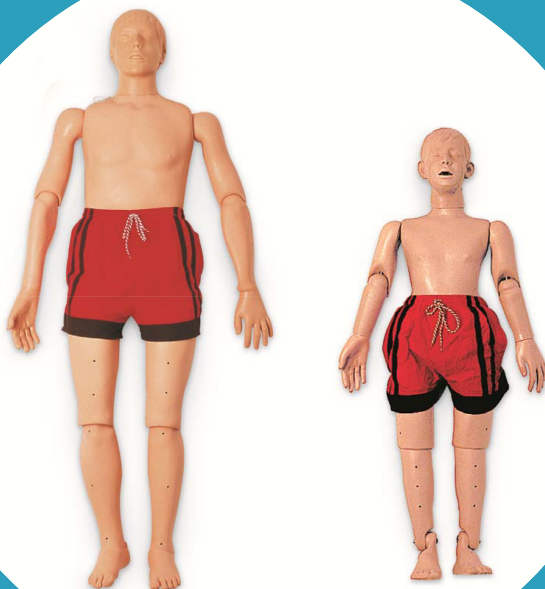


INSTRUCTION MANUAL

# CPR Water Rescue Manikin Adult and Adolescent

149-1328, 149-1329



**3 Year Warranty**

*Nasco*  
HEALTHCARE

# About the Simulator

The Water Rescue manikin's skeleton consists of coated steel cable, fittings and hardware. The manikin is articulated, and can be used in various water lifesaving exercises including top and bottom rescue.

## **Adult**

- Manikin weight- approximately 40 lbs.
- Manikin submerged weight - approximately 105lbs.
- Can be additionally weighted to reach a submerged weight of 140lbs.

## **Adolescent**

- Manikin weight- approximately 20 lbs.
- Manikin submerged weight- approximately 50 lbs.

## **BASIC USE:**

### **Top Water Rescue:**

The manikin takes on weight by filling with water through the small holes in the legs and arms. The torso may be filled with water by opening the valve located on the shoulder. The manikin will sink to the mouth level when it is filled with water.

### **Bottom Water Rescue:**

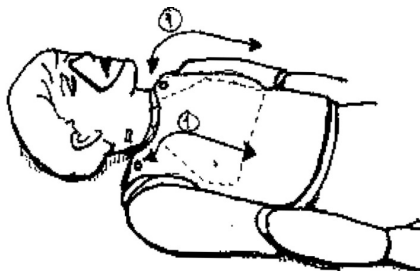
To fully submerge, remove the vinyl cover and plastic insert located in the abdomen. Add approximately 10 lbs. of weight (i.e., a brick) and replace the

plastic insert and vinyl cover. The manikin will now fully submerge.

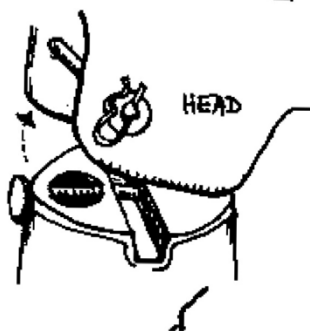
**Important:** It is strongly recommend that a flotation device and/or tether be affixed to the manikin in those situations where loss of manikin is possible.

## Airway Removal:

1. Unsnap the overlay at the shoulders and pull it down below the lung. It is not necessary to remove the overlay completely. Make sure the lung is free from the overlay and torso.



2. Remove the head from the manikin by pulling the retaining pin straight back from the rear of the manikin neck.



3. Remove the mouthpiece from the face and disinfect it.

4. Separate the airway valve system by grasping the clear valve in the mouth cutout area with one hand and the red, one-way valve inside the head with the other hand. A slight twisting motion will assist in pulling the valves apart.



5. Discard all of these airway parts, except the mouthpieces.

# About the Simulator

## Airway Installation:

1. Insert the single port side of the red valve into the back of the hole in the mouth cutout of the molded head.

2. Inside the mouth cutout, place the clear plastic valve over the protruding red valve port. Push the clear valve on firmly to hold the units in place.

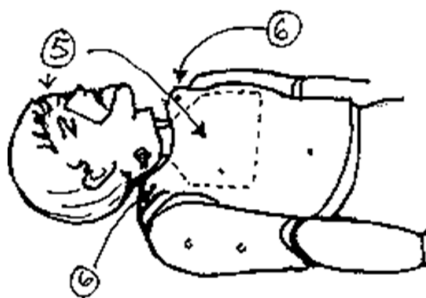
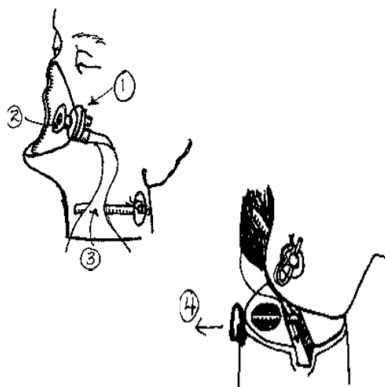
3. Position the lung airway between the neck pin and the front of the neck. Allow the lung to hang below the head.

4. Reattach the head to the manikin neck by pulling the retaining pin out from the back of the manikin neck and sliding the head down over the neck. The shaft through the head rests in the slot of the manikin neck. Release the neck pin to secure the head in place.

5. Tilt the head backward and drape the lung over the chest. Be sure that the airway is not twisted. It will cause an obstructed airway.

6. Replace the overlay and snap it down.

7. Install a disinfected mouth-piece in the head.



## STORAGE

Drain the water rescue manikin after each use. Repositioning of the extremities will allow the water to drain from the holes in the posterior aspects of the arms and legs while the manikin is lying on its back. To remove water from the chest cavity, open the shoulder valve minimally and position the manikin on a slant to facilitate drainage. Manikins should be stored in a cool, dry environment, lying flat in their storage containers. Do not store in temperatures above 80°F or below 60°F to avoid damage.

## WARRANTY

Nasco Healthcare warrants this product to be free from any defect in materials and/or workmanship for a period of three years from the date of purchase, as evidenced by the date of invoice when the product was shipped to the end user. This warranty expressly does not cover abuse, accidental or purposeful damage, or any form of modification to the product. We reserve the right to either repair or replace affected parts, or the entire unit, at our sole discretion, after investigating and reviewing the actual product and the damage. In most instances, a

digital photo of the product in question, showing the damage, will help qualify a product for return to the factory. No product will be accepted without proper return authorization issued by Nasco Healthcare.

Freight and Shipping charges are the sole responsibility of the end user. No product will be received with shipping charges due. Any product considered for warranty work must be identified by serial number and invoice number from the agency through whom the product was purchased. Without this information the product will not receive a return authorization number as required.

**Do not allow print material to come in contact with the skin of your product.**

The ink will embed in the porous surface and impossible to remove. Ink stains are not covered under warranty.

## RETURN POLICY

Should it be necessary to return an item for credit, or for any other reason, contact our Customer Service Department to obtain an RGA Number. Please refer to your invoice number when making your request for returning merchandise. Should you have any questions, or wish for

further information on any product we manufacture, Contact us at [info@nasco-healthcare.com](mailto:info@nasco-healthcare.com)

### **Replacement Parts**

<b>Item #</b>	<b>Description</b>
<b>1333</b>	Adult WRM Replacement Airways 24 Pack
<b>2023</b>	Adult WRM Mouth/Nose Replacement 10 Pack
<b>SA315</b>	Adult WRM Vinyl Abdomen Cover 1 Each
<b>2223</b>	Adolescent WRM Mouth/Nose Replacement 10 Pack
<b>2955</b>	Adolescent WRM Replacement Airways 24 Pack



**Nasco Healthcare**  
16 Simulaids Drive  
Saugerties, NY 12477  
1-833-NASCOHC (627-2642)  
[info@nascohealthcare.com](mailto:info@nascohealthcare.com)  
[www.nascohealthcare.com](http://www.nascohealthcare.com)