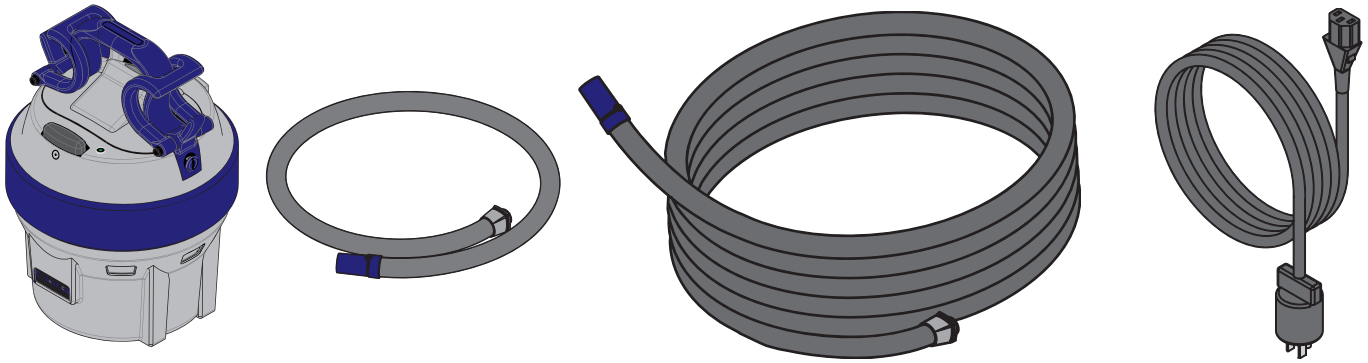
Dimensions: 12,5 x 7 x 7”(317,5 x 178 x 178 mm)

Weight: 11 lb (5 kg)

Material: ABS Plastic

Air Hose Lengths: 78” (1980 mm), 300” (7620 mm) Optional

Power Cord Length: 180” (4570 mm)

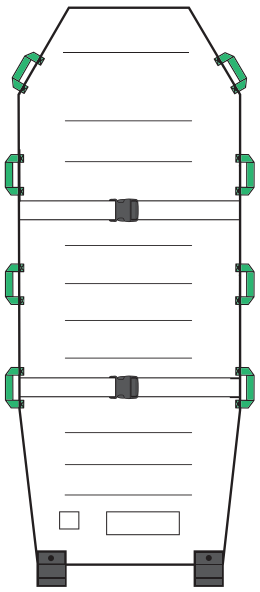


Maxi Air mattress

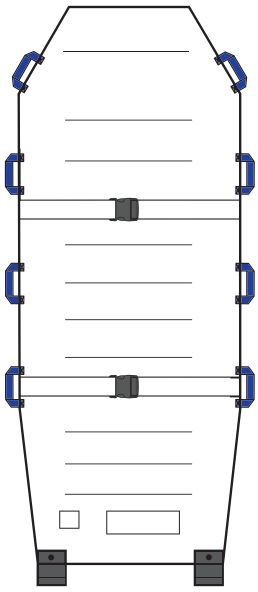
Widths: L 34” (860 mm), XL 39” (990 mm) and XXL 50” (1270 mm)

Length: 78” (1980 mm)

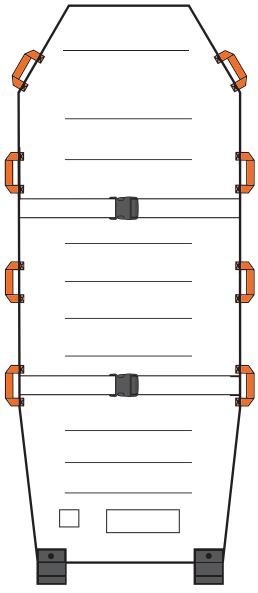
Material: Non-woven top, nylon back



L (Green handles)

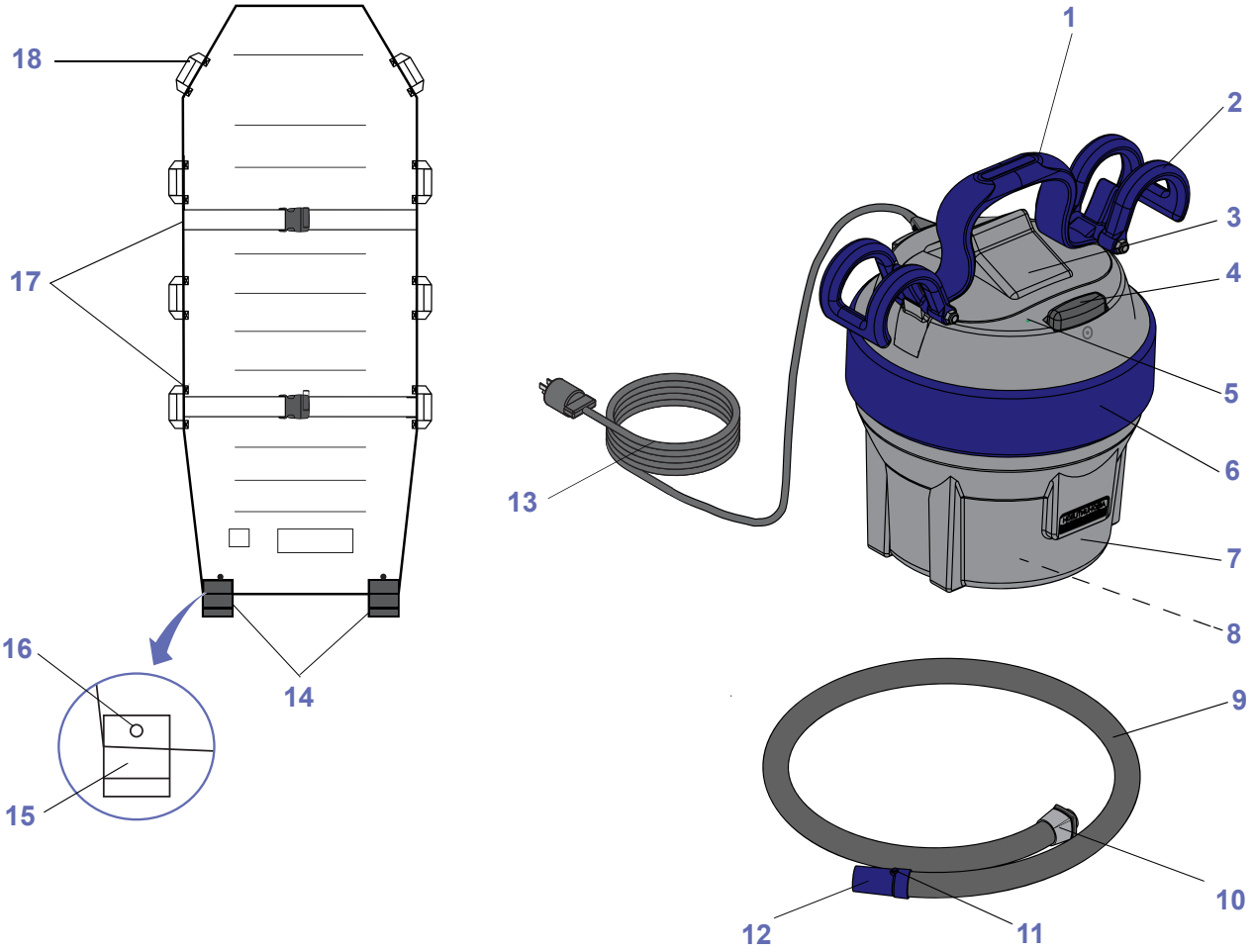


XL (Blue handles)



XXL (Orange handles)

Parts Designation



Maxi Air air supply	*Maxi Air* mattress
1) Carrying handle	14) Connection points
2) Attachment hooks	15) Hook and loop strap
3) Socket inlet	16) Snap lock button
4) Push button (On/Off)	17) Safety belts
5) LED mains power indicator	18) Transfer handles
6) Rubber bumper	
7) Cover	
8) Air filter (inside)	
9) Air hose	
10) Socket	
11) Snap lock button (air hose)	
12) Nozzle	
13) Power cord (Mains disconnection device)	

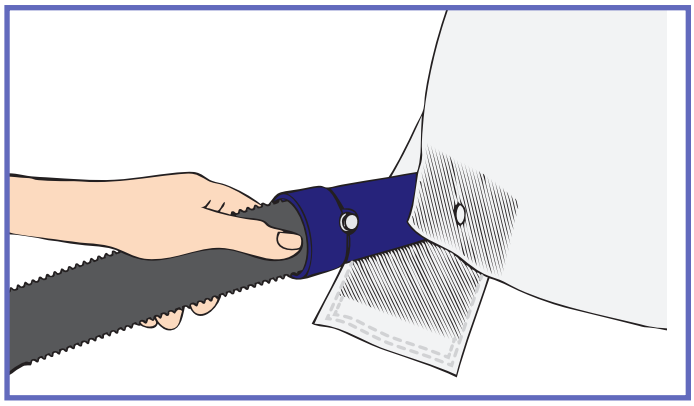


Fig. 2

Maxi Air, connecting the air supply and mattress

1) Connect the air hose from the *Maxi Air* air supply to either the left or right foot end connection point of the *Maxi Air* mattress, see “Fig. 2”.
2) Attach the snap lock button on the *Maxi Air* mattress to the air hose snap lock button, see “Fig. 3”.
3) Use the hook and loop strap to secure the air hose in place, “Fig. 4”.

