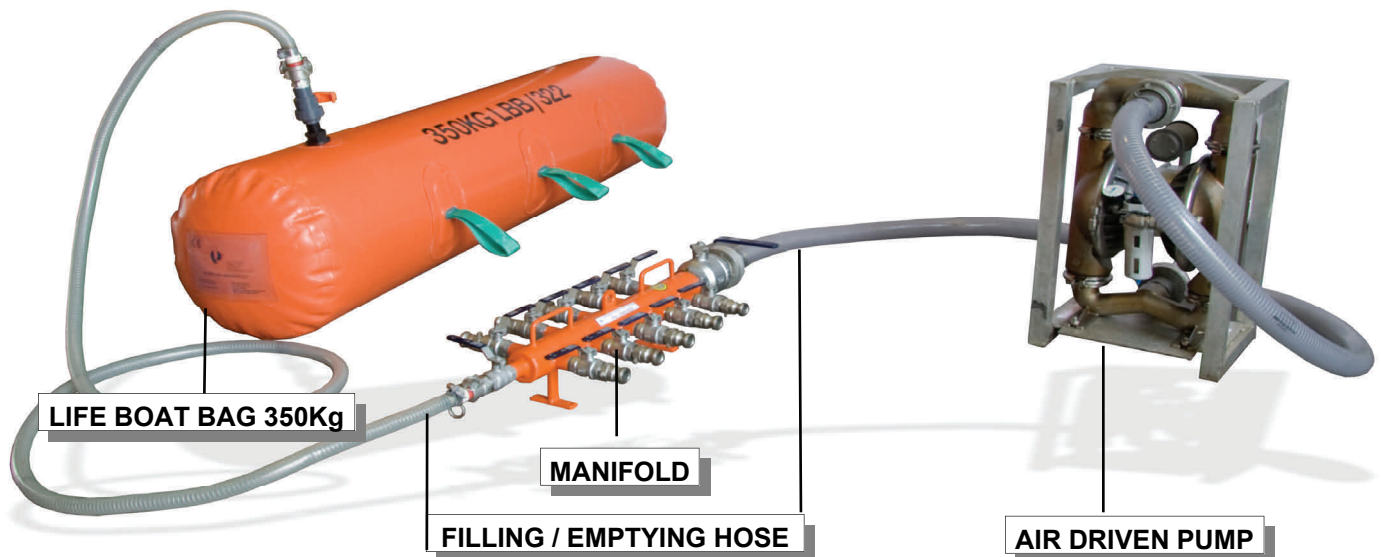




LIFE BOAT BAGS TEST SYSTEM (OPERATING INSTRUCTIONS)



The Life Boat Bag Test System has a capacity of 6.3 Metric Ton and is a safe and easy to use system for load testing of Life Boats. The system can also be used for the testing of Crew baskets, gangways or other lifting Equipment. The safety advantage of the system is that it eliminates the need of entering the Life Boat Capsule during an overload test.

THE SYSTEM CONTAINS:

1. 18. Life Boat Bags. Each bag can be filled up to a maximum of 350 Kg.
2. 10 Filling / Emptying hoses of 1" with Kamlock fittings.
3. 1 dump hose of 1" with Camlock fitting on one end
4. 1 Air driven pump MAXIMUM AIR PRESSURE 7 BAR (700 kPa / 101 psi)
5. 1 Manifold with 11 valves and Camlock fitting of 1" and one Storz fitting for water supply
6. 2 aluminium storage containers

OPERATING PROCEDURES

- 1.) The empty Test Bags will be placed inside the Life Boat with the valve in an up-right position. Make sure that the bags are laid on a flat surface preventing them from bending and that they have the room to expand to their maximum size when being filled. The bags shall be stored in such a way that the load will be equally distributed inside the Life Boat.



Please Note (PREVENT BAGS FROM MAKING CONTACT WITH SHARP ITEMS)**

- 2.) **Connect the hoses onto the manifold and the bags.
Make sure not to fill all the bags at the same time, but try to keep control over the bags when being filled.**

(the bags are not easy to move when they are filled).

The maximum capacity of each bag is reached when water (no Air) is coming out of the pressure relief valve. When water comes out, close the valve.

The bags are calibrated by the manufacturer and have a capacity of 350 litre each, with an tolerance of $\pm 1\%$

- 3.) **After the desired test weight is reached, close the valves on the bags and manifold. If the room is available, place the manifold connected with the hoses to the bags inside the Life Boat.**

The water supply hose can be disconnected from the manifold.

BE SURE THAT THE WATER SUPPLY VALVE IS CLOSED ON THE MANIFOLD

- 4.) **After completion of the Proofload test, connect a hose to the manifold and the other end of the hose to the intake of the Air Driven Pump.**

Connect the dump hose onto the outlet of the Air Driven Pump for dumping the water. Connect an air hose to the Air Driven Pump, open the valves on the manifold and bags and after opening the air supply valve on the Air Driven Pump, the Life Boat Bags will start dumping the water.

Note BE SURE THAT THE AIR PRESURE NEVER EXCEEDS 7 BAR (700kPa/101psi)**

- 5.) **When the bags are empty, roll the bags and put them together with the hoses in there storage containers.**

