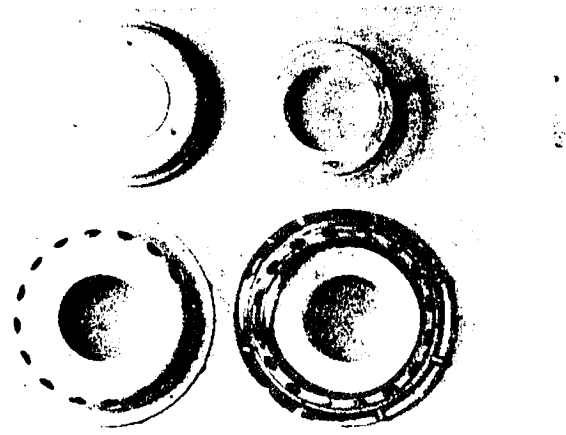
'VENTAIR' & 'VENTILITE' STATIC VENTILATORS
AND MOTORISED FAN VENTILATION SYSTEMS



- Patented, attractive, low profile ventilator. You can stand on it, avoids snagging, nothing to corrode or jam.
- Safe maximum ventilation at all times, waterproof except when submerged.
- Design widely acclaimed.
- The E.C.S. low profile ventilator giving natural illumination in those confined spaces.
- Easy to fit, full motorised kits for complete system gives full flexibility.
- Complete range. Competitive prices.

'Ventair' & 'Ventilite' Static Ventilators

For all time, from the moment they are fitted, E.C.S. ventilators provide free circulation of air, in fair weather or foul, without the need for adjustment. Maintenance is unnecessary because there are no moving parts. Provided that sufficient ventilators are fitted, condensation will not occur when a craft is unmanned for long periods, and as a result the risk of mould and dry rot is considerably reduced.

The 'VENTAIR' is made from high-impact white plastic which is virtually unbreakable; the 'VENTILITE' is of similar design but the material is clear plastic, to form a clearlight. The 'VENTAIR' and 'VENTILITE' are available in 'DE-LUXE' form. This comprises a metal outer cover which fits over the standard model. There is also a choice of finish – polished, stainless steel or white stove-enamelled alloy. All units are supplied with a sealing gasket and non-rusting fixing screws.

STANDARD

VENTAIR White Plastic	No 4200
VENTILITE Clear Plastic	No 4201

DE-LUXE

VENTAIR with White Alloy Surround	No 4202
VENTILITE with White Alloy Surround	No 4203
VENTAIR with Stainless Steel Surround	No 4204
VENTILITE with Stainless Steel Surround	No 4205

DIMENSIONS

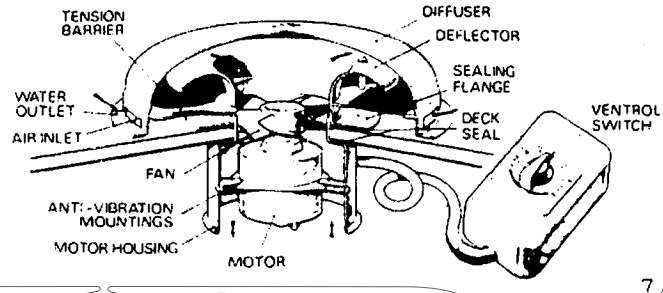
	Standard Models
Diameter	7 in. (17.8cm)
Height	1 in. (2.5cm)
Fitting Aperture ...	3 7/8" (9.84cm)

WEIGHTS

Standard Model: 6 oz. (0.170 kilos). De-Luxe Model, White Alloy: 12 oz. (0.340 kilos). De-Luxe Model, Stainless Steel: 14 oz. (0.397 kilos).

PLEASE NOTE: The Screws enclosed are 2" and not 1 3/4"

Motor and Switch Control Unit



The E.C.S. Ventiduct Motor will also fit into the 3 7/8 (9.84cm) diameter hole in the deck and may be fitted at the same time as the ventilator or can be added at a later date. Supplied for 12v or 24v D.C. power supply.

CONVERTS ALL STATIC VENTILATORS TO POWERFUL FORCED DRAUGHT SYSTEMS

A highly efficient Universal two speed reversible fan motor unit – suitable for all Ventilators, together with a wide range of adaptors and fittings comprise the 'Ventiduct' System enabling installations to be designed for every need, ensuring that bilges, engine rooms, remote compartments may be thoroughly ventilated eliminating the risk of dry rot or mould. Ventilation still continues even when motor is switched off.

FAN MOTOR

Housing depth below deck	3½ in. 8.89cm.
Housing Diameter	5 in. 12.7cm.
Housing fits into deck aperture	3 7/8" 9.84cm

Two Speed Induction or Exhaust

Current Consumption:

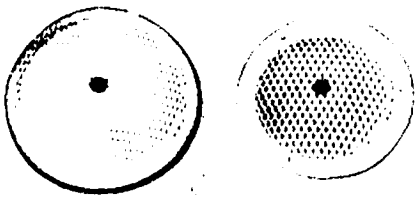
Fast 12 volt	1.7 amps.
Slow 12 volt	.85 amps.
Fast 24 volt	1.0 amps.
Slow 24 volt	.4 amps

Weight including switch ... ... 2½lb. 1.235 kilos
Dimensions of switch 9.525 x 5.08 x 5.08 cm. 3¾ x 2 x 2 in.
Length of wire, motor to switch ... ... 15 in.