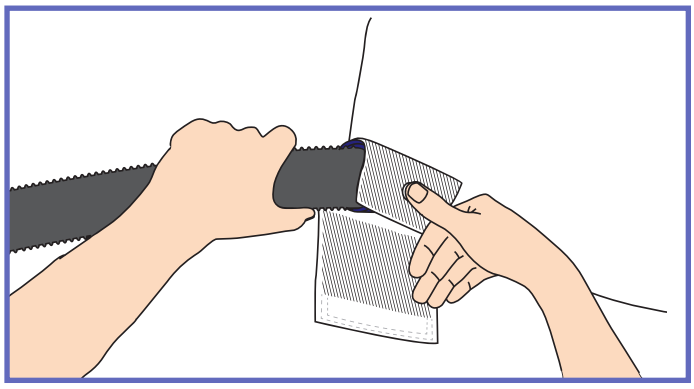


Fig. 3

Operation and controls

1) Plug in the power cord from the *Maxi Air* air supply to an electrical outlet.
2) The LED will light up to indicate that the mains is turned on.
3) To inflate the *Maxi Air* mattress, press the push button on the *Maxi Air* air supply.
4) To deflate the *Maxi Air* mattress, press the push button again.

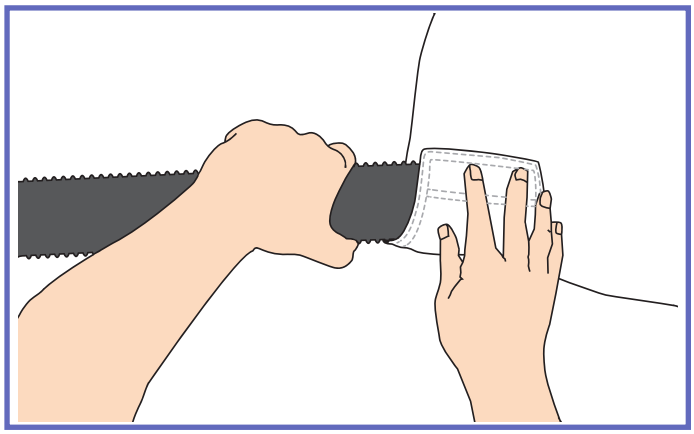


Fig. 4

Mains disconnection device

If for any reason, the *Maxi Air* air supply does not respond to the push button, stop inflating by pulling out the power cord from the electrical outlet. Do not place anything in front of the electrical outlet. Make sure the outlet is easily accessible.

Contact qualified personnel if a malfunction occurs.

Correct Placement of the Patient

WARNING

Always make sure the patient has the correct size of the *Maxi Air* mattress. If the *Maxi Air* mattress is too narrow, the *Maxi Air* mattress can tip over during transfer causing serious injuries to the patient and the caregivers

WARNING

To avoid bodily injuries, make sure the patient is correctly positioned on the *Maxi Air* mattress. If the patient is incorrectly positioned, the *Maxi Air* mattress can tip over during the transfer.

Placement of the patient

- The patient safe working load (SWL) of the *Maxi Air* mattress is 1200 lb / 544 kg. When using allowed mattresses other than *Maxi Air* mattress, observe.
- Make sure the patient's body does NOT reach outside the boundaries of the *Maxi Air* mattress. If the feet extend beyond the foot end, make sure there is enough space for the transfer, see "Fig. 6".
- The patient's head should be placed approximately 6" (150 mm) from the top of the *Maxi Air* mattress. Make sure the patient rests comfortably against the pillow during the transfer, see "Fig. 7".

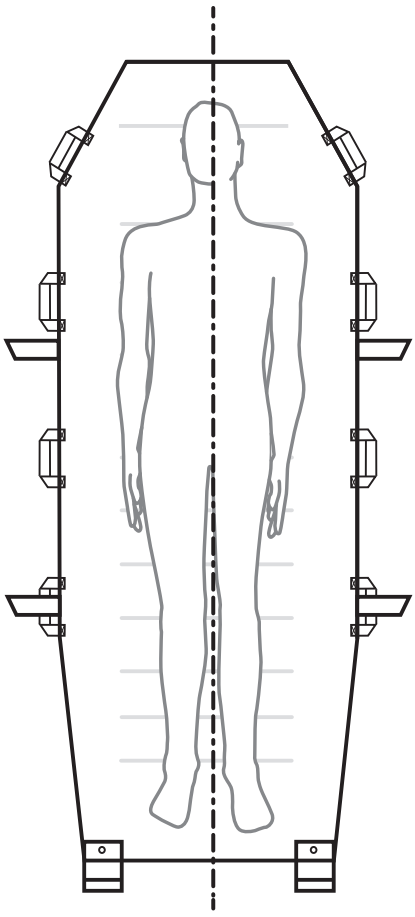


Fig. 5

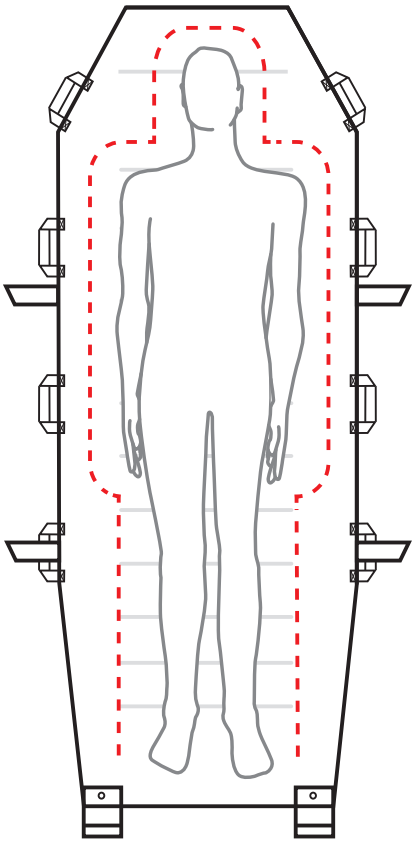


Fig. 6

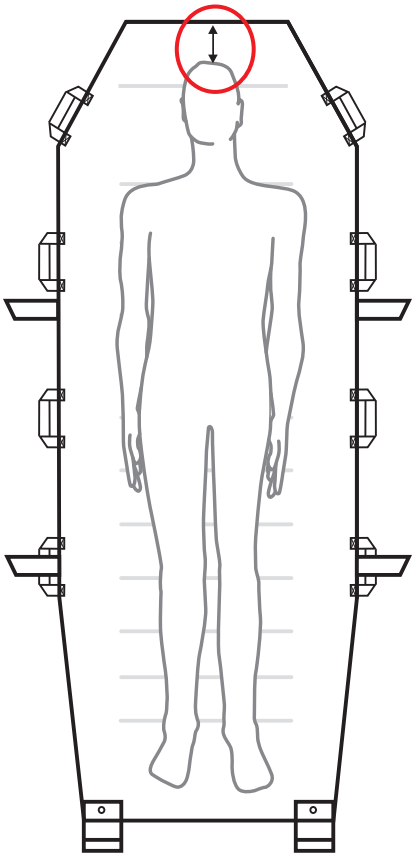


Fig. 7

Correct Placement of the *Maxi Air* air supply

WARNING

Before every transfer, always make sure the *Maxi Air* air supply is:

- Secured from movement and from falling.
- Not in the way of the electrical outlet in use.
- Not placed on the floor.

An incorrectly placed *Maxi Air* air supply can cause hazards (e.g. interrupted inflation). This can cause serious injuries to the patient and the caregivers.

WARNING

To avoid tripping hazards, make sure that the power cord on the floor is rolled up before the transfer.

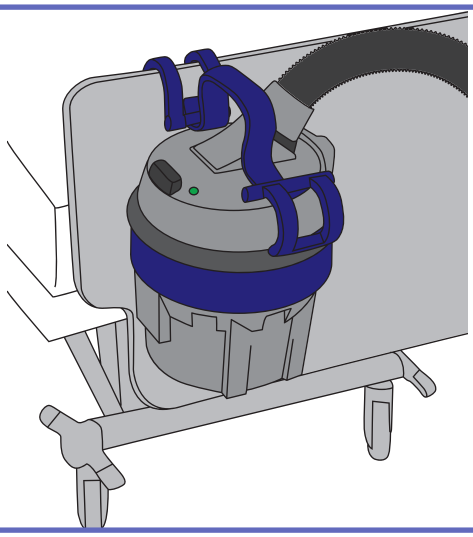


Fig. 8

Placement of the *Maxi Air* air supply

- Hang the *Maxi Air* air supply on the receiving surface by the attachment hooks. Make sure it is secured from movement and from falling down, see “Fig. 8”.
- Make sure the *Maxi Air* air supply is not placed in front of the electrical outlet that is being used.
- Make sure the power cord on the floor is rolled up.

