

Community Bed Integral Side Rails & Side Rail Height Extensions

Instructions for use

CONTENTS

1. INTRODUCTION	2
2. CONTACT INFORMATION	
3. SYMBOL DEFINITION	
4.1 PART IDENTIFICATION FOR METAL SIDE RAILS	4
4.1.1 Integral Dipped Metal Side Rails	4
4.1.2 Extended Length Dipped Integral Metal Side Rails	
4.1.3 Integral Non-Dipped Metal Side Rails	
4.1.4 Extended Length Non-Dipped Integral Metal Side Rails	
4.1.5 Metal Side Rail Height Extension	
4.1.6 Metal Side Rail Height Extension (with removable foot end)	5
4.2 PART IDENTIFICATION FOR WOODEN SIDE RAILS	
4.2.1 Integral Wooden Side Rails	6
4.2.2 Extended Length Integral Wooden Side Rails	
4.2.3 Integral Wooden Side Rail Height Extensions	
5. FITTING THE SIDE RAILS	
6. OPERATING THE SIDE RAILS	. 9
7. FITTING THE SIDE RAIL HEIGHT EXTENSIONS (metal)	. 10
8. FITTING THE SIDE RAIL HEIGHT EXTENSIONS (metal with removable foot ends)	. 11
9. OPERATING THE SIDE RAIL HEIGHT EXTENSIONS (metal with removable foot ends)	12
10. FITTING THE SIDE RAIL HEIGHT EXTENSIONS (wooden integral)	. 13
11. OPERATING THE SIDE RAIL HEIGHT EXTENSIONS (wooden integral)	. 15
12. MAINTENANCE	. 16
13. CLEANING	. 16
14. SPECIFICATION	17
15. WARRANTY	. 18



All information in this document is intended for authorised personnel use only. Incorrectly specified and incorrectly fitted side rails and side rail height extensions can lead to death.

1. INTRODUCTION

Thank you for purchasing integral side rails/side rail height extensions. These instructions for use detail the fitting procedure and use of both the integral side rails and integral side rail height extensions with the Drive DeVilbiss range of community beds. Please ensure that you understand all instructions, if you have any questions concerning the operation or maintenance of the product please contact your equipment provider or Drive DeVilbiss Healthcare Ltd. Drive DeVilbiss Healthcare Ltd. recommend the side rails and side rail height extensions are fitted and maintained by Drive DeVilbiss Healthcare Ltd. service engineers or qualified personnel. The bed's instructions for use are to be read carefully in combination with this document to ensure that all relevant information is understood.

- Whilst every care has been taken by Drive DeVilbiss Healthcare Ltd. to ensure that the design of the side rails and height extensions meet the relevant safety standards, beds fitted with side rails can still pose a potential risk of death from entrapment and asphyxiation, particularly if fitted poorly/incorrectly.
- All staff responsible for the purchase, selection for use, and the adjustment of bed side rails and height extensions should be aware of the potential risk of entrapment and asphyxiation when a bed is occupied, and when the bed and patient are left unattended.
- The side rails and side rail height extensions identified in these instructions for use are only suitable for use with the Drive DeVilbiss Healthcare Ltd. Alphalite, Bradshaw, Casa Elite and Solite Pro range of beds and no other iteration of bed frame.



- Care must be taken when positioning and adjusting side rails and height extensions to ensure that any spaces between the side rails, height extensions, mattress or bed frame will not allow entrapment of the occupant's head or body. In addition, consideration should be given to the size and physiological condition of the occupant and an assessment undertaken to ensure that the spacing between the bars of the side rails are not wide enough to present a potential risk of entrapment and/or asphyxiation. All staff responsible are to be aware that increased vigilance is required when nursing patients in beds fitted with side rails.
- If there is any doubt about the assembly or suitability of the side rails or side rail height extensions contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted side rails can lead to death.
- Before side rails or side rail height extensions are fitted to the bed, a risk assessment must be performed on a patient by patient basis to assess suitability.
- Community beds should never be extended whilst side rails are fitted, risk of falling parts could lead to injury.

2. CONTACT INFORMATION

For any service, warranty, sales or customer service information regarding this product please contact your provider or if in doubt contact Drive DeVilbiss Healthcare Ltd. at the following address:

Drive DeVilbiss Healthcare Ltd. Sidhil Business Park, Holmfield, Halifax, West Yorkshire HX2 9TN United Kingdom

Please quote the product serial number on all correspondence. This can be found on the identification labels, which are located on the inside of the backrest section frame, on the inside of the leg section frame, and on the lower section of each bed end.

