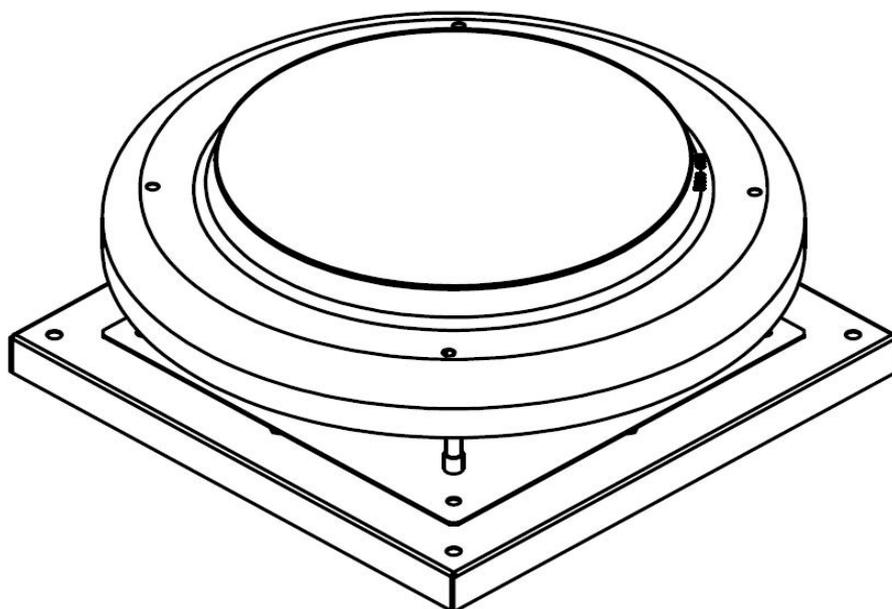




AWARD
Appliance
Group

Roof motor installation manual **V2350 ECO**

Installation guide roof motor



PANDO V2350 eco ROOF MOTOR

This motor should not be used before reading the installation and safety instructions.

➤ . Safety Information

Roof motors should only be used after being connected to the hood.

If there is a risk of water entering the motor through the conduits, it will be necessary to install exterior protection. Exterior roof motors are waterproof only under strong rain conditions, not from sprayed water or streams of water that could cause them to be flooded.

After a correct installation, make sure that no moving parts are accessible. Roof motors should not be used in dangerous environments nor be connected to active chimneys (wood burning...).

These motors are designed to be installed outdoors, they comply with the corresponding IP44 regulations. The safety accessories (e.g., motor protection, safety grille) must not be removed, bridged or disconnected.

ATTENTION! Before servicing or for maintenance, disconnect the mains supply (Automatic circuit breaker or differential) and make sure that the motor impeller is completely stationary.

ATTENTION! The motors have blades with sharp edges and can cause injuries.

ATTENTION! Take care when opening the access cover for maintenance of the boxes, as the fans with the motor installed on the cover are relatively heavy.

➤ Transport and Storage

All Pando roof motors are packaged in the factory to protect them for normal transport. Use adequate lifting equipment to handle the material and avoid damaging the motor or injuring personnel.

ATTENTION! Do not lift the fans by their cables, the connection box, the impeller or the suction cone.

Avoid hitting or shaking the load. Store the motors in a dry location, protected from the weather and dirt until they are installed.

➤ . Installation

The motor comes with an installation manual containing illustrations and explanations of the system. The motor must always be connected to the extractor hood, never directly to the mains.

Bear in mind the safety information supplied above. Installation, electrical connection and start up must be carried out by authorised or specialised personnel.

Installation of the Ø200mm conduit: Maximum 12m and minimum 4m recommended.

Limit the number of elbows and if they are unavoidable, make them as open as possible.

More than 2 elbows in the installation or a longer conduit than recommended will reduce the suction capacity of the hood and the motor.

The fan must be installed in such a manner that the vibrations are not transmitted to the conduits or the structure of the building. Make sure that the motor is firmly and stably fitted and it is level.

ATTENTION! The motor must not be fitted upside down. The fan should be fitted in such a manner that maintenance and repairs can be done in a simple and safe manner. Any disturbing noise can be avoided by fitting a silencer (An accessory that is not included but is available).

ATTENTION! This product complies with IP44 rating regarding protection and waterproofing. It is very important to seal the joint of the motor base and the used and unused orifices of the motor base attachment bolts.

To seal the base, use sealer or a product designed for the material it is to be joined to. Check that all the elements and accessories included with the product have been fitted.

Once the motor has been installed, we recommend simulating rainfall on the motor from above to check the sealing (Do not spray water from the side onto the motor, as this could cause damage and leakage into the building), make sure there are no leaks inside, through the orifice, the conduit or the electric cable to the hood.