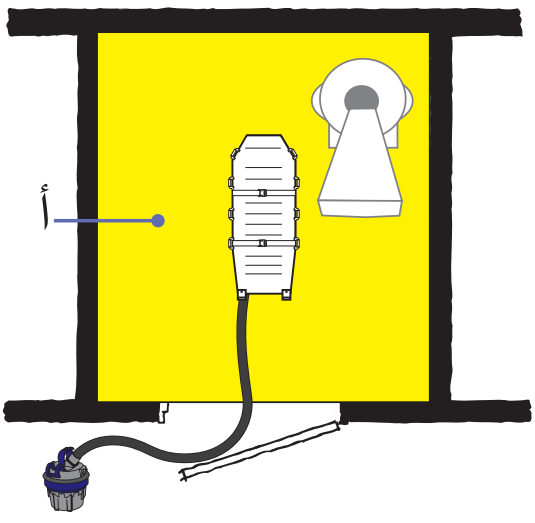


Fig. 9

Placement of the *Maxi Air* air supply with Extended Hose (optional)

If the lateral transfer can not be made outside the MR (Magnetic Resonance) environment, the extended hose is intended to be used. The extended hose enables a lateral transfer of a patient to the MR equipment, with the *Maxi Air* air supply at a safe distance.

WARNING

To avoid bodily injuries to the patient, make sure to place the *Maxi Air* air supply outside the MR environment (A), see”Fig. 9”.

NOTE

The safety buckles on the *Maxi Air* mattress should be placed to the sides during an MR scan to prevent them from creating shadows on the MR image.

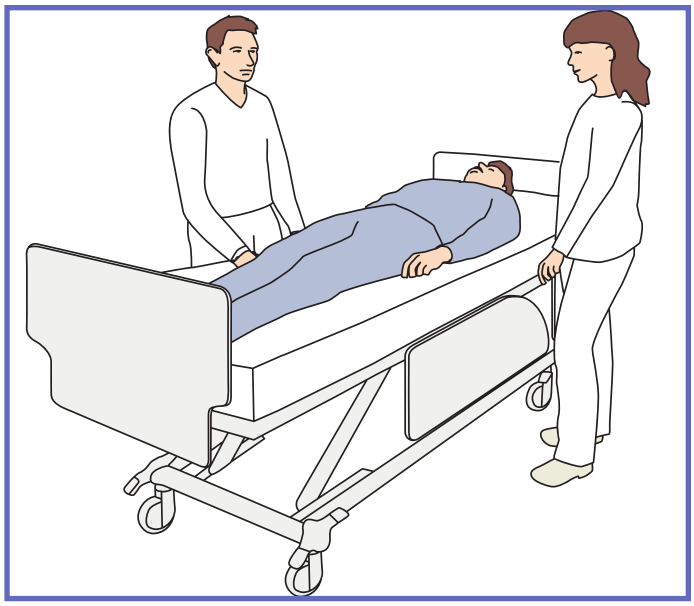


Fig. 10

Transfer between surfaces

Sending surface/side = surface the patient lays on

Receiving surface/side = surface the patient is transferred to

1) Apply the brakes on the sending surface.
2) Make sure the patient is in a horizontal position.

> **WARNING**
>
> To avoid the patient from falling or caregiver from being injured, ensure that there are two or more caregivers present during the transfer.

> **WARNING**
>
> Make sure both surfaces (Sending and receiving) are horizontal.

Position one caregiver on each side of the patient, see “Fig. 10”.

3) Place the *Maxi Air* mattress with the labels upwards, underneath the patient. Follow local routines.
4) Make sure the patient is correctly placed on the *Maxi Air* mattress.

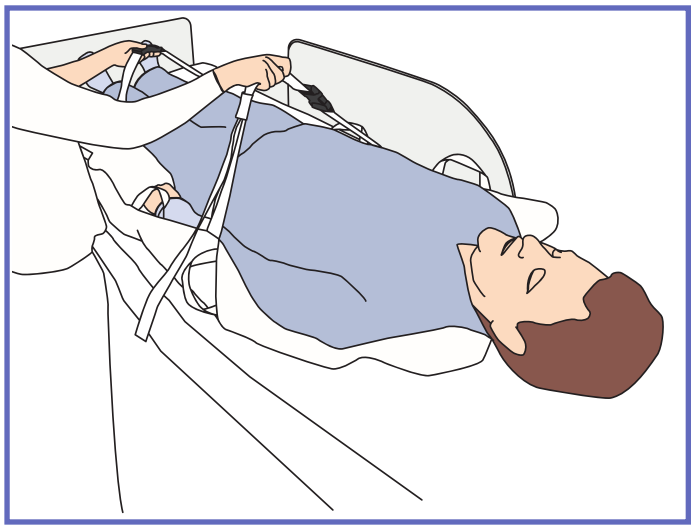


Fig. 11

> **WARNING**
>
> To prevent patient from rolling off the *Maxi Air* mattress, the safety belts must be used during the entire movement.

Attach the safety belts loosely. If the belts are attached too tight, they can cause discomfort during the inflation. Tighten them after the inflation, see “Fig. 11”

5) Adjust the receiving surface to an ergonomic height.
6) Place the receiving surface as close as possible to the sending surface

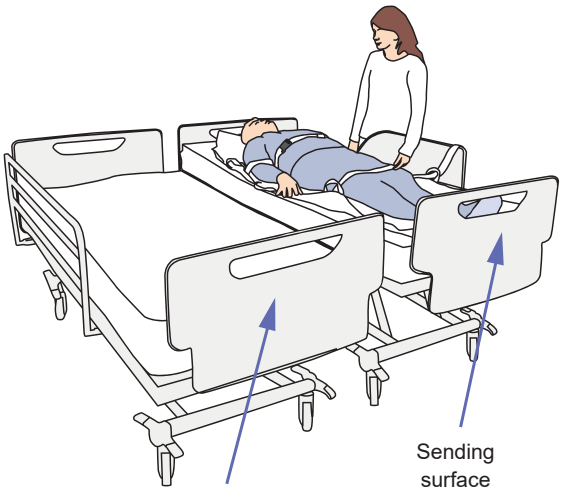


Fig. 12

7) Adjust the sending surface height slightly higher than the receiving surface, see “Fig. 12”.

WARNING

To avoid bodily injuries during the transfer, always make sure to:

- Apply the brakes on both the sending and receiving surface.
- Raise and lock the bed rail on the receiving surface.

Apply the brakes, raise and lock the outer bed rail on the receiving surface.

NOTE

If the receiving surface does not have any bed rail, the caregiver on the receiving side is responsible to make sure the patient does not reach outside the boundaries of the receiving surface.

8) Hang the *Maxi Air* air supply on the receiving surface.

9) Plug the power cord into an electrical outlet.

WARNING

To avoid sudden deflation make sure the air hose is properly connected before transfer. Sudden deflation can cause bodily injuries to both the patient and caregivers.

Receiving side: connect the air hose to the *Maxi Air* mattress.

10) **Sending side**: firmly hold the transfer handles during the inflation of the *Maxi Air* mattress.
Receiving side: turn on the *Maxi Air* air supply and inflate the *Maxi Air* mattress.

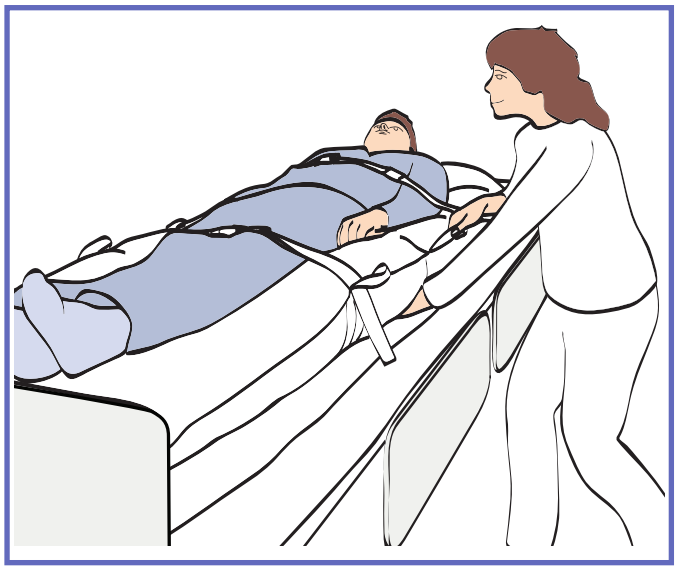


Fig. 13

WARNING

To avoid bodily injuries, make sure the *Maxi Air* mattress is completely inflated before starting the transfer. A partly inflated *Maxi Air* mattress can cause the patient to hit the underlying surface, causing bodily injuries. The pull force will increase with a partial inflated mattress and this can cause bodily injuries to the caregiver as well.

