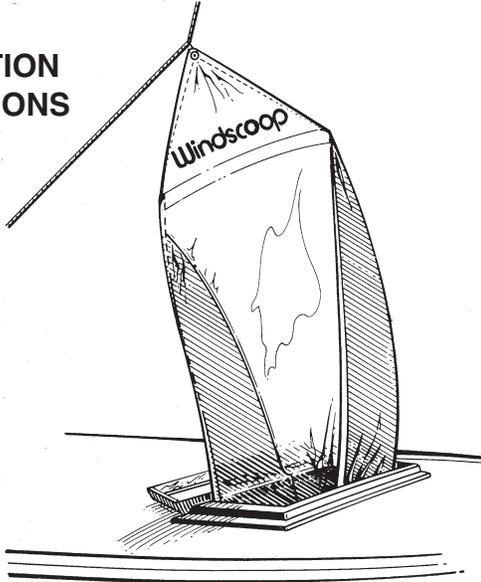


DAVIS 

WindscoopTM

Ventilating Sail #291

INSTALLATION INSTRUCTIONS



WindscoopTM is made from the finest quality sail cloths and other materials available. As with any sail, it **should be stowed when completely dry**. Failure to do so may result in mildew damage and/or dye transfer.

Caution: Line used to support the Windscoop should be lightly tensioned. Excessive tension will cause weakening of the grommets.

GENERAL ASSEMBLY

Attach each screw eye on the wood doweling to each of the outer grommets on the Windscoop sail. Using a pliers or similar tool, bend each screw eye over to hold grommets securely in place.

USING THE WINDSCOOP WITH SCREENS

If you intend to use screens with your Windscoop, there are two ways of doing so.

If your screen fits in the very bottom of your hatch:

1. Remove the sail from the screw eyes.
2. Remove the screw eyes from the doweling.
3. Carefully put the screw eyes through the screen and then retighten into the doweling.
4. Replace the Windscoop.

If your screen fits higher in your hatch:

1. Remove the sail from the screw eyes.
2. Take a piece of whipping twine and tie it to one of the sail's grommets.
3. Feed twine through the screen then tie onto the screw eye.
4. Repeat on the other side.

INSTALLATION ON A SAILBOAT

The Windscoop can be hung from a halyard, boom or roller furling sheet, or anything else that might be handy.

1. Unfurl the sail, then place the doweling through the hatch or companionway. If necessary, cut the wood doweling to a shorter length to clear any obstructions near the underside of your hatch. Be careful, however, not to cut it any shorter than the diagonal length of the hatch.
2. Attach the head of the Windscoop to a halyard and raise, or tie-off on a boom or roller furling sheet. If you tie-off onto a boom or sheet, tie the sail high enough so that the Davron tapes along each side are lightly tensioned.
Another suitable method—particularly effective on boats whose forward hatch is very far forward—is to run a piece of line from the forestay through the cringle (grommet) in the head of the Windscoop, and then tie it off around the mast.
3. If the wind is blowing consistently from one direction, the Windscoop should be raised so that the doweling is lightly tensioned against the underside of the hatch. If the wind is shifting, fly the Windscoop loose enough so the entire unit is able to turn as the the wind shifts. Any unpleasant noise can usually be stopped with a piece of adhesive tape wrapped around the doweling.
4. The Windscoop can usually be used in the rain by tying a separate piece of rope to the head of the sail, then pulling the head over enough to cover the hatch. Tie-off the rope to a stanchion, stay, etc.

INSTALLATION ON A POWERBOAT

The Windscoop can be installed on most powerboats, but the following additional hardware is required:

Aluminum tubing. 68" long x 7/8" outside diameter x .55" wall thickness (1.7 m x 2.2 cm x 1.4 cm). Aluminum tubing is available at most hardware stores.

Stanchion base fitting. Inside diameter 7/8" (2.2 cm).

Available at most marine chandleries. Or, as a less expensive substitute, galvanized floor flange for 3/4" (1.9 cm) pipe plus a copper male adapter, 3/4" x 3/4", to adapt copper tubing to pipe thread.

Mounting screws appropriate to attach stanchion base or floor flange to deck of boat.

How to install:

1. Attach stanchion base or floor flange to deck about 2" (5.1 cm) forward of the hatch opening. The stanchion can be mounted on any side of the hatch, but forward is preferable.
2. Drill 1/4" (6 mm) hole through aluminum tube about 1" (25 mm) from either end.
3. Insert aluminum pole (the end without hole) into the stanchion base. If using floor flange, screw copper adapter into flange and then insert aluminum pole.
4. Tie a piece of whipping twine or other small line to top grommet of Windscoop and then thread through the hole on the top of the aluminum pole. The Windscoop should be raised so that the dowel rests as snugly as possible against the underside of the hatch.
5. If necessary, cut the wood doweling to a shorter length to clear any obstructions near the underside of your hatch. Be careful, however, not to cut any shorter than the diagonal length of the hatch.

Replacement Parts R291B Nylon Storage Bag

Davis Instruments 3465 Diablo Ave., Hayward, CA 94545 U.S.A.

(510) 732-9229 info@davisnet.com www.davisnet.com

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