If any leaks are discovered, this will indicate that the sealing is incorrect.

Inoxpan S.L. will not be held liable for damage caused to the product or the home due to water leaks caused by incorrect installation, sealing or verification.

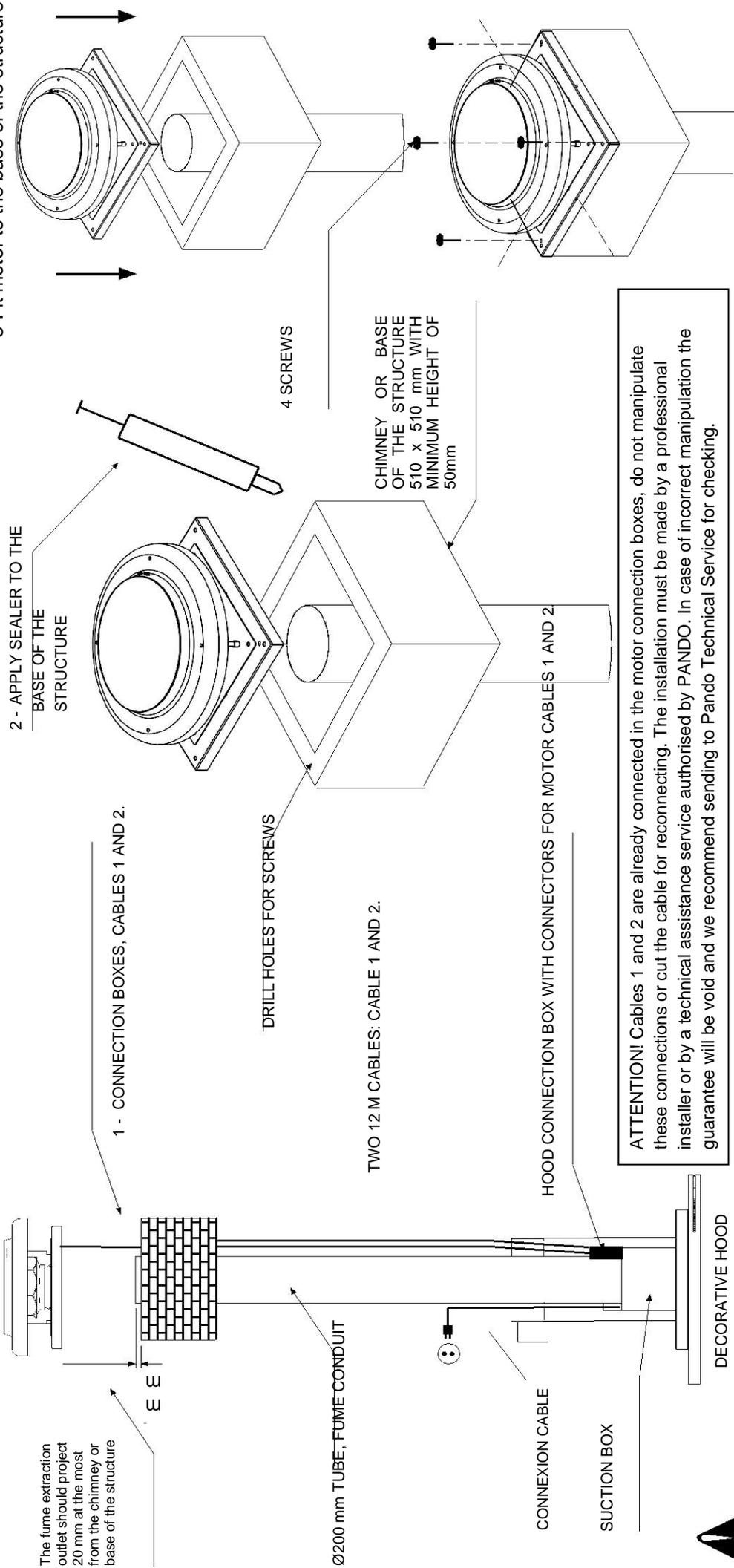
TECHNICAL DIVISION MANUAL FOR INSTALLING ROOF MOTOR



NOTE: PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING



3-Fit motor to the base of the structure



1- IMPORTANT! Before installing and connecting the motor, make sure that the hood is disconnected from the mains power supply. The motor has 2 connection boxes with two 12 m cables, "Cable 1" with 3 cores and "Cable 2" with 2 cores. Lower the cables to the connection box of the hood and connect both of them.
NEVER RUN THE CABLES INSIDE THE CONDUIT.