Sending side: feel underneath the *Maxi Air* mattress to make sure that the patient can't be felt through it, see "Fig. 13"

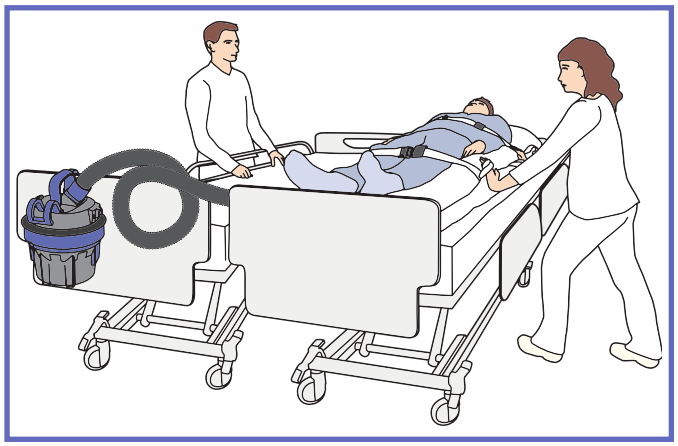


Fig. 14

If any part of the patient can be felt, the *Maxi Air* mattress is only partly inflated. To correct this problem:

- abort the inflation,
- reposition the patient and
- inflate again.

11) **Sending side**: tighten the safety belts and push the *Maxi Air* mattress firmly towards the receiving surface, see "Fig. 14".

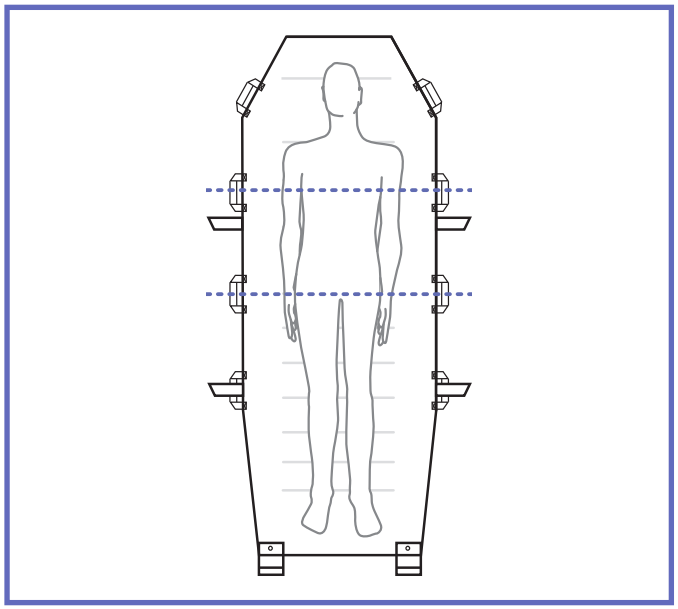


Fig. 15

12)

NOTE

Use the transfer handles that are closest to the widest parts of the patient's body, see "Fig. 15".

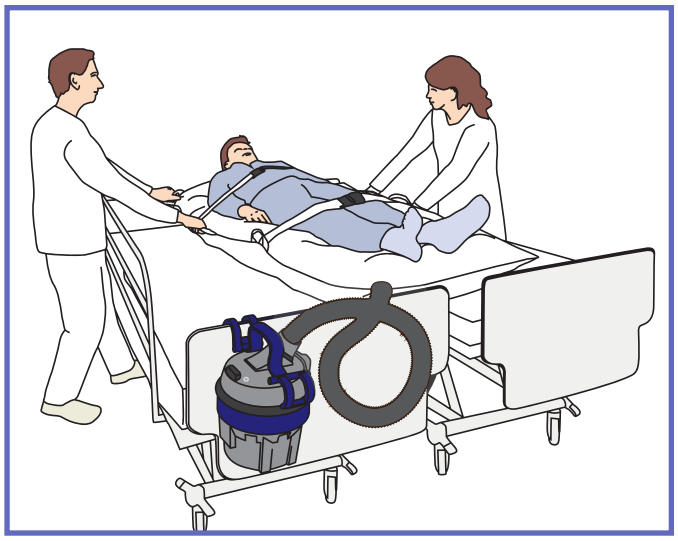


Fig. 16

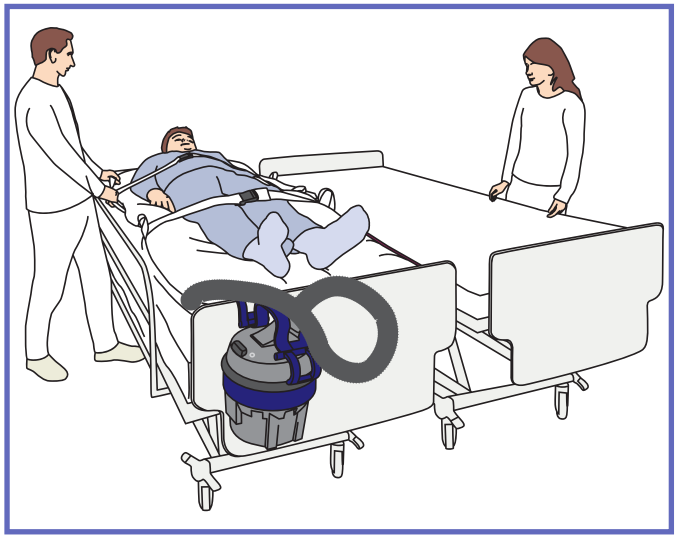


Fig. 17

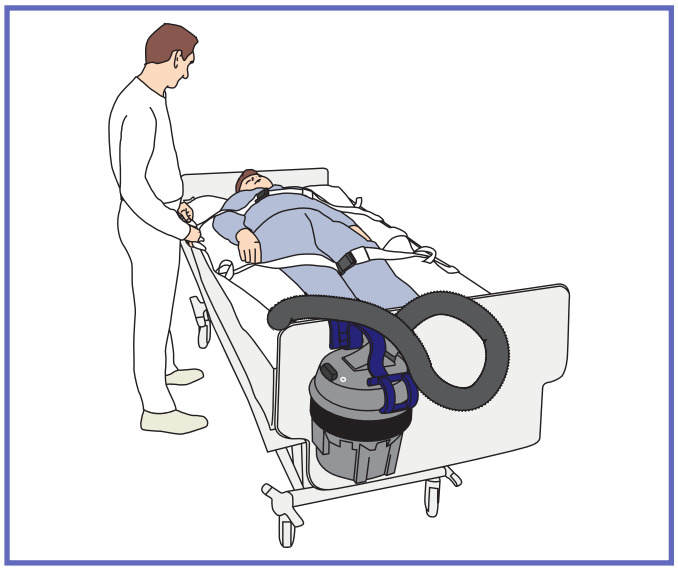


Fig. 18

13) **Receiving side:** meet up the *Maxi Air* mattress when it is halfway over the receiving surface, see “Fig. 16”.

WARNING

To avoid bodily injuries, make sure that the *Maxi Air* mattress is centred on the receiving surface, before the *Maxi Air* mattress is deflated. If not centred, the patient can fall down.

Receiving side: make sure the *Maxi Air* mattress is centred, see “Fig. 17”.

14) **Sending side**: turn off the *Maxi Air* air supply and detach the hose from the *Maxi Air* mattress.

Receiving side: firmly hold the handles until the *Maxi Air* mattress is completely deflated, see “Fig. 18”.

15) After the transfer is completed:
- unbuckle the safety belts,
- lock all side rails (if possible) and
- remove and disinfect the *Maxi Air* air supply, see section “Disinfection Instructions”.

Disinfection Instructions

WARNING

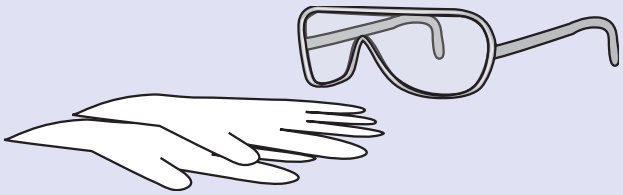
Do NOT wash the *Maxi Air* mattress! The *Maxi Air* mattress is a patient specific product and is not intended for use between patients.

If the *Maxi Air* mattress is washed, the paper coating will disappear, revealing a DO NOT REUSE sign.

WARNING

To prevent cross-contamination, always follow the disinfection instructions in this *Instructions for Use*.

WARNING



To avoid eye and skin damage, always use protective glasses and gloves.

If contact occurs rinse with plenty of water. If eyes or skin becomes irritated, contact a physician. Always read the material safety data sheet of the disinfectant.

WARNING

To avoid eye or skin irritation, never disinfect in the presence of a patient.

CAUTION

To avoid damage on the equipment only use Arjo branded disinfectants.

CAUTION

Do not lower down the *Maxi Air* air supply in disinfectant solution. This could damage the electrical components and cause internal corrosion.