Customer Service

Tel: 0845 0600 333

Fax: 0845 0600 334

Email: customer.service@drivedevilbiss.co.uk

www.sidhil.com

For Service & Support outside the United Kingdom & Northern Ireland please contact the local distribution company from where this equipment was purchased. Failure to do so may result in the manufacturer's warranty becoming void.

3. SYMBOL DEFINITION

The following symbols are found on this product:



Warning Beware of potential hazard

Recommended

could introduce a hazard



Lot number



Date of manufacture



Manufacturer



Refer to instructions for use -Mandatory

Refer to instructions for use -

Failure to read the instructions for use

Failure to read the instructions for use could introduce a hazard



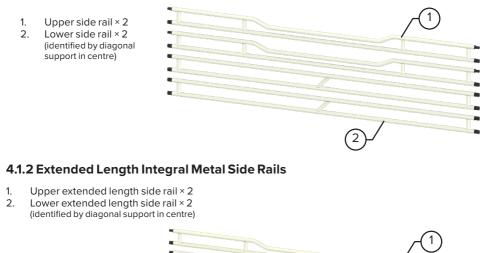
Catalogue number

4.1 PART IDENTIFICATION FOR METAL SIDE RAILS

Your package contents will vary depending on the product you have ordered; integral side rails, extended length side rails, or side rail height extensions. The package contents of each are detailed below, please ensure you have all parts shown before attempting to fit the accessory to the bed. Product colour may vary.

All integral side rails are fitted to the bed using Drive DeVilbiss finger kits. See section 5 for more details.

4.1.1 Integral Metal Side Rails

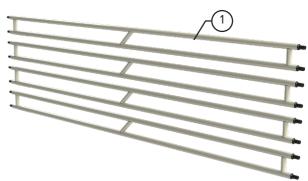


Note: Both the upper and lower extended length side rails feature a bent tube.

4.1.3 Integral Non-Dipped Metal Side Rails

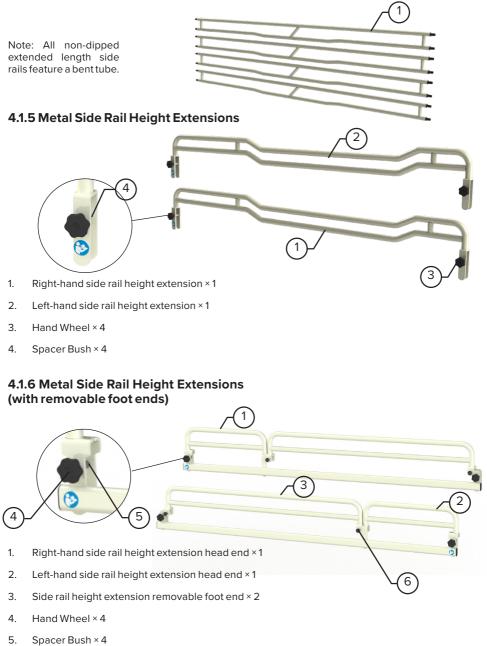
-

1. Non-dipped side rail × 4



4.1.4 Extended Length Integral Non-Dipped Metal Side Rails

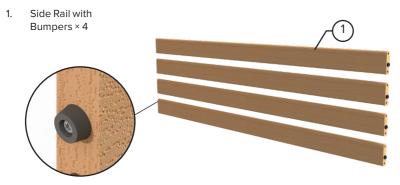
1. Non-dipped extended length side rail $\times 4$



6. Release Plunger × 4

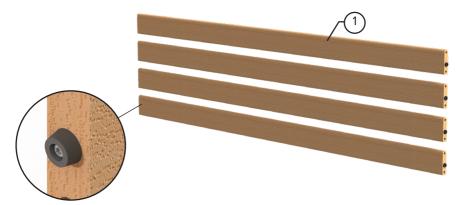
4.2 PART IDENTIFICATION FOR WOODEN SIDE RAILS

4.2.1 Integral Wooden Side Rails



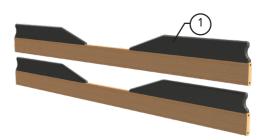
4.2.2 Extended Length Integral Wooden Side Rails