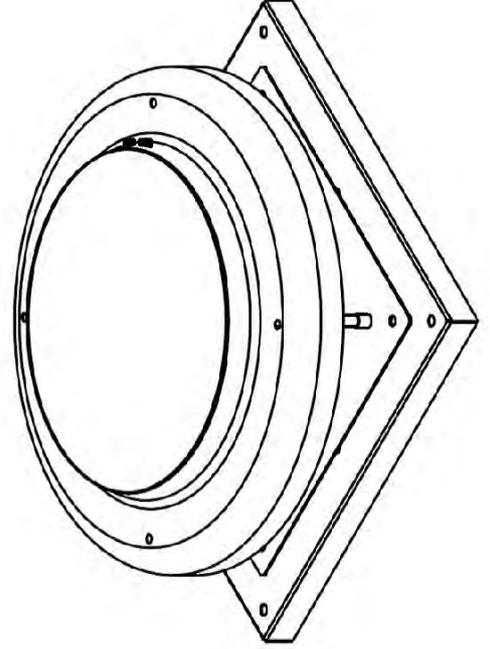
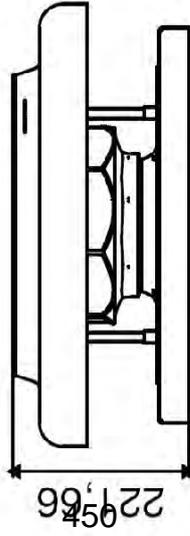
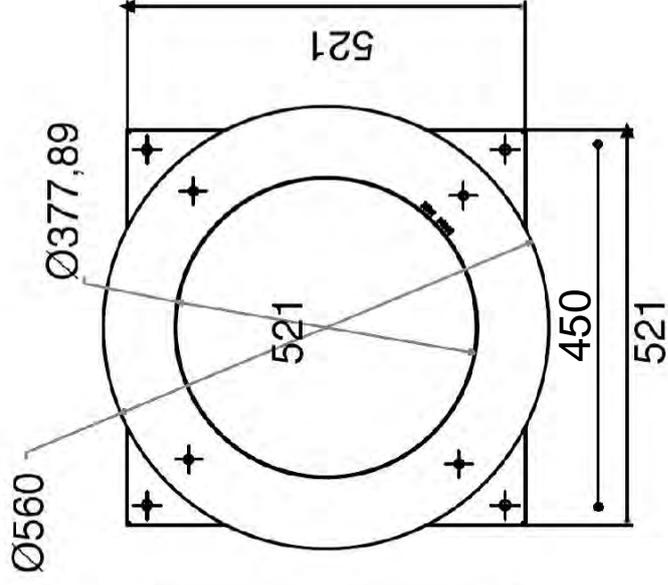
2- Drill the holes in the base of the structure and fit the plugs, see dimensions in p. 4. Leave the fume conduit prepared Ø200 mm. Apply the correct sealer to the base of the structure the motor rests on.

3- Fit the conduit to the inlet mouth of the motor, at the lower part. Make sure the connection is solid and sealed so as to avoid leaks. Pass the 2 connection cables along the outside of the conduit towards the hood. Place the motor on the base and secure with the 4 bolts and washers supplied. When the motor is installed, go to the hood. Connect the fume conduit and connect "Cable1" and "Cable 2". Connect the hood to the mains and check motor operation.

TECHNICAL DIVISION
MANUAL FOR INSTALLING ROOF MOTOR



NOTE: PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING



➤ . Operation

Consult the hood User Manual.

➤ . Maintenance and Repair

Before carrying out maintenance or repairs, make sure:

- The power supply is disconnected (Automatic switch or circuit breaker).
- The fan blades are completely stationary.
- Follow safety regulations for personnel.

Inadequate maintenance of hood filter systems (See hood user manual) may result in excessive grease deposit on the motor blades, which could cause imbalance and malfunctioning or strange noises. The motor blades are maintenance free and if they were to need repair, this should always be done by specialised and authorised personnel. Do not use pressurised cleaning system or spraying. Make sure any blade balancing weights are not displaced and that the blades are not deformed.

en

VERY IMPORTANT: Access to the motor should be provided for cases of maintenance or repair by the Technical Assistance Service. There are placement and accessibility conditions for roof motors.

➤ . Troubleshooting

The motor does not work; it does not start:

Causes: Lightening damage, lack of mains power, incorrect installation or usage, inadequate protection could cause the motor to overheat or jam and the thermal protection of the device will cause it to stop, to reset, it is necessary to disconnect the motor from the mains (Unplugging or tripping the circuit breaker) and wait 10 - 20 minutes then reconnect and check.

If it still does not work or displays irregular operation or strange noises, disconnect and contact the authorised technical service.

➤ . Description of the wiring:

The motor has two 12 m long connection cables that are already installed, do not disconnect them from the motor boxes or cut or make any connections not authorised by the manufacturer, any of these actions will automatically void the guarantee. The wiring diagram is included below.