For the best results, only use Arjo branded disinfectant.

If you have any questions regarding disinfecting the equipment or wish to order disinfection fluid (see section Parts and Accessories), contact your local Arjo representative.

Accessories for disinfecting the *Maxi Air* air supply

- Protective glasses
- Protective gloves
- Spray bottle with cleaning fluid (detergent and disinfectant)
- Spray bottle with water
- Cloths – Wet and Dry
- Disposable Towles
- Soft bristled brush

Cleaning/Disinfection method

Step 1 – Removing visual residue

1) Disconnect the air supply from the power supply and the air hose from the *Maxi Air* mattress.
2) Remove the air hose from the air supply.
3) Plug the air outlet of the air supply with a cloth or a disposable towel to prevent moisture/water/cleaning fluid to enter the air supply.
4) Clean the air supply and hose from visible residue using a cloth or soft brush soaked in water alt. Spray with water and wipe with a clean cloth. Start from top and move downwards.

Step 2 - Cleaning

1) Spray cleaning fluid on air supply. Use a brush or a cloth if need for cleaning (to remove any deposits).
2) Use a new wet cloth to wipe off all traces of cleaning fluid or if more suitable by spraying water and wipe with a clean cloth. The cloth should occasionally be rinsed in running water when removing cleaning fluid.
3) Roll up the air hose and lower it down into cleaning fluid. Scrub the hose with a brush.
4) Rinse the air hose with water (approx. 25°C) to remove cleaning fluid.
5) If cleaning fluid cannot be removed in step 2.2 and step 2.4 spray water on the affected part and wipe off with disposable towels/ cloth. Repeat until all of the cleaning fluid has been removed.

Step 3 - Disinfection

1) Spray cleaning fluid on the air supply.
2) Allow a disinfection time according to the instructions on the disinfectant bottle label.
3) Roll up the air hose and lower it down into new cleaning fluid.
4) Allow a disinfection time according to the instructions on the disinfectant bottle label
5) Use a new wet cloth to wipe off all traces of cleaning fluid on the air supply or if more suitable by spraying water and wipe with a clean cloth. The cloth should occasionally be rinsed in running water when removing cleaning fluid.
6) Rinse the air hose with water (approx. 25°C) to remove cleaning fluid.
7) If cleaning fluid cannot be removed in step 3.5 and step 3.6 spray water on the affected part and wipe off with disposable towels/ cloth. Repeat until all of the cleaning fluid has been removed.
8) Let the air supply dry.
9) Hang the air hose to drain water and air-dry.

Care and Preventive Maintenance

The *Maxi Air* system is subject to wear and tear, and the following actions must be performed to make sure that the product remains within its original manufacturing specification.

WARNING
To avoid malfunction resulting in injury, make sure to conduct regular inspections and follow the recommended maintenance schedule. In some cases due to heavy use of the product and exposure to aggressive environment more frequent inspections should be carried out. Local regulations and standards may be more stringent than the recommended maintenance schedule.

WARNING
Never proceed to maintenance or service while in use with a patient.

WARNING
To avoid injury to both patient and caregiver, never modify the equipment or use incompatible parts.

Preventive maintenance schedule for *Maxi Air* air supply and the *Maxi Air* mattress.

CAREGIVER OBLIGATIONS Action/Check	Before Each Patient	Every Transfer	Every Week	Every Month
Disinfect (only the *Maxi Air* air supply)	✓			
Visually check all exposed parts		✓		
Perform functionality test			✓	
Check/change the air filter accordingly				✓

Caregiver Obligations : Caregiver obligations shall be carried out by personnel with sufficient *Maxi Air* knowledge, following the instructions in this *IFU*.

Before Each Patient : Disinfect the *Maxi Air* air supply. Make sure the *Maxi Air* air supply is disinfected between patients according to section “Disinfection Instructions”.

Every Transfer : Visually check all exposed parts. Check for;

- damages,
- tears and
- unhygienic signs.

Check especially the *Maxi Air* mattress since it has been in contact with both the patient and the caregivers.

Every Week : Perform functionality test. Check the;

- on/off function of the *Maxi Air* air supply,
- air hose connection at the *Maxi Air* air supply and *Maxi Air* mattress and
- air hose for damage.

Every month : Check the air filter for dirt and replace it accordingly. See section “Check and Change the Air Filter”.

WARNING
To avoid injuries and/or unsafe product, maintenance activities must be carried out at the correct frequency by qualified personnel using correct tools, parts and knowledge of procedure. Qualified personnel must have documented training in maintenance of this device.

QUALIFIED PERSONNEL ACTION/CHECK	Every Year
Change the air filter	✓
Perform functionality test	✓

NOTE

All Caregiver Obligations are to be checked when performing the Qualified Personnel Service.

Every Year : *Maxi Air* air supply has to be serviced according to the section “Care and Preventive Maintenance” schedule by qualified personnel.

Check and Change the Air Filter

If the Air Filter needs to be changed (e.g., it is dirty or preventative maintenance dictates changing).

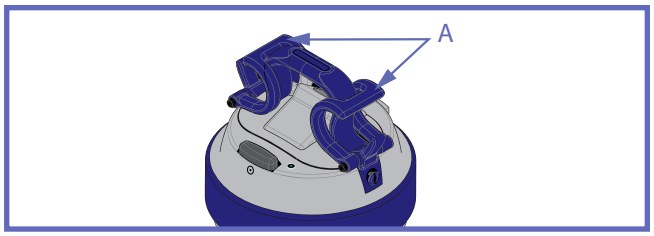


Fig. 19

1) Fold in the attachment hooks (A).

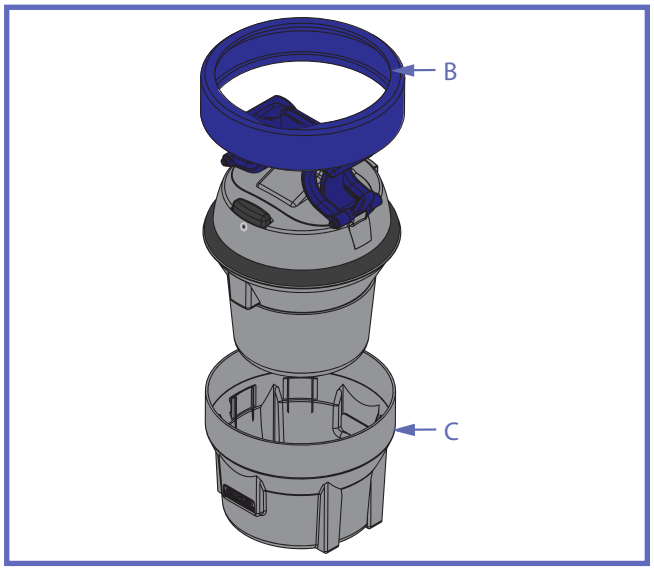


Fig. 20

2) Pull up the rubber bumper (B).
3) Pull down the cover (C).

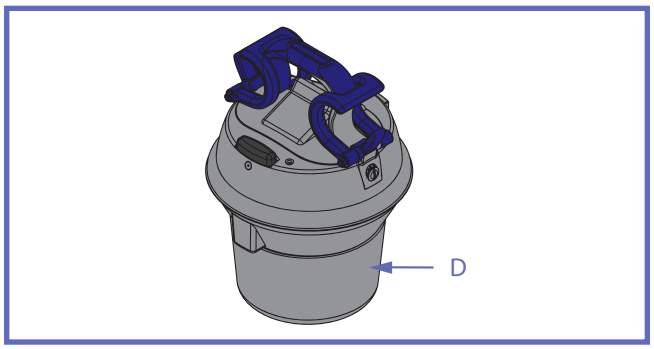


Fig. 21

4) Check the air filter (D) for dirt.

   Replace the air filter if it is dirty or if it needs to be replaced with a different type of filter.

5) Remove current filter.

6) Install the High Efficiency Filter (700-32105) or the Standard Filter (6305180).

> **NOTE**
>
> Never use the Maxi Air without an air filter or with a dirty air filter.

7) Attach the cover (C) and the rubber ring (B).

If the product does not work as intended, immediately contact your local Arjo representative for support.

PROBLEM	ACTION
No air flow	• Check power supply. • Check power cord connections on the *Maxi Air* air supply and the electrical outlet.
Low pressure in the *Maxi Air* mattress.	• Check air hose connections between the *Maxi Air* air supply and the *Maxi Air* mattress. • Check the air hose for damage. • Check the *Maxi Air* mattress for damage. • Make sure the air filter is clean.

NOTE

If the problem cannot be solved with the written troubleshooting actions, please contact qualified personnel.