1. Extended Side Rail with Bumpers × 4



4.2.3 Integral Wooden Side Rail Height Extensions

1. Extended Height Wooden Side Rails × 2 (refer to section 14 for more information)



5. FITTING THE SIDE RAILS

Ensure the bed extension is positioned at the correct length for the side rails that are being fitted (extended length or standard length side rails). Refer to INSTRUC/ SOLITE/PRO for details of how to adjust the integral bed extension on the Solite Pro. See INSTRUC/BED/EX for Alphalite and Bradshaw, and INSTRUC/CASA/ BED/EX for Casa Elite bed extension accessories and fitting.

Raise the bed to approximately the midpoint of its height range. Refer to the bed instructions for use for details of handset operation.

Wooden or metal side rails that mount to the bed using finger kits like the ones shown below are assembled to the bed in the same way. RAIL/M/KIT/D/S (Integral full length metal dipped rails in silver) is used for illustrative purposes in conjunction with the home care variant Casa Elite. Bed and rail type may vary.



If there is any doubt about the assembly of the side rails contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted side rails can lead to death.

Note: if the side rail blocks are already located inside the side rail channels, remove the blocks from just one end of the bed, then proceed to assembly stage 4 below.

 Unscrew the thumb wheels located at the bottom of each side rail channel.



5.1 Thumb wheel removed

 Insert the top side rail block into one of the side rail channels until it latches in the lowest position; note the correct orientation of the block (release latch to top).



2. Clip the side rail wire over the top side rail block, identified by the metal release latch at one end.



5.2 Top side rail block and wire assembly

4. Slide the top side rail, identified by a bent bar, over the fingers in the top side rail block. This must be oriented so the <u>bent bar is at the top</u>, otherwise assembly will not be possible.



5.3 Top side rail block latched

7

^{5.4} Top side rail inserted

 Connect another side rail wire and top side 6. rail block together as described in step 2, and insert the fingers into the vacant end of the top side rail. Lift this top side rail block into the channel until it latches in place.



 $5.5\, Top\, side\, rail\, assembled$

 Slide the bottom side rail, identified by two 8. parallel bars and a diagonal support, over the fingers in the bottom side rail block. This side rail must be oriented with the holes facing downwards. Raise the side rail so it latches in place at one end.



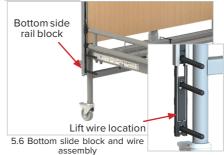
5.7 Bottom side rail inserted

9. Reinsert the thumb-wheels into the bottom of each side rail channel to secure the channels in place.



5.9 Thumb wheel re-inserted

Release the latch on one of the top side rail blocks and steadily lower to allow sufficient space for the bottom side rail block to clip over the lift wire. It is essential that the lift wire is clipped into the bottom side rail block in the correct location.



Repeat for the other end of the bottom side rail.



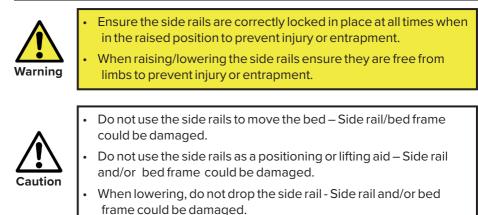
5.8 Side rail raised

 Repeat the process for the other side of the bed. Check the side rails operate correctly to confirm that they are correctly assembled.



5.10 Side rails fitted

6. OPERATING THE SIDE RAILS



Refer to the bed's instructions for use document for details of side rail operation and compatibility with other bed accessories and mattresses.

7. FITTING THE SIDE RAIL HEIGHT EXTENSIONS (METAL)

The side rail height extensions are designed to fit the standard length integral metal side rails (RAIL/M/KIT/D/COLOUR), and the extended length integral metal side rails (RAIL/M/KIT/D/EX/COLOUR).

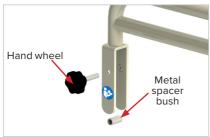
Prior to fitting the side rail height extensions, ensure the bed is fully assembled, with both side rails correctly fitted and in the raised position. Refer to sections 5 and 6 for details of how to fit and operate the side rails.

Note: The height extension is not compatible with non-dipped side rails.



If there is any doubt about the assembly or suitability of the side rails or height extensions contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted side rails and height extensions can lead to death.

