
General Information

- The motor is reversible (blowing and suction).
- When blowing is required, the polarity should be reversed.
- **When suction as well as blowing is required, use a 3-way switch to change the polarity (89-4005 or 89-4008).**
- Spare parts are available at G&C Systems.
- Electrical connections (see wiring diagram on the backside):
 - a. for suction: blue/red = plus; black = minus
 - b. for blowing: blue/red = minus; black = plus

Safety Considerations

- When working on a roof, pay the utmost attention to your safety .
- Make sure that installation is complete and that the rotating part is covered before connecting the electrical motor.

Installation Instructions

1. Make a $\varnothing 230$ mm opening in the roof.
2. Seal the inner edge to prevent corrosion.
3. Place the roof ring in the opening, with the arrow on the upper edge pointing in the driving direction.
4. Mark the location of the wiring and drill a hole or enlarge the roof opening.
5. Remove any sharp edges.
6. Use the flexible rubber ring in the outside flanged rim as an additional seal between roof and rooftop ventilator. Use a little adhesive to prevent the ring from dropping out during installation. The rubber ring allows for unevenness up to 2 mm.
7. Activate the roof ring with *Simson Prep L (V-6100)* and the roof with *Simson Prep M (V-6110)*
8. Mount the ventilator with the arrow pointing in the driving direction.
 - a. For adhesive, use *Simson ISR 70-03 (V-6000/6010/6020)*. (Info www.simson.nl)
 - b. If you screw the ventilator to the roof, the 8 holes in the rim can be easily drilled through.
9. Guide the wiring through the 'key hole' and place the cover including motor and fan on the roof ring (4 centre-points).
10. Mount the cover with the six stainless steel thermoplastic screws that are included.
11. We advice you to seal up the edge between the roof and the fan housing.
12. **Check:** Rotate the fan blade by hand from the inside make sure it rotates freely.
13. Mount a protection part, such as a ventilation valve / grill (for example G&C Systems Nr. 35-2700 or similar), to prevent persons or parts from interfering with the rotating ventilator parts.
14. Connect the ventilator wiring (see the wiring diagram on the other side of this page).