Technical Specifications

Technical Data

MAXI AIR AIR SUPPLY	
Weight	11 lb. (5 kg)
Expected life	5 years
Protection class	Not protected against ingress of water
Environment pollution degree for use	2 maximum
Operating force: Push button	30.0 N
Maximum duty cycle	For continuous use
Sound Level	74 dBA
MRI classification	MR unsafe
Motor power	120 VAC, 60 Hz, 1100 W (North America) 230 VAC, 50 Hz, 1200 W (Except North America)

MAXI AIR MATTRESS	
Safe Working Load (SWL) (maximum patient weight)	1200 lb. (544 kg)
Weight	2 lb. (1 kg)
Expected life	20 transfers, single patient use.
Shelf life	Estimated shelf life (2 years) starts from the manufacturing date stated on LOT label on the mattress.
Medical equipment	type B 
MRI classification	MR Safe
Radiolucency classification	Radiolucent
Latex content	Not made with natural rubber latex

WARNING

To avoid electric shock, make sure that the equipment is connected to:

- Continuously powered supply mains with protective earth.
- Separate fuse and ground fault circuit interrupter (GFCI)
- A mains disconnection device

All installations must be in accordance with local codes and regulations.

Allowed Combinations

Mattress

Before using allowed devices that were not manufactured by Arjo, please refer to the appropriate *Instructions for Use* for proper operation, care and maintenance. Arjo is not responsible for device malfunction for devices manufactured elsewhere and is not liable for any resulting damage and/or injury.

Products	Product ID	Manufacturer
Maxi Air Mattress L	MAS014000-WW	Arjo
Maxi Air Mattress XL	MAS015000-WW	
Maxi Air Mattress XXL	MAS016000-WW	
AIRPAL DISPOSABLE Long transfer mattress, 86 cm (34 in.) 34 in. W x 78 in. L, 10/box (86 cm W x 198 cm L)	AP-034SPS	Arjo
AIRPAL DISPOSABLE Long transfer mattress, 99 cm (39 in.) 39 in. W x 78 in. L, 10/box (99 cm W x 198 cm L)	AP-039SPS	
AIRPAL DISPOSABLE Long transfer mattress, 127 cm (50 in.) 50 in. W x 78 in. L, 5/box (127 cm W x 198 cm L)	AP-050SPS	
AIRPAL DISPOSABLE Short transfer mattress, 86 cm (34 in.) 34 in. W x 47 in. L, 10/box (86 cm W x 119 cm L)	AP-034SPSH	
AIRPAL DISPOSABLE Short transfer mattress, 71 cm (28 in.) 28 in. W x 78 in. L, 10/box (71 cm W x 198 cm L)	AP-028SPSLH	
AIRPAL DISPOSABLE Short transfer mattress, 99 cm (39 in.) 39 in. W x 47 in. L, 10/box (99 cm W x 119 cm L)	AP-039SPSH	
AIRPAL LAUNDERABLE Long transfer mattress, 86 cm (34 in.) 34 in. W x 78 in. L, 10/box (86 cm W x 198 cm L)	AP-034N	
AIRPAL LAUNDERABLE Short transfer mattress, 86 cm (34 in.) 34 in. W x 47 in. L, 10/box (86 cm W x 119 cm L)	AP-034NSH	
AIRPAL LAUNDERABLE Long transfer mattress, 99 cm (39 in.) 39 in. W x 78 in. L, 10/box (99 cm W x 198 cm L)	AP-039N	
AIRPAL LAUNDERABLE Short transfer mattress, 99 cm (39 in.) 39 in. W x 47 in. L, 10/box (86 cm W x 119 cm L)	AP-039NSH	
AIRPAL LAUNDERABLE Long transfer mattress, 127 cm (50 in.) 50 in. W x 78 in. L, 10/box (127 cm W x 198 cm L)	AP-050N	

(continued)

Products	Product ID	Manufacturer
Glide™ Launderable mattress Regular size 3062-500-028*	MAS013102-99	PPS
Glide™ Launderable mattress Large size 3062-500-032*	MAS014102-99	
Glide™ Launderable mattress Bariatric size 3062-500-046*	MAS016102-99	
No other combinations are allowed.		

*Note: May not be available in all markets. Please check with your Arjo representative for availability.
Glide™ is a registered trademark of Patient Positioning Systems LLC (PPS)

Air Supply - Arjo products

Products	Product ID	Mattress Compatibility									
		L	XL	XXL	Glide™ Reg.	Glide™ Large	Glide™ Bari.	71cm (28 in.)	86cm (34 in.)	99cm (39 in.)	127cm (50 in.)
Air Supply 120 V	MAS000001-US MAS000006-US	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Air Supply 230 V	MAS000001-AU, MAS000001-DE, MAS000001-DK, MAS000001-EU, MAS000001-HK, MAS000001-IN, MAS000001-MID, MAS000001-NO, MAS000001-SE, MAS000001-UK, MAS000001-ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Air Supply - Other manufacturers

Products	Product ID	Manufacturer	Mattress Compatibility					
			L	XL	XXL	Glide™ Reg.	Glide™ Large	Glide™ Bari.
Variable Speed Air Supply	HT-AIR1200	Hovertech	✓	✓	✓			
1100 Watt Air Supply	AIR400G		✓	✓	✓			
800 Watt Air Supply	AIR200G		✓					
1100 Watt Air Supply	PA-1200	AirPal	✓	✓	✓			
No other combinations are allowed.								

HOVERTECH® is a registered trademark of HoverTech International

Environmental Conditions

Operating	
Temperature	+10 °C to + 32 °C (+50 to +90 °F)
Humidity	10-70% at +20 °C (+68 °F)
Atmospheric pressure	700 hPa to 1060 hPa

Transport and Storage - *Maxi Air* air supply	
Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Humidity	10-70% at +20 °C (+68 °F)
Atmospheric pressure	500 hPa to 1060 hPa

Transport and Storage - *Maxi Air* mattress	
Temperature	4 °C to +32 °C (+40 °F to +90 °F)
Humidity	10-70% at +20 °C (+68 °F)
Atmospheric pressure	500 hPa to 1060 hPa

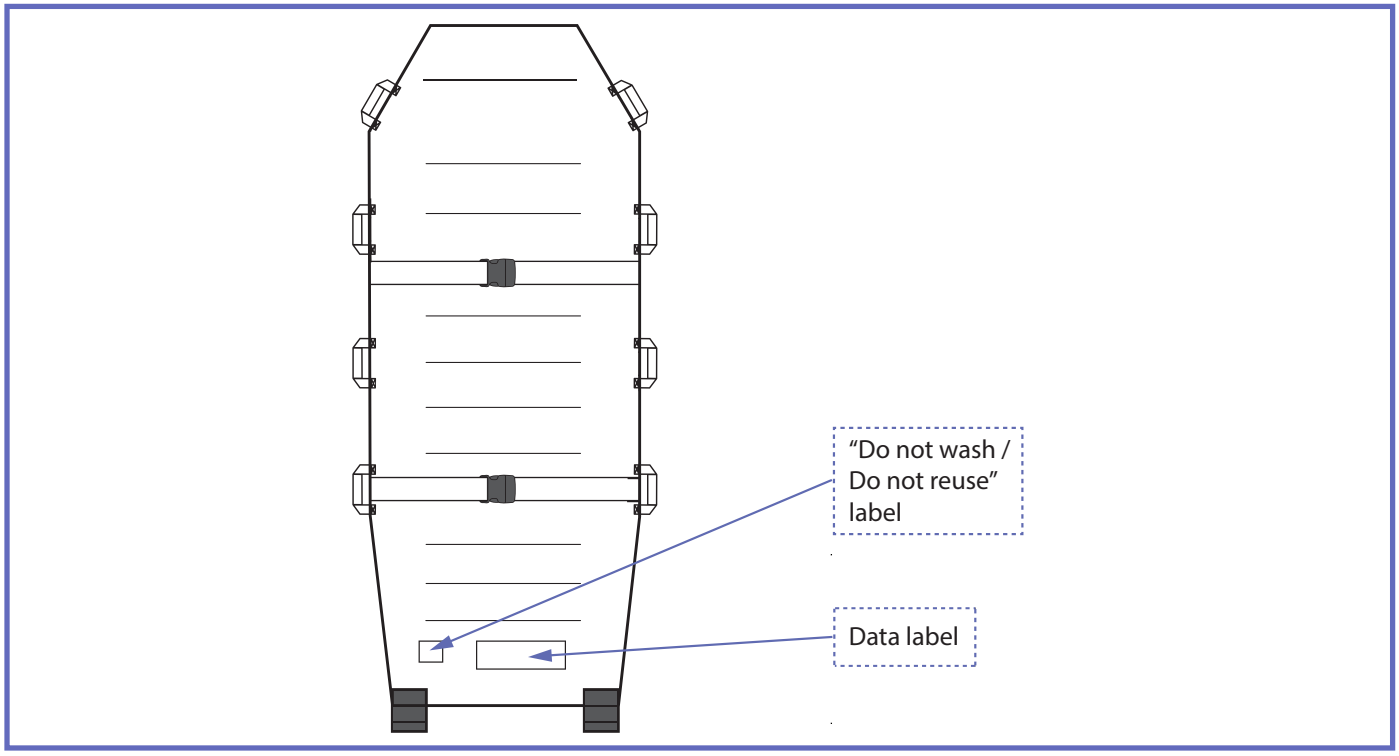
Safe Disposal at End of Life

The device should be recycled according to national regulations.	
Package	Foam and corrugated cardboard recyclable
Air Supply (Pump)	Products having electrical and electronic components or an electrical cord should be disassembled and recycled per Waste of Electrical and Electronic Equipment (WEEE) or in accordance with local or national regulation.
Mattress	Fabric material used on the mattresses or any other textiles, polymers or plastic materials etc. should be sorted as combustible waste. Mattresses at the end of life should be disposed of a waste according to the national or local requirements which may be landfill or combustion.