 Remove the two hand wheels from one of the extensions, releasing the metal spacer bushes from the extension.



7.1 Hand wheel and metal spacer bush removal

3. With the height extension sat on top of the side rail, ensure that it is placed with the head end bracket positioned between the headboard and the first vertical tube of the side rail.

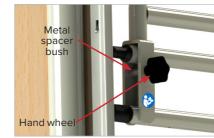
7.3 Height extension position on side rail

2. The two height extensions are handed. When the height extensions are placed correctly on the side rails, the warning labels will face outwards, away from the bed.



7.2 Warning label position

4. Reattach the 2 hand wheels and 2 spacer bushes to secure the height extension in place. Ensure the hand-wheels are tight, there is to be no free movement of the height extension. Repeat the process for the remaining side rail height extension.



7.4 Securing height extension to side rail



Headboard

Bracket

If positioned incorrectly an unsafe gap could be created. It is recommended that the side rail height extensions are removed from the bed prior to removing the patient from the bed.

tical

tube

8. FITTING THE SIDE RAIL HEIGHT EXTENSIONS (METAL WITH REMOVABLE FOOT ENDS)

The side rail height extensions (with removable foot ends) are designed to fit the standard length integral metal side rails (RAIL/M/KIT/D/COLOUR), and the extended length integral metal side rails (RAIL/M/KIT/D/EX/COLOUR).

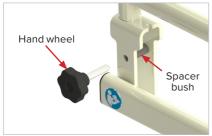
Prior to fitting the side rail height extensions, ensure the bed is fully assembled, with both side rails correctly fitted and in the raised position. Refer to sections 5 and 6 for details of how to fit and operate the side rails.

Note: The height extension is not compatible with non-dipped side rails.



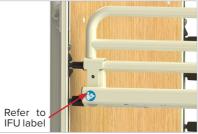
If there is any doubt about the assembly or suitability of the side rails or height extensions contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted side rails and height extensions can lead to death.

1. Remove the two hand wheels from one of the extensions, releasing the spacer bushes from the extension.



8.1 Hand wheel and metal spacer bush removal

 With the height extension sat on top of the side rail, ensure that it is placed with the head end bracket positioned between the headboard and the first vertical tube of the side rail. 2. The two height extensions are handed. When the height extensions are placed correctly on the side rails, the refer to IFU labels and hand wheels will face outwards, away from the bed.



8.2 Hand wheel and label position

4. Reattach the 2 hand wheels and 2 spacer bushes to secure the height extension in place. Ensure the hand-wheels are tight, there is to be no free movement of the height extension. Repeat the process for the remaining side rail height extension.



9. OPERATING THE SIDE RAIL HEIGHT EXTENSIONS (METAL WITH REMOVABLE FOOT ENDS)

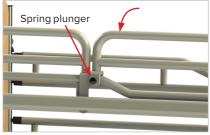
The foot end of the side rail height extensions can be removed to ease patient ingress and egress from the bed.

1. To release the foot end, pull the spring plungers at each end and lift it away from the side rail height extension.



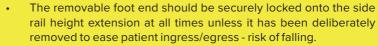
9.1 Releasing the removable foot end

To refit the foot end, slide it over the receiving brackets on the side rail until the spring plungers click into place, locking it into position.



^{9.2} Refitting the removable foot end

After refitting the removable section gently pull upwards on the removable section to ensure the locking pins are fully engaged, and there is no risk of the section detaching inadvertently.



- Ensure that the removable foot end is fitted in the correct orientation so that the plunger pins are located in the holes, locking it in to place.
- Do not leave the side rails lowered at one end with the height extensions fitted risk of head/neck entrapment.



10. FITTING THE SIDE RAIL HEIGHT EXTENSIONS (WOODEN INTEGRAL)

Note: Wooden side rail accessories are only recommended for use with the Bradshaw and Casa Elite ranges of beds. The Bradshaw standard height light oak variant is used below for demonstrative purposes only. Bed type may vary.



If there is any doubt about the assembly or suitability of the side rails or height extensions contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted side rails and height extensions can lead to death.

 Unscrew the cap head screws located at the bottom of each side rail channel.



