

DACON RESCUE DUMMY

User Manual

PREPARATIONS:

- The Dacon Rescue Dummy is shipped fully assembled, coverall not fitted, ready for water filling
- Head, arms and legs are designed to be permanently filled with water
- The chest cavity has two large valves for quick filling and draining
- For maximum weight and a natural floating position the Dummy should be completely filled with water
- The Rescue Dummy is fitted with inherent foam flotation and will not sink, even if punctured
- Antifreeze for frost protection may be added to the head, arms and legs if required. The body may be drained before storage in freezing conditions
- A water filling tool which fits the small valves in the head, arms and legs provided

Filling of head, arms and legs:

Each chamber should be firm, but not expanded

1. Each individual chamber is fitted with a valve, sealed with a threaded needle cap
2. Fill each chamber using the filling tool provided.
If required for frost protection, first fill about 25% of the volume with glycol concentrate using an oil pump, squeeze bottle or similar.
3. Fill until firm, alternately squeezing and topping up to let out as much air as possible.
4. When full and firm, quickly seal with the needle cap and tighten moderately only. Do not use force.
5. Please note: When filling the head, an air pocket of about 25% of the volume will provide for a more natural floating position in the water. However, this is not critical for use or for the overall buoyancy.

Fitting the coverall:

Please fit the coverall before filling the chest cavity with water

Filling the chest cavity:

1. The body has two large valves on the front for quick filling and draining. The upper valve has a return valve fitted. Adjust the return valve between open and closed position by pushing and twisting the centre pin of the valve. Leave closed for topping up.
2. Remove both caps and fill using a hose until it overflows.
3. Cap the lower valve and top by sealing the water hose against the upper valve. Bleed off any significant air pockets by pressing down the return valve while directing the air pockets toward the valve. When correctly filled, the body should be firm, but not hard, and with only small pockets of air.
4. Tighten caps moderately only.

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Draining:

Chest Cavity: For draining, simply remove both caps and turn the Dummy over or suspend from the neck fitting.

The head, arms and legs are designed to be permanently water filled. If required they may however be drained by removing the needle caps, squeezing out the water.

CONTROLLING FLOATING POSITIONS:

The supplied PVC coverall is fitted with lead weights which slide in sealed in channels from under the arms to the lower leg.

Horizontal floating position:

Slide the lead weights on both sides to the upper position and secure with the locking strap.

Vertical floating position:

Slide the lead weights on both sides to the lower position and secure with the locking strap.

Caution

For personal protection, the Dacon Dummy must only be used when fitted with the original Dacon PVC coverall. The coverall must be replaced if damaged.

REPAIR AND MAINTENANCE:

The material used is extremely wear resistant and will withstand any normal use. Small cuts through the PVC skin may however be easily repaired with PVC glue. All parts are individually replaceable if major damage should occur.

WEIGHTS:

Dry dummy with coverall:	24 kg
Storage weight / Head, arms and legs filled:	40-45 kg
All chambers completely filled:	85-90 kg