Labels on *Maxi Air* mattress

	Type B, Applied part: protection against electrical shock in accordance with IEC 60601-1.
	Refer to *Instructions for Use*
LOT	LOT number
MR	MR-Safe
REF	REF Model number
	Do not wash
H	Hospital
1	Single Patient Multiple Use
UDI	Unique Device Identifier
31	calendar

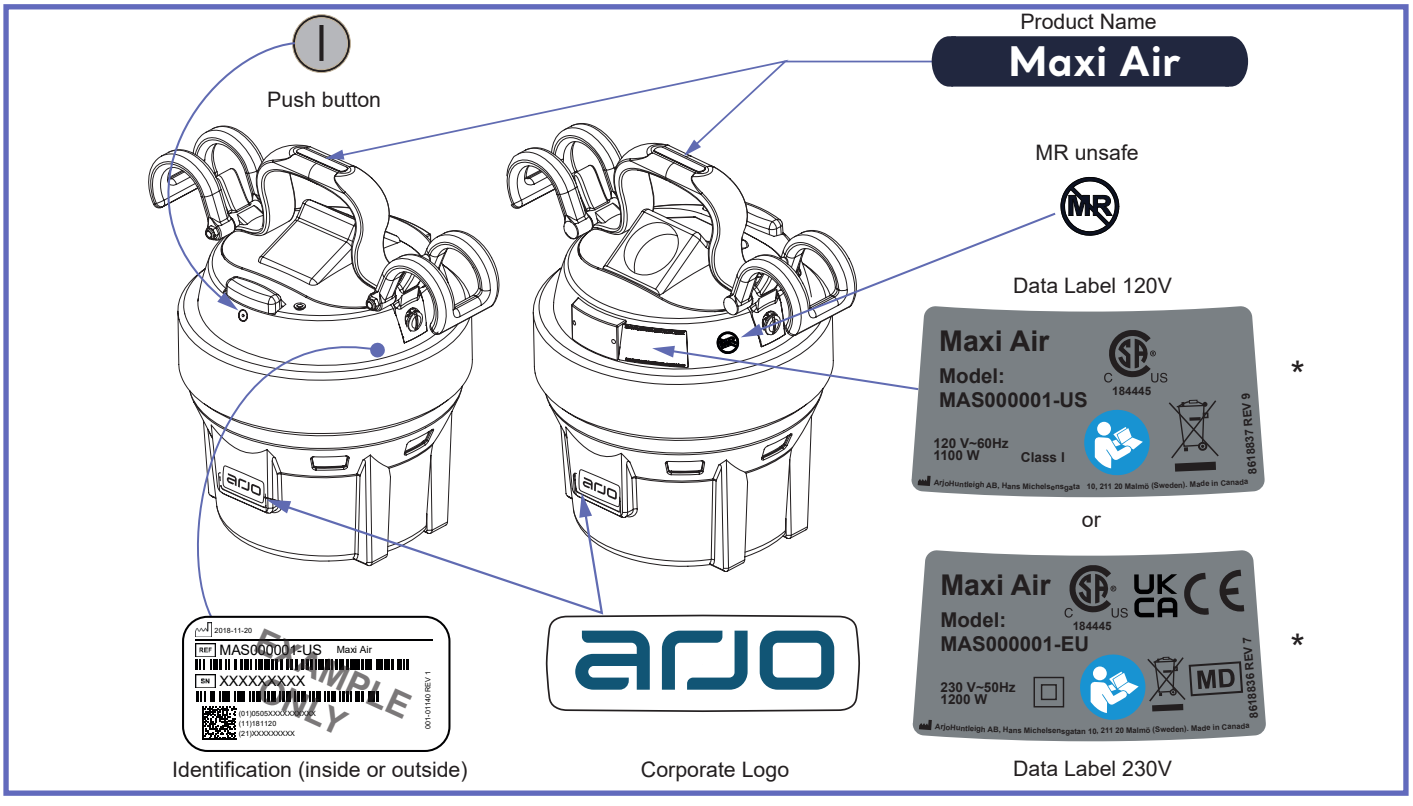
	Do not reuse Appears if the *Maxi Air* mattress is washed
	Foot end of mattress
	The name and address of the manufacturer.
	Manufacturing date The shelf life (2 years) of the *Maxi Air* mattress starts from the manufacturing date on the LOT label on the outer package.
CE	CE marking indicating conformity with European Community harmonised legislation.
MD	Indicates the product is a Medical Device according to EU Medical Regulation 2017/745.



Labels on *Maxi Air* air supply

Class I	Insulation class
	Double insulation
V~Hz	Voltage and AC frequency
	MR-Safe (Extended Hose)
W	Motor power
	Separate electrical and electronic components for recycling in accordance with the European Directive 2002/ 96/EC (WEEE)
	Follow *Instructions for Use*
xxxxxx	Serial Number (located inside)
	Hospital
	Calendar

	Wipe symbol
	Push button (Power On/Off)
	MR unsafe
	Certified by CSA.
	The name and address of the manufacturer.
	CE marking indicating conformity with European Community harmonised legislation.
	Indicates the product is a Medical Device according to EU Medical Regulation 2017/745.
	Unique Device Identifier



Identification Label

The identification label states the product number, the serial number and the manufacturing date. The identification label is located under the top lid or outside on the bottom enclosure.

If the identification label is not visible from the outside of the Maxi Air, follow these steps to get access to it.

Access the identification label, see “Fig. 22”.

1) Turn the screws (A) to an unlocked (A1) position.
2) Remove the attachment hooks and handle (B) by pulling the handle upward and side to side at the same time.
3) Remove the lid (C) to see the identification label (D).

Reattach the attachment hooks, handle and lid, see “Fig. 22”.

1) Attach the lid (C).
2) Push down the attachment hooks (B) and handle. Make sure they click into place.
3) Turn the screws (A) to a locked (A2) position.

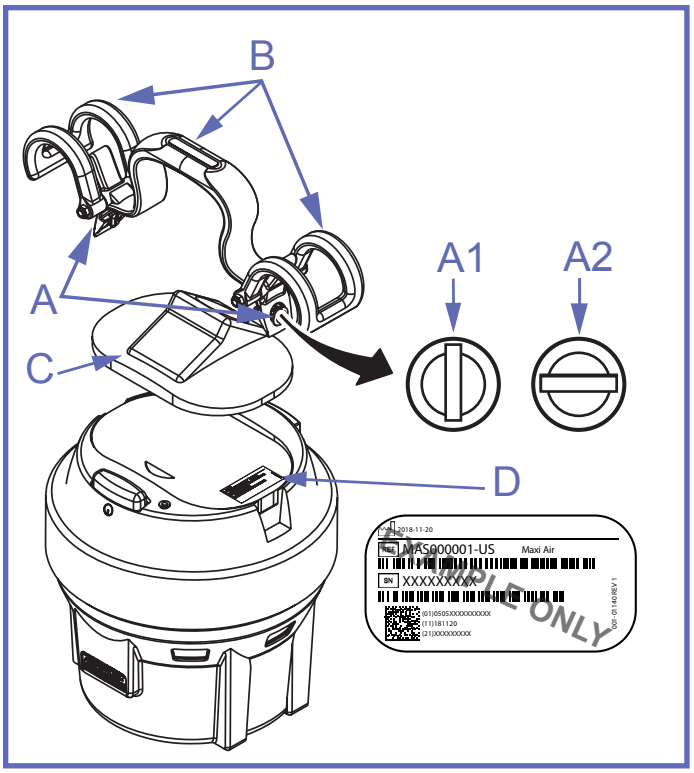


Fig. 22

UK Symbol explanation	
This section is only applicable to United Kingdom (UK) market when UK marking is applied to the Arjo medical device labelling.	
UK CA	UK marking indicating conformity with UK Medical Devices Regulations 2002 (SI 2002 No 618, as amended)
UK Responsible Person & UK Importer: **Arjo (UK) Ltd, ArjoHuntleigh House, Houghton Regis. LU5 5XF** Is the appointed UK Responsible Person as defined in UK Medical Devices Regulations 2002 (SI 2002 No 618, as amended). For Northern Ireland (NI) CE marking will still apply until further amendment to applicable regulations.	