DISPLACEMENT 1500 Cu.Ft per hour ..... FAST SPEED
400 Cu. Ft per hour ..... SLOW SPEED

12 Volt Motor complete with switch	No 4208
24 Volt Motor complete with switch	No 4209

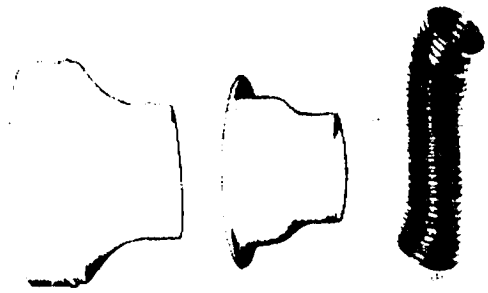
Accessories



MOTOR GRILLE
Dia.: 5 ins.; 12.7 cms. Rubber Edge Presses into Motor Housing. Finish White.
No 4210

BULKHEAD GRILLE
Overall Dia. 5 ins. 12.7 cms. Dia of Grille: 4 ins. 10.6 cms. Finish White.

No 4211



MOTOR ADAPTOR
Dia.: 5 ins.; 12.7 cms. Height: 3½ 8.9 cms. Pipe Dia.: 3 ins.; 7.6 cms. White.
No 4214

FLANGE ADAPTOR
Flange Dia.. 5 ins.; 12.7 cms. Height: 2¾ ins. 7.0 cms. Pipe Dia.: 3 ins.; 7.6 cms. White.
No 4215

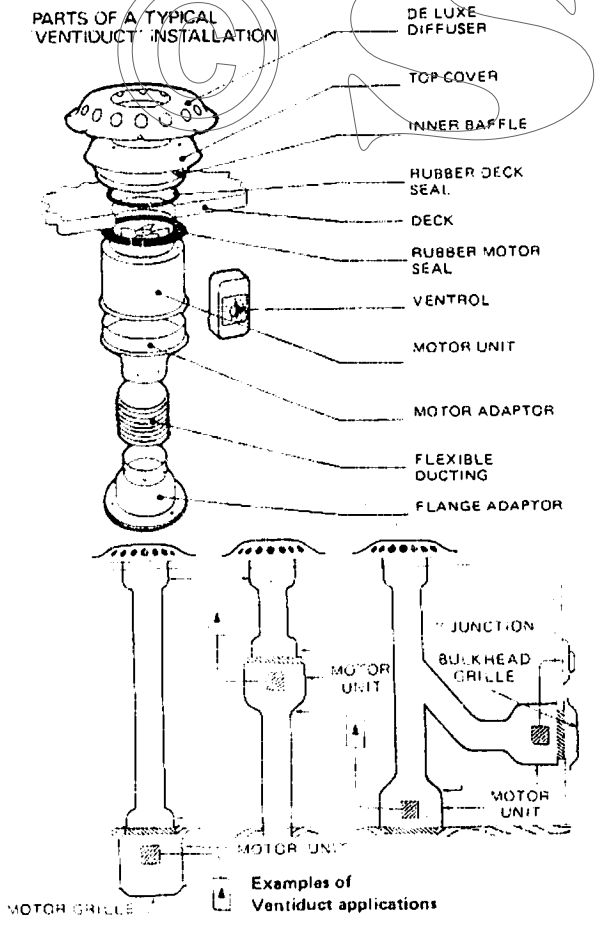
FLEXIBLE DUCTING
Non-corrosive. 3 ins. I.D. 7.6 cms. Black

No 4216

Fitting Instructions

FITTING A VENTIDUCT MOTOR AND SWITCH

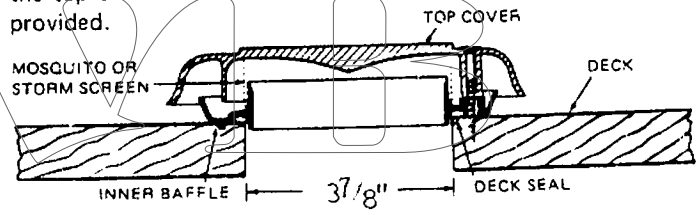
First check that the voltage of the motor is the same as the supply. Next fit the rubber seal over the raised end of the motor housing. Locate housing in the 9.84cm hole already cut in the deck or bulkhead for the ventilator, securing in with the 3 small screws, ensuring that the housing is pressed firmly against the rubber seal. The Ventrol Switch is now secured as follows: unscrew the small screw in the indicator knob and lift off. Unscrew the 2 screws in the fascia and the switch unit can then be withdrawn from the case. Screw the switch to the chosen position with the 4 screws, run a twin wire from the D.C. supply and connect the wires in the 2 central terminals of the small block on the switch. Replace casing and fascia, refit knob.



Examples of Ventiduct applications

'VENTAIR' & 'VENTILITE' STATIC VENTILATORS

Having decided the location of the ventilator, cut an accurate hole 9.84cm diameter in the deck. Next fit the rubber seal in the annular groove on the inner baffle in the position shown on the sectioned drawing, making sure the baffle locates accurately in the hole in the deck, screw down with the 3 short screws, to the deck. It is essential that the baffle is effectively sealed against leakage of water, if necessary with a sealing compound. Now fit the mosquito screen on to the top cover as shown, then align the top cover to the baffle, the 3 long screws will now pass down through the two fittings, securing the whole assembly to the deck. When fitting a De Luxe Model place the De Luxe Diffuser concentrically over the top of the cover and secure to the deck with the 4 screws provided.



MANUFACTURED BY:-

E.C. Smith & Sons (Marine Factors) Ltd
Units H & J Kingsway Industrial Estate
Kingsway, Luton, Bedfordshire. LU1 1LP

Fax: National(01582) 458893
" International +44 582 458893

Tele: (01582) 729721/421961