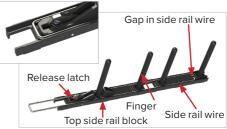
10.1 Cap head screw removed

 Insert the top side rail block into one of the side rail channels until it latches in the lowest position; note the correct orientation of the block (release latch to top).



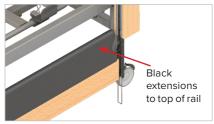
10.3 Top side rail block latched

2. Clip the side rail wire over the top side rail block, identified by the metal release latch at one end.



10.2 Top side rail slider block

4. Slide the top side rail, <u>identified as the larger</u> <u>side rail with black extensions</u>, over the fingers in the top side rail block. This must be oriented so the <u>black parts are on top of the</u> <u>rail</u>, otherwise assembly will not be possible.



10.4 Height extended side rail inserted

 Connect another side rail wire and top side rail block together as described in step 2, and insert the fingers into the vacant end of the top side rail. Lift this top side rail block into the channel until it latches in place.



10.5 Height extended side rail assembled

 Slide the bottom side rail, <u>identified as</u> <u>a straight wooden rail with bumpers at</u> <u>both ends</u>, over the fingers in the bottom side rail block. Raise the side rail so it latches in place at one end.



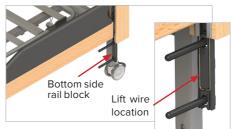
10.7 Bottom side rail assembled

9. Reinsert the cap head screws into the bottom of each side rail channel to secure the channels in place.



10.7 Cap head screw replaced

 Release the latch on one of the top side rail blocks and steadily lower to allow sufficient space for the bottom side rail block to clip over the lift wire. It is essential that the lift wire is clipped into the bottom side rail block in the correct location.



10.6 Bottom slide block and wire assembly

8. Repeat for the other end of the bottom side rail.



10.6 Bottom side rail assembled

 Repeat the process for the other side of the bed. Check the side rails operate correctly to confirm that they are correctly assembled.

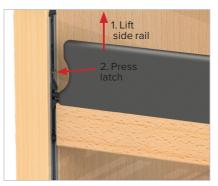


10.8 Assembly complete

11. OPERATING THE SIDE RAIL HEIGHT EXTENSIONS (WOODEN INTEGRAL)



11.1 Height extended side rails raised



11.2 Operating the side rails



Once latch has been depressed and the side rail unlocked from bed end channel, continue to support the weight of the side rail with another hand and remove finger from area surrounding latch before lowering the side rail.



11.3 Height extended side rails lowered

12. MAINTENANCE

Drive DeVilbiss Healthcare Ltd. recommends that the carer performs frequent visual and operational inspections. If there are any signs of damage, missing parts, or the side rails or height extensions are not performing as they should withdraw them from service until they have been repaired and are fit for use again.

Periodically check to ensure that:

- The side rails raise and lower smoothly.
- The locks on the side rails automatically engage when the side rails are raised.
- The metal side rail height extension is correctly positioned and hand wheels are tight.
- The removable foot end of the metal height extension automatically locks in place at both ends when fitted over the fixed head end section.
- The product operates as per its intended purpose.
- The plastic mouldings are mechanically sound, no sign of cracking or damage.
- The metal fabrications are mechanically sound, no sign of cracked weld or paint, or deformation.
- Wooden rails show no cracks or signs of splitting.
- No parts show signs of excessive wear.
- If any gaps appear to be outside of specification remove the bed from use until the dimension of the gap in question has been confirmed and rectified where appropriate. Ensure the side rails and height extensions are complete, missing parts should be replaced before the side rails or height extensions are used.
- The product is cleaned following the guidelines in these instructions for use.

13. CLEANING

It is advisable to remove the side rails and height extensions from the bed prior to cleaning.

- Wipe down with a disposable soft cloth moistened with a mild detergent and diluted in warm water (40°C).
- Rinse with cold, clean water and a clean cloth, and allow to fully dry before use.

If the product becomes soiled and the need to thoroughly disinfect is required, please refer to the bed's instructions for use for full decontamination detail. Alternatively, contact Drive DeVilbiss Healthcare Ltd. using the contact details provided.