Electromagnetic Compatibility

The Maxi Air has been tested for compliance with current regulatory standards regarding its capacity to block EMI (electromagnetic interference) from external sources. Nonetheless, some procedures can help reduce electromagnetic interferences:

- Ensure that other devices in patient-monitoring and/or life-support areas comply to accepted emissions standards.
- Maximize the distance between electro-medical devices. High-powered devices may produce EMI that can affect the product.

For more information on how to manage the unit's RF electromagnetic environment, please consult the AAMI TIR 18-1997 - Guidance on Electromagnetic Compatibility of Medical Devices for Clinical/ Biomedical Engineers.

WARNING Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

WARNING The equipment may cause radio interference or may disrupt the operation of nearby equipment. It may be necessary to take action, such as reorienting, relocating the equipment or shielding the location.

WARNING Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm to any part of the Maxi Air, including cables specified by the manufacturer. Otherwise, performance degradation of this equipment could result.

Electromagnetic Emissions

<table>
<tr><th colspan="3">Guidance and Manufacturer's Declaration -
Electromagnetic Emissions - For all Equipment and Systems</th></tr>
<tr><td colspan="3">The Maxi Air is intended for use in the electromagnetic environment indicated below. The customer or the user of the Maxi Air should assure that it is used in such an environment.</td></tr>
<tr><th>Emissions test</th><th>Compliance</th><th>Electromagnetic environment - guidance</th></tr>
<tr><td>RF emissions
CISPR 11</td><td>Group 1</td><td>The Maxi Air system uses RF energy only for its internal function. Therefore, its RF emissions are very low and not likely to cause interference in nearby electronic equipment.</td></tr>
<tr><td>RF emissions
CISPR 11</td><td>Class A</td><td rowspan="3">The Maxi Air system is suitable for use in all establishments other than domestic and those directly connected to the public low voltage power supply network that supplies buildings used for domestic purposes.</td></tr>
<tr><td>Harmonic emissions
IEC 61000-3-2</td><td>Class A</td></tr>
<tr><td>Voltage fluctuations/flicker emissions
IEC 61000-3-3</td><td>Complies</td></tr>
<tr><td colspan="3">NOTE: The EMISSIONS characteristics of this equipment make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in a residential environment (for which CISPR 11 class B is normally required) this equipment might not offer adequate protection to radio-frequency communication services. The user might need to take mitigation measures, such as relocating or re-orienting the equipment.</td></tr>
</table>

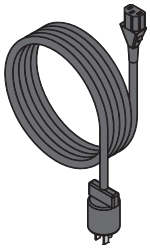
Electromagnetic Immunity

Guidance and Manufacturer's Declaration - Electromagnetic Immunity - For all Equipment and Systems			
The *Maxi Air* is intended for use in electromagnetic environment specified below. The customer or the user of the *Maxi Air* should assure that it is used in such an environment.			
Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment - guidance**
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±15 kV air	±8 kV contact ±15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC 61000-4-4	±2 kV, AC Mains 100 kHz repetition frequency	±2 kV, AC Mains 100 kHz repetition frequency	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±2 kV, AC Mains, Line to Ground ±1 kV, AC Mains, Line to Line	±2 kV, AC Mains, Line to Ground ±1 kV, AC Mains, Line to Line	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0 % U_T; 0,5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° 0 % U_T; 1 cycle and 70 % U_T; 25/30 cycles Single phase: at 0° 0 % U_T; 250/300 cycle	0 % U_T; 0,5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° 0 % U_T; 1 cycle and 70 % U_T; 25/30 cycles Single phase: at 0° 0 % U_T; 250/300 cycle	Mains power quality should be that of a typical commercial or hospital environment. If the user of the *Maxi Air* system requires continued operation during mains interruptions, it is recommended that the *Maxi Air* system be powered from an interruptible power supply or battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m 50/60 Hz	30 A/m 50/60 Hz	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercials or hospital environment.
NOTE: U_T is the AC mains voltage prior to application of the test level.			

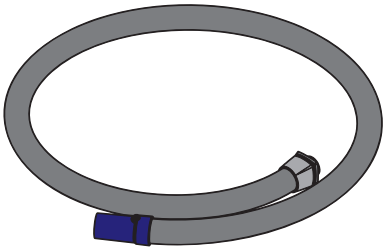
(continued)

Guidance and Manufacturer's Declaration - Electromagnetic Immunity - For all Equipment and Systems			
Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment - guidance**
Conducted RF IEC 61000-4-6	3 V outside ISM bands between 0.15-80 MHz 6 V inside ISM and amateur radio bands between 0.15-80 MHz	3 V outside ISM bands between 0.15-80 MHz 6 V inside ISM and amateur radio bands between 0.15-80 MHz	N/A
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz	10 V/m 80 MHz to 2.7 GHz	
Proximity fields from RF wireless comunications equipment IEC 61000-4-3	380 - 390 MHz 27 V/m; PM 50 %; 18 Hz 430 - 470 MHz 28 V/m; (FM ±5 kHz,1 kHz sine) PM; 18 Hz 800 - 960 MHz 28 V/m; PM 50 %; 18 Hz 1700 - 1990 MHz 28 V/m; PM 50 %; 217 Hz 2400 - 2570 MHz 28 V/m; PM 50 %; 217 Hz 5100 - 5800 MHz 9 V/m; PM 50 %; 217 Hz 704 - 787 MHz 9 V/m; PM 50 %; 217 Hz	380 - 390 MHz 27 V/m; PM 50 %; 18 Hz 430 - 470 MHz 28 V/m; (FM ±5 kHz,1 kHz sine) PM; 18 Hz 800 - 960 MHz 28 V/m; PM 50 %; 18 Hz 1700 - 1990 MHz 28 V/m; PM 50 %; 217 Hz 2400 - 2570 MHz 28 V/m; PM 50 %; 217 Hz 5100 - 5800 MHz 9 V/m; PM 50 %; 217 Hz 704 - 787 MHz 9 V/m; PM 50 %; 217 Hz	

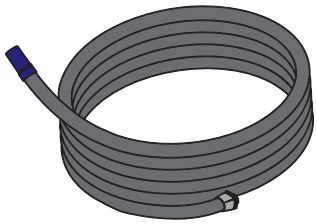
Parts and Accessories



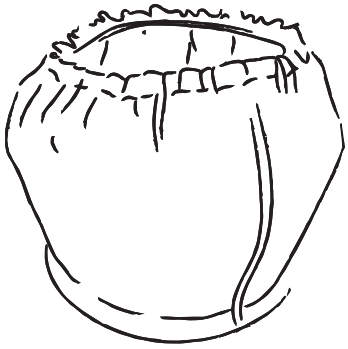
Power Cord
6364343 - AUS Hospital Grade
6364344 - US Hospital Grade
6364346 - Europe
6364347 - India
6364348 - South Africa
6364349 - United Kingdom



Air Hose
8662971

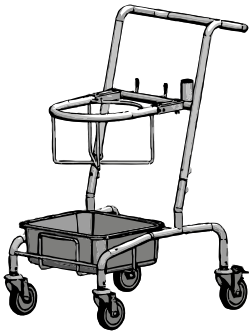


Extended Air Hose
8664411

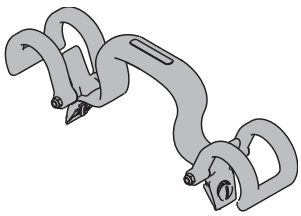


Air Filter
6305180

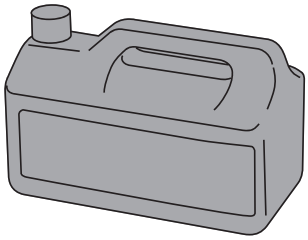
High Efficiency Air Filter kit
700-32105
(Only 120V motor)



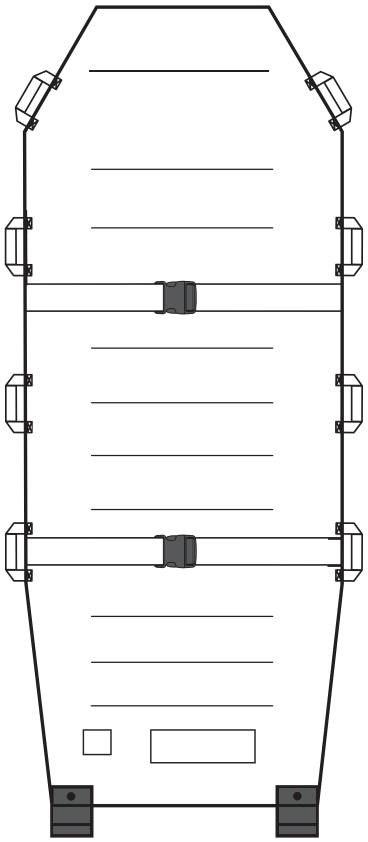
Maxi Air Cart
MCA0003



Handle Kit
700-32101



For disinfectant, contact your local representative.



Maxi Air Mattress
MAS014000 (L)
MAS015000 (XL)
MAS016000 (XXL)

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