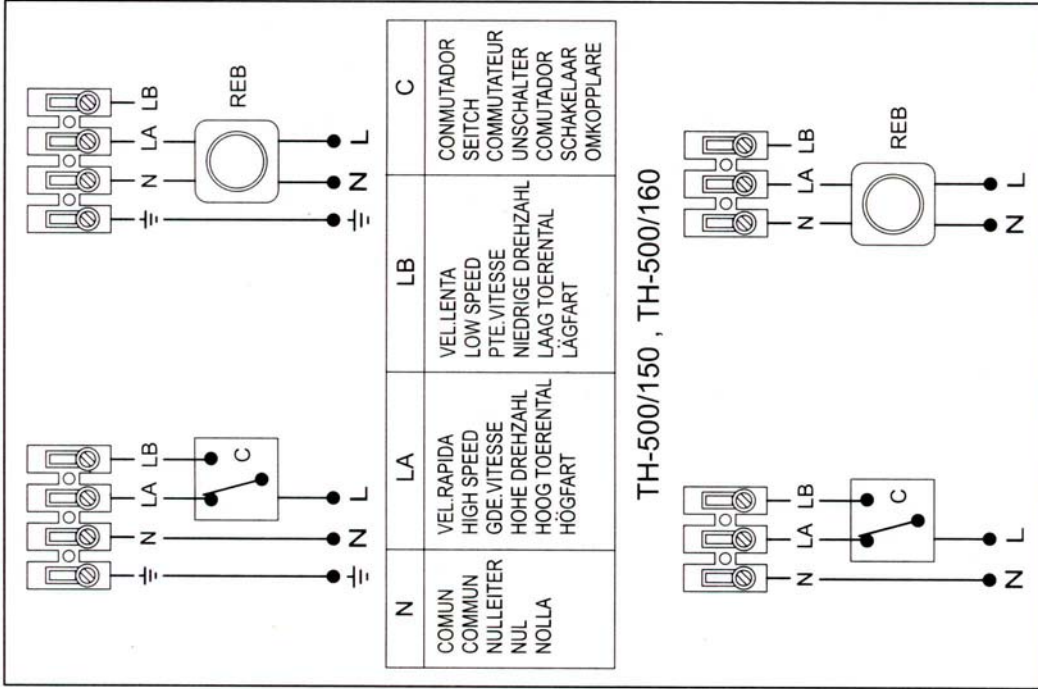