14. SPECIFICATION

NOTE: When ordering accessories please state the colour code in place of COLOUR. **METAL SIDE RAIL ACCESSORIES***:

	Standard Length Integral Dipped Metal Side Rails (+finger kits)*	Extended Length Integral Dipped Metal Side Rails (+finger kits)*	Standard Length Integral Non-Dipped Metal Side Rails (+finger kits)*	Extended Length Integral Non-Dipped Metal Side Rails (+finger kits)*	
Product Code	RAIL/M/D/ <mark>S</mark> RAIL/M/KIT/D/M	RAIL/M/D/EX/ <mark>S</mark> RAIL/M/KIT/D/ EX/ <mark>M</mark>	RAIL/M/ND/ <mark>S</mark> RAIL/M/KIT/ ND/ <mark>M</mark>	RAIL/M/ND/EX/S RAIL/M/KIT/ND/ EX/M	
Overall Length	1997mm	2162mm	1997mm	2162mm	
Overall height	110mm	110mm (top) 120mm (bottom)	110mm	120mm	
Overall depth	25mm				
Product Weight	3.5kg × 4 rails	4.0kg × 4 rails	3.5kg × 4 rails	4.0kg × 4 rails	
Height above mattress platform (raised)	377mm				
Height above mattress platform (lowered)	112mm				
Height of dipped section above mattress platform (raised)	335mm				
Height of dipped section above mattress platform (lowered)	70mm		N/A		

	Metal Side Rail Height Extension	Metal Side Rail Height Extension (with removable foot end)	
Product Code	RAIL/M/HEX/COLOUR	RAIL/M/HEX/RF/COLOUR	
Overall Length	1625mm 1653mm		
Overall height	227mm	242mm	
Overall depth	65mm		
Product Weight	3.5kg × 2 rails	6.7kg × 2 rails	
Height above mattress platform (raised)	492mm	508mm	
Height above mattress platform (lowered)	277mm	243mm	
Height of dipped section above mattress platform (raised)	450mm	N/A - Foot end removable	
Height of dipped section above mattress platform (lowered)	185mm		

* Metal side rail accessories are available in the following choice of colours:

Magnolia (M), Silver (S)

WOODEN SIDE RAIL ACCESSORIES*:

	Standard Length	Extended Length	Height Extended
	Integral Wooden Side	Integral Wooden Side	Integral Wooden
	Rails (no finger kits)*	Rails (no finger kits)*	Side Rails**
Product Code	RAIL/W/COLOUR	RAIL/W/EX/COLOUR	RAIL/W/HE/EX/
			COLOUR
Overall Length	1999mm (top & bottom)	2164mm (top & bottom)	1985mm
Overall height	110.5	208.8mm	
Overall depth			
Product Weight	5.0kg	6.0kg	6.5kg
Height above mattress	276	474mm (rail top)	
platform (raised)	376	351mm (egress dip)	
Height above mattress	113r	211mm (rail top)	
platform (lowered)	1131	88mm (egress dip)	

* Integral wooden side rail accessories are available in the following choice of colours:

Ash (ASH), Beech (BECH), Elm (ELM), Light Oak (LOAK), Walnut (WALN)

** Height extended integral wooden side rails are intended to be purchased as an accessory for community beds that are already fitted with wooden side rails. Only the top side rails will be replaced when purchasing RAIL/W/HE/EX.

15. WARRANTY

Drive DeVilbiss Healthcare Ltd. warrants that this product will perform in accordance with its specification and will remain free from defects in material and workmanship when used under normal conditions for a period of 1 year (full parts and labour) from the date of purchase from Drive DeVilbiss Healthcare Ltd. and its subsidiary companies. If purchased from an authorised dealer or international distributor, the product is warranted for 1 year parts only.

DRIVE DEVILBISS HEALTHCARE LTD. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. IN NO EVENT WILL DRIVE DEVILBISS HEALTHCARE LTD. BE LIABLE FOR PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES, OR FOR AN AMOUNT IN EXCESS OF THE PURCHASE PRICE OF THE DEFECTIVE DRIVE DEVILBISS HEALTHCARE LTD. PRODUCT OR PRODUCTS.

This limited warranty of up to 1 year gives you specific legal rights and you may also have other rights.

Drive DeVilbiss Healthcare Ltd. has a policy of continual product improvement and reserves the right to amend specifications covered in this document.

Please contact Drive DeVilbiss Healthcare Ltd. for complete warranty information.

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Side Rail Community Design Registration Number: 002742254



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ORIGINAL INSTRUCTIONS INSTRUC/RAIL/KIT, 2023/12 rev3