

RAIN-ACTIVATED HATCH CLOSER

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- ? NO MORE WET BUNKS
- ? KEEP CABIN COOL WITHOUT RAIN DAMAGE
- ? REDUCE MILDEW
- ? VENTILATE YOUR BOAT BUT STAY DRY



HOW IT WORKS:

The Automatic Hatch Closer consists of a collapsible hatch support which employs an aspirin to hold it in the extended position. The support hooks over the hatch frame to keep it open. A neoprene O ring keeps tension on the aspirin so that within seconds of becoming wet the aspirin softens and allows the support to fold. The hatch then falls shut. NOTE: if the fixed and moving pads of your hatch do not have a frame then you might encounter difficulty in using this device.

APPLICATION:

The Automatic Hatch Closer will only work on hatches which can fall shut under gravity when the Hatch Closer releases due to moisture. Hatches with the coiled spring type support units work OK if the spring is already folded at the opening height of the Hatch Closer; otherwise they will have to have the support disconnected. Self supporting hatches with friction type hinges need to have the tension reduced if adjustable, or they may work with an added weight on top so that they will close when the support releases. Most hatches with a clamping screw-secured support rod only need the clamp left loose so the hatch will fall closed.

CONSTRUCTION:

The hatch arms are made of GE Lexan with a UV additive for maximum toughness and resistance to the elements. A ¼" stainless steel bolt and nut form the hinge pin. The neoprene O ring bands are specially selected for outdoor use. Normal rubber bands will only last a few days before deteriorating when exposed to the elements. Any generic aspirin can be used, however the coated type do not work. If you only have coated aspirin on board, the coating will have to be scraped off.

WARNING: the supplied aspirin have been packaged under uncontrolled conditions and are not to be taken internally.

SETTING:

Large, heavy hatches may need to use a whole aspirin, whereas smaller hatches release quicker with half an aspirin. An easy way to break the aspirin in half is to place it on a flat surface and then apply equal downward pressure on opposite edges with finger and thumb until it breaks.

Make sure both arms are dry and assemble them with the flat surfaces together using the bolt and nut. Leave the nut loose enough to keep the arms together but not tight enough to add any friction to the hinge. If the supplied rubber band is about 3" in diameter then double it over on

itself once to give two strands, otherwise use one strand. Hook it around the "fins" and straighten the arms out until the mouths line up. Insert the aspirin in the *outer end* of the slot and allow the rubber band to hold it in place.

Open the hatch and support it using the hatch closer, positioning it so the aspirin is outermost and exposed to any rain.

The tails are designed to hook over the edges of the hatch frame. It is important that the weight of the hatch be supported in the center between the tail fins so that it can fold without any resistance when it operates. If the weight is supported on the tip(s) of the tail fins, the arm may not be able to fold, and excessive force may cause the aspirin to break. If there is any possibility of damage or injury inside the boat due to the falling hatch closer, tie a string around one "tail" and secure it to a support so that it cannot fall on anything.

Unconditional lifetime warranty.

If your Hatch Closer fails for any reason at any time, return the faulty unit to Yandina Ltd., PO Box 1582, Beaufort, SC 29901 and include \$4.00 to cover priority mail of replacement.