

sanel
plastimarne

INSTALLATION GUIDE PLASTIC FANS ANTI-CORROSIVES



***Please read this installation guide
carefully before installing and
operating the fan!***

The instructions given in this manual apply to all of our fans: SP'AIR, X-SP'AIR and ROOF.

1. INSTALLATION:

Commissioning the fan confirms that this entire manual has been read and understood.

- Check before installation that the fan does not contain any parts mobile, and the turbine can rotate freely.
- Check that all tightening screws including the motor screws are tightly packed.
- Check electrical connections and factory wiring (see page 6).
- The fan must be connected to the suction and discharge and fitted with a grille or diffuser on the parts not connected and potentially subject to contact. The
- use of flexible sleeves is recommended to connect the fan to the piping network.

- Avoid operating temperatures above 70°C continuously.
- Control the operation of the device by a temperature sensor in the event of heat exceeding 70°C.
- Carry out the assembly in a high protection chair or with a kit roof as shown on page 4 and 5.
- Use ATEX fans for applications in atmospheres explosives (see part 6).

SANEL fans may not be put into service until the machine or assembly in which they are incorporated has been declared compliant with the provisions of Directive 89/392/EEC and the national legislations relating thereto, as well as with the provisions of the following harmonized European directives: 89/392 EEC as amended 91/368 EEC 94/44-93/68 EEC.

Please note for the Seat series, each turbine model only rotates in one direction LG or RD. The volute assembly has been designed according to this direction of rotation: if the volute is reversed, the fan will no longer provide the expected aerodynamic performance (see next page).

DIRECTION OF ROTATION OF THE TURBINE (SEEN FROM ABOVE / SUCTION SIDE)



SANEL SERIES - MOUNTING IN A HIGH PROTECTION CHAIR



- 1/ All parts: fan, chair, screws
- 2/ Wire the switch to the motor terminals, respecting the voltage
- 3, 4/ Fix the screws on the motor legs using the vistops
- 5/ Place the wired motor in the chair and screw the nuts onto the screws; don't forget the reinforcement washers
- 6, 7/ Fix the switch on one side of the chair

SANEL SERIES - ASSEMBLY IN ROOF ASSEMBLY



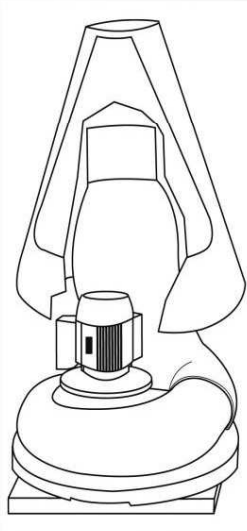
Atex: Anti-explosion

Fan installation guide - SANEL PLASTIMARNE - Tel. 03.26.48.33.10 – contact@sanel.fr

Technical specifications may be changed without notice.

ROOF SERIES

ROOF 20 (yellow), ROOF 25 (red), ROOF 30 (blue)



- Check the direction of rotation before fixing the assembly.
- Attach the suction to the duct using flexible cuffs.
- Engine access is gained by lifting the conical part fixed by 8 stainless steel screws to the base.
- Reinforce the base on the ROOF 25 with a 2-pole motor.



X-SP'AIR SERIES

X-SP'AIR 10, X-SP'AIR 12, X-SP'AIR 14,

