

# Blue Wave Bathing System

E541, E542, & E543 Product Manual



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## IMPORTANT

Please save this product manual for future reference. Additional copies are available at [www.rifton.com](http://www.rifton.com)

## Key for users

Use this key to determine which sections of this product manual apply to you.



**Technical Users** For professionals who order and set up Rifton products.



**Home Users** For care-givers who use Rifton products on a regular basis.



**Maintenance Personnel** For anyone who is responsible for service or re-ordering of Rifton products and parts.

## **WARNING**



- Thoroughly read and understand the information in this product manual before attempting to use this product. If the procedures and instructions in this product manual are not followed, serious injury or death could occur.
- A qualified professional must assess the appropriateness and safety of all equipment for each user.
- This product is intended for use by clients of unreliable judgment. Adult supervision is required at all times.
- To prevent falls and injuries:
  - Do not use this product on rough and uneven terrain, around swimming pools, or near stairways.
  - Ensure the appropriate use of straps and supports at all times. Straps and supports are provided for the safety of the user and must be carefully adjusted for comfort and security.
  - Tighten all adjustment knobs before use and immediately after making any adjustments.
- Do not use this product for clients outside the height and weight limits specified in this manual.
- To prevent pinching or crushing, ensure that all hands and feet are clear of moving parts during adjustment.
- To prevent structural failure, which may result in serious injury or death:
  - Inspect this product and accessories regularly for loose or missing screws, metal fatigue, cracks, broken welds, missing attachments, general instability or other signs of excessive wear.
  - Immediately remove this product from use when any condition develops that might make operation unsafe.
  - Do not use Rifton components or products for any purpose other than their intended use.

## Recommended use

The Blue Wave bathing system is a Class 1 medical device. The basic bath chair, with the optional tub stand or rolling shower stand, provides a stable, quick-drying seat for bathing. It provides safety and comfort for both bather and caregiver. Two types of fabric, either standard or soft, are available to meet the needs of different clients.

## User and item dimensions

User dimensions – inches (cm)	small	medium	large
Height	up to 36 (91)	32-50 (81-127)	46-68 (117-173)



### Key user dimension: height

Select the appropriate bath chair by the user's overall height. Choose the size that allows for growth.

**Important:** Make sure that seat depth, width, and back height are adequate. The user's weight must not exceed the maximum working load.

Item dimensions – inches (cm)	small	medium	large
Seat depth	13 (33)	13 (33)	16½ (42)
Seat width	14½ (37)	14½ (37)	14½ (37)
Back height	18 (46)	25 (64)	32 (81)
Seat height	2-7 (5-18)	2-7 (5-18)	2-7 (5-18)
Seat height (incl. tub stand)	11-17 (28-43)	11-17 (28-43)	11-17 (28-43)
Seat height (incl. shower stand)	28 (71)	28 (71)	28 (71)
Length of mesh area when flat	32½ (83)	38½ (98)	49½ (126)
Width of base	17 (43)	17 (43)	17 (43)
Length of base when flat	30 (76)	30 (76)	30 (76)
Tub stand height	10 (25)	10 (25)	10 (25)
Tub stand length	32 (81)	32 (81)	32 (81)
Tub stand width	17 (43)	17 (43)	17 (43)
Shower stand height	21 (53)	21 (53)	21 (53)
Shower stand width	27 (69)	27 (69)	27 (69)
Shower stand length	33 (84)	33 (84)	33 (84)
Max. working load - Lbs. (kg)	60 (27)	120 (54)	160 (73)
Back and seat angle adjustments	0°, 22°, 45°, 67°, and 90°		

## Check your order

Your Blue Wave bath chair, tub stand, or shower stand comes completely assembled. The chair ships with the legs in the collapsed position and the headblocks attached underneath. Reposition before use.

**If your shipment is incomplete or in any way damaged on arrival, please call Customer Service, 800.571.8198.**

## Basic components

The Blue Wave bath chair comes in small, medium, and large sizes. It can be used with or without a stand. Standard or soft fabric is available for all sizes.

### Legs

The bath chair legs adjust to raise or lower the chair by 7" (18 cm).

To raise or lower the chair (see Figure 6a):

1. Pull crossbar outward.
2. Rotate legs up or down.
3. Push crossbar in to engage.

The bath chair folds flat for storage (see Figure 6b).

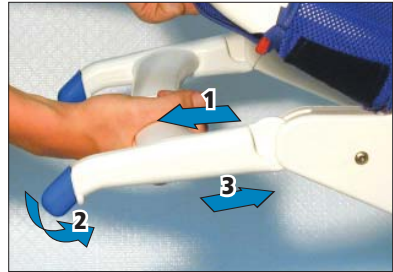


Figure 6a



Figure 6b

## Seat and back

The seat and back adjust in 22° increments to accommodate a variety of users. To adjust the seat (see Figure 7a):

1. Pull red triggers on both side of the frame.
2. Rotate seat and/or back to appropriate position.
3. Release the triggers.



Figure 7a

## Head blocks

Slide the head blocks in and out on the strap to adjust spacing. They can also be positioned at any height using the hook and loop fasteners at the back (see Figure 7b).



Figure 7b

## Covers

### Standard fabric

The vinyl-covered polyester mesh provides a taut, firm surface that dries quickly (see Figure 8a).

### Chest straps

The standard fabric cover comes with one chest strap, which may be used to position and support the user. Additional straps may be ordered if needed. (see Figure 8b).

### Leg straps

Fasten the leg straps to support the user's legs. Leg straps can be used for abduction by wrapping ends of straps underneath seat (see Figure 8c).

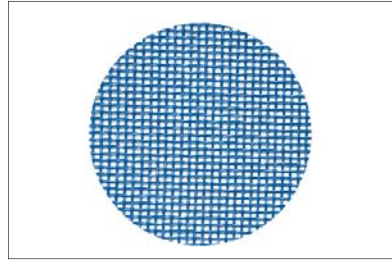


Figure 8a



Figure 8b



Figure 8c



**Soft fabric**

The soft polyester-knit is suitable for younger clients, or for clients with sensitive skin (see Figure 9a).

**Chest strap**

The soft fabric cover has a polyester knit chest strap providing a comfortable 'hug' for secure lateral positioning. Extra padding between fabric and frame softens surface contact.

Attach the chest strap (see Figure 9b). The inside strap goes around the chair and is attached with hook and loop fasteners. The outer strap goes around the user's chest, and side straps provide additional lateral support (see Figure 9c).

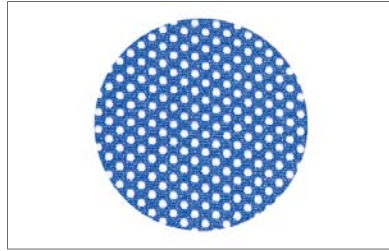


Figure 9a



Figure 9b



Figure 9c

**Leg straps**

The leg straps thread through loops in the cover and can be adjusted around the user's legs (see Figure 10a and 10b).

All straps can be removed. Adjustments can be made with user in chair.



Figure 10a



Figure 10b

## Accessories

**▲WARNING** To prevent falls, make sure all four chair legs are firmly latched in the sockets on the stand before using the tub stand or shower stand.

### Blue Wave tub stand

The Blue Wave tub stand (see Figure 11a) raises the chair to a working height of 9" (23 cm), for the caregiver (see Figure 11b). Small, medium, and large bath chairs fit on the same stand.

To install the chair on the tub stand:

1. Put the legs in the down position.
2. Insert into sockets.
3. Press down firmly until the red levers click into place.

To release (see Figure 11c):

1. Press down on each red lever and
2. Pull up to release each leg.

**NOTICE** The tub stand is not sized to fit onto the shower stand or another tub stand.



Figure 11a



Figure 11b

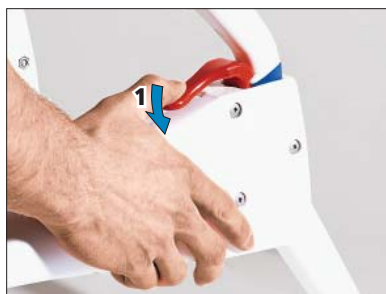


Figure 11c

## Blue Wave shower stand

**⚠ WARNING** To prevent falls, lock the four casters on the shower stand during use.

The Blue Wave shower stand (see Figure 12a) puts the bath chair on wheels (see Figure 12b), at standing height for the caregiver. All three sizes of bath chair fit on the same stand.

To install the chair on the shower stand:

1. Put the bath chair legs in the down position.
2. Insert into the sockets.
3. Press down firmly until the red levers click into place.

To release (see Figure 11c):

1. Press down on each red lever and
2. Pull up to release each leg.

### Conversion kit

The tool-free conversion kit converts the Blue Wave chair to a larger size: the small chair to medium or the medium chair to large. Call Customer Service to order.



Figure 12a



Figure 12b

## Operation

The Rifton Blue Wave bath chair is intended for use in a bathtub or shower. Its adjustability and accessories enable bathing for clients with a wide range of disabilities. The seat and backrest are angle adjustable to accommodate positioning needs. Head blocks, chest straps and leg straps are designed for the safety of the client and must be carefully adjusted for comfort and security. The frame legs can be placed securely in two positions to raise or lower the bath chair prior to use. Frame legs are inserted into sockets when the bath chair is positioned onto the tub or shower stand prior to use. The optional tub stand is designed to raise bath chair height for an improved working position of the caregiver. The optional shower stand places the bath chair on wheels at standing height for the caregiver, for use in a shower. (See pp 6–12 for detailed instructions on product adjustments.)

## Maintenance

This product is designed and tested for an expected life of 5 years when used and maintained in accordance with this manual. At all times, users must ensure that the product remains in a safe and useable condition, including regular maintenance and inspections as specified in this manual.

To prevent structural failure, which may result in serious injury or death:

- Inspect this product and accessories regularly for loose or missing screws, metal fatigue, cracks, broken welds, missing attachments, general instability or other signs of excessive wear.
- Immediately remove this product from use when any condition develops that might make operation unsafe.
- Do not use Rifton components or products for any purpose other than their intended use.
- Replace or repair components or products that are damaged or appear to be unstable.
- Use only Rifton authorized replacement parts. Order information for replacement parts is provided on the back of this product manual.

## Cleaning

The Rifton Blue Wave bathing system is designed for easy cleaning.

Remove the bath chair cover by rotating both the seat and back to the vertical position and pulling cover from frame, seat-first (see Figure 14a).

Fabric parts should be washed and dried at a warm (100°F/40°C) setting. Use mild detergent. Rinse well. Disinfect frame and fabric with a commercial disinfectant, or a solution of up to 10% bleach. Rinse well.

The straps with hook and loop closures may be laundered. Engage the closures before washing. Do not iron.

Excessive use of bleach and high temperatures may damage the fabric. Do not iron.

Tub stand, shower stand and frame parts may be cleaned using normal cleaning products. Casters will give the best performance if cleaned regularly by spraying from underneath with a high-pressure water hose. Do not use chemicals or lubricants.



Figure 14a

## Warranty Statement


If a Rifton product breaks or fails in service during the first year, we will replace it free of charge.

## Materials

- Steel hardware items (nuts, bolts, screws, etc) are stainless steel.
- Upholstery items are reinforced vinyl (standard fabric) or polyester knit (soft fabric). Soft fabric is cushioned with polyester spacer fabric.
- Straps are typically made of polypropylene or nylon webbing.
- Plastic components are typically injection molded from a variety of industrial resins.

All materials are latex, lead and phthalates free.

## User modifications

** WARNING** To prevent serious injury or death, do not modify or alter Rifton products or components, or use Rifton products or components in conjunction with products from other manufacturers. Rifton does not accept responsibility for any modifications or alterations made to our components or products after they leave our premises. Customers modifying or altering our components or products, or using them in conjunction with products from other manufacturers, do so at their own risk.

# Rifton Contact Information



## Email

[Sales@Rifton.com](mailto:Sales@Rifton.com)



## Phone

**800.571.8198**  
9–5 EST



## Mail

Rifton Equipment  
PO Box 260  
Rifton NY 12471–0260



## Fax

**800.865.4674**



## Online

[www.Rifton.com](http://www.Rifton.com)

## To order replacement parts

1. **Locate the ID number** of the product on the small white label.
2. Have this number available when you call **800.571.8198** for your customer service representative.

### **Use only replacement parts supplied by Rifton Equipment.**

We are glad to supply replacement parts. Although Rifton makes every effort to supply correct parts and instructions for repairing or refurbishing your equipment, you are responsible to make sure that the repairs or modifications are correctly and safely completed.



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