

# Blue Wave Bathing System

E541, E542, & E543 Product Manual






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## Key for EU 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 caregivers who use Rifton products on a regular basis.
-  **Maintenance Personnel** For anyone who is responsible for service or reordering of Rifton products and parts.

## **WARNINGS**

- 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 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.
- Do not use this product on rough and uneven terrain, around swimming pools, or near stairways.
- All mobility equipment may become unstable when used improperly.
- Straps and supports are provided for the safety of the user and must be carefully adjusted for comfort and security. The use of straps and supports must be supervised at all times.
- Restraints – Using straps, trays or supports to restrict a client’s movement is considered behavioral restraint, which may raise ethical and legal issues for your facility. Rifton Equipment is not intended for this use.
- Keep user’s hands clear of moving parts during adjustments.

## **IMPORTANT**

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

## Recommended use

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

## 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.**

# 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°		

## Basic frame

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 7a):

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 7b).

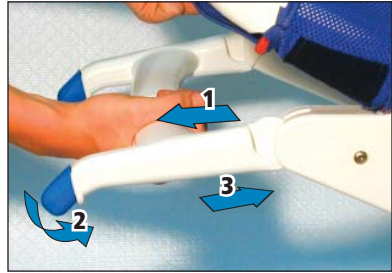


Figure 7a



Figure 7b

## Seat and back

The seat and back adjust in 22° increments to accommodate a variety of users. To adjust the seat (see Figure 8a):

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



Figure 8a

## 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 8b).



Figure 8b



## Covers

### Standard fabric

The vinyl-covered polyester mesh provides a taut, firm surface that dries quickly (see Figure 9a).

### 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 9b).

### 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 9c).

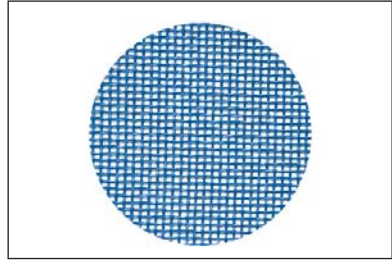


Figure 9a



Figure 9b



Figure 9c

## Soft fabric

The soft polyester-knit is suitable for younger clients, or for clients with sensitive skin (see Figure 10a).

## Chest strap

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

Attach the chest strap (see Figure 10b). 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 10c).

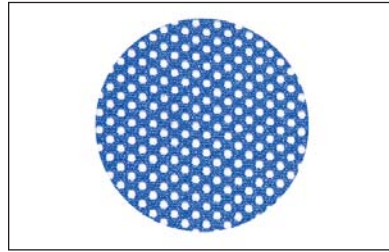


Figure 10a



Figure 10b



Figure 10c

### Leg straps

The leg straps thread through loops in the cover and can be adjusted around the user's legs (see Figure 11a and 11b).

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



Figure 11a



Figure 11b

# Accessories

**⚠ WARNING:** Before using the tub stand or shower stand, make sure all four chair legs are firmly latched in the sockets.

## Blue Wave tub stand

The Blue Wave tub stand (see Figure 12a) raises the chair to a working height (9" or 23 cm), for the caregiver (see Figure 12b). 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 12c):

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

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



Figure 12a



Figure 12b

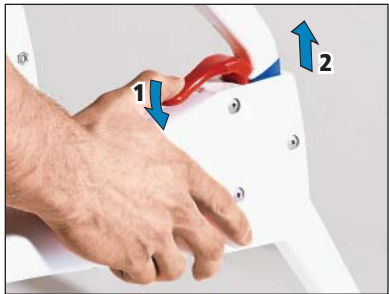


Figure 12c

## Blue Wave shower stand

The Blue Wave shower stand (see Figure 13a) puts the bath chair on wheels (see Figure 13b), at standing height for the caregiver. All three sizes of bath chair fit on the same stand.

To install the chair in the shower stand:

1. Put the 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 12c):

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

**⚠ CAUTION:** Lock the four casters on the shower stand during use.

## 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 13a



Figure 13b

## 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 the manual. To prevent structural failures and SERIOUS INJURIES, do not use Rifton components and products for any purpose other than for their intended use. Inspect Rifton components and products regularly for loose or missing screws or rivets, metal fatigue, cracks, broken welds, missing attachments, loose staples and general instability. Immediately remove from use when any condition develops that might make operation unsafe. 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 vertical position and pulling cover from frame, seat-first (see Figure 14).

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 14

## Materials

- Steel hardware items (nuts, bolts, screws, etc) are typically zinc or nickel plated, or stainless steel.
- Upholstery items (pads, support blocks, padded prompts, covers, etc) are typically fire-retardant polyurethane foam with a fire-retardant cover made from expanded vinyl or polyester knit mesh fabric.
- Frames are typically steel or aluminum tubing, welded together, and coated with a baked-on paint finish. Some frame components may also be stainless steel.
- Tires are tubeless, filled with polyurethane foam, and do not require inflation.
- Straps are typically made of polypropylene or nylon webbing.
- Wooden components are typically birch plywood, solid maple, or laminated hardwood veneers, finished with a clear polyurethane lacquer.
- Tabletops are typically high-pressure laminate (Formica).
- Plastic components are typically injection molded from a variety of industrial resins.

All materials are latex, lead and phthalates free.

## User modifications

CAUTION: Rifton Equipment cannot 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 since we are unable to validate the safety and efficacy of the modified or altered product. The modification or alteration of our components and products, or the use of our components or products in conjunction with products from other manufacturers, may make the components and products unsafe, which could result in SERIOUS INJURIES.

## Warranty Statement

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

# 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 serial 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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