



SEAT POLYPROPYLENE EXHAUST FANS

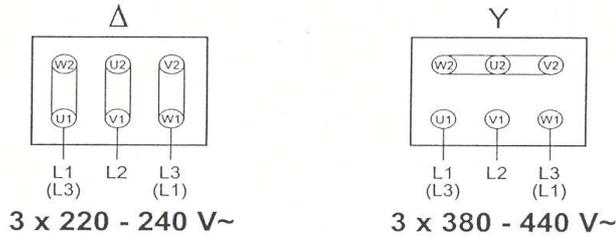
INSTALLATION AND MAINTENANCE GUIDE

ELECTRICAL CONNECTION

The motor should be wired to the electrical supply in accordance with the connection diagram within the terminal box. It is essential that the motor should be protected from electrical overload by the fitting of a starter switch complete with current sensing relay.

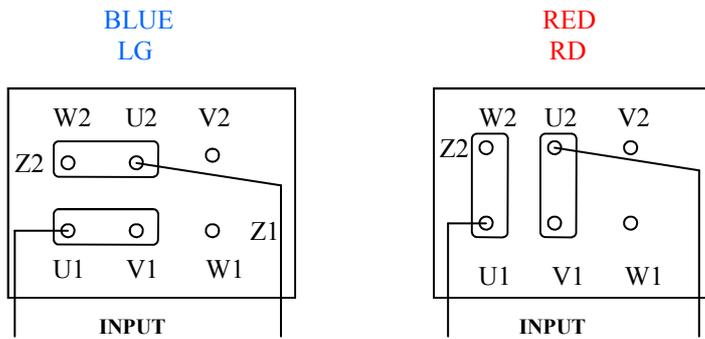
Three phase wiring: see below.

Single phase wiring: see below



Three phase motor connection diagram.

Rotation may be changed by reversal of any two-phase leads.



Single phase motor

EXAMPLES OF INSTALLATION



Seat 25 with enclosed pedestal

JET 25 on the roof



SEAT 30 with metal stand
for inside installation

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JET SERIES



JET 20: yellow

JET 25: red

JET 30: blue

- ◆ **Check wheel rotation prior to securing JET fan in position.**
- ◆ Secure fan in place by means of screws drilled through square base (round for JET 30).
- ◆ Attach fan inlet to ductwork with flexible connections.
- ◆ Access to motor can be achieved by removing the 8 screws securing conic housing to round base.



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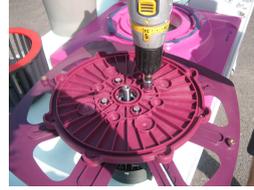
ROOF UNIT KIT MOUNT



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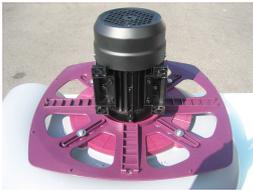
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- 1) Components of Kit Roof: roof curb bare, motor cap, cap bracket, exhaust cap
- 2) Place the cap bracket on the motor with the screwing inserts upwards
- 3) Fix the motor flange
- 4) Place the O-seal ring
- 5) Place the impeller
- 6) Push in the impeller
- 7) Screw the hub cap on the motor shaft
- 8) Get in the hub cap
- 9) Place the roof curb bare O-seal-ring
- 10) Place the roof curb bare on the housing
- 11) Screw the roof curb bare
- 12) Turn over the housing
- 13) Place the motor/impeller part

Reinforce the base before placing the roof curb bare for a motor weight more than 20kgs

14, 15, 16, 17) Screw the motor flange and the cap bracket on the housing as indicated in the pictures

- 18) Do the correct wiring between the switch and the motor, respecting the tension
- 19) Screw back on the terminal box hood
- 20, 21) Place the motor cap and screw it
- 22, 23, 24) Screw the switch on the flat side of the motor cap
- 25) Place the exhaust cap at the outlet
- 26) Assembling finished

ATTACHEMENT OF SEAT FAN TO PEDESTAL



1/ Installation composed by: one fan with wired motor, one disconnect switch (optionnal), one enclosed pedestal.

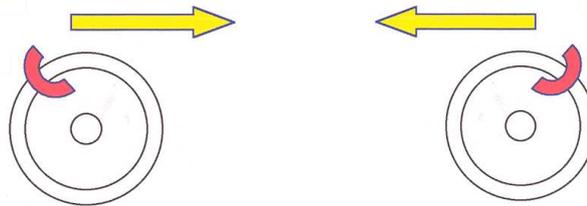
2, 3/ Insert the four bolts into the holes in the motor feet.

4/ Place the **wired** motor inside the pedestal; do not forget to lock the washers.

5, 6/ Fix the switch (optionnal)

GENERAL PRECAUTIONS

- ◆ Fan should be connected to ductwork with PVC sleeves to reduce vibrations and noise.
- ◆ If exhaust stacks are mounted on SEAT or STORM Series fan outlet (upblast discharge), the weight of the stack must not be supported by fan housing.
- ◆ If rain water can enter the fan housing then a drain plug with hose connector should be fitted at the lowest point of the housing.



CAUTION: THE FAN WILL ONLY FUNCTION PROPERLY IF THE WHEEL IS ROTATING IN THE RIGHT DIRECTION. DO NOT TURN THE HOUSING OVER USING THE SAME WHEEL TYPE!

LIABILITY & WARRANTY

The attached installation instructions are issued for guidance only. The installer assumes ultimate responsibility for ensuring that current installation regulations are fully observed and that the exhaust fan receives adequate protection from adverse electrical, mechanical, thermal or environmental conditions.

SEAT VENTILATION warrants its equipment, products and parts, to be free from defects in workmanship and material under normal use and service for two years after delivery to the first user. Products must be returned to the point of purchase, with bill of sale, within two years of purchase. If factory return is required, as determined by the distributor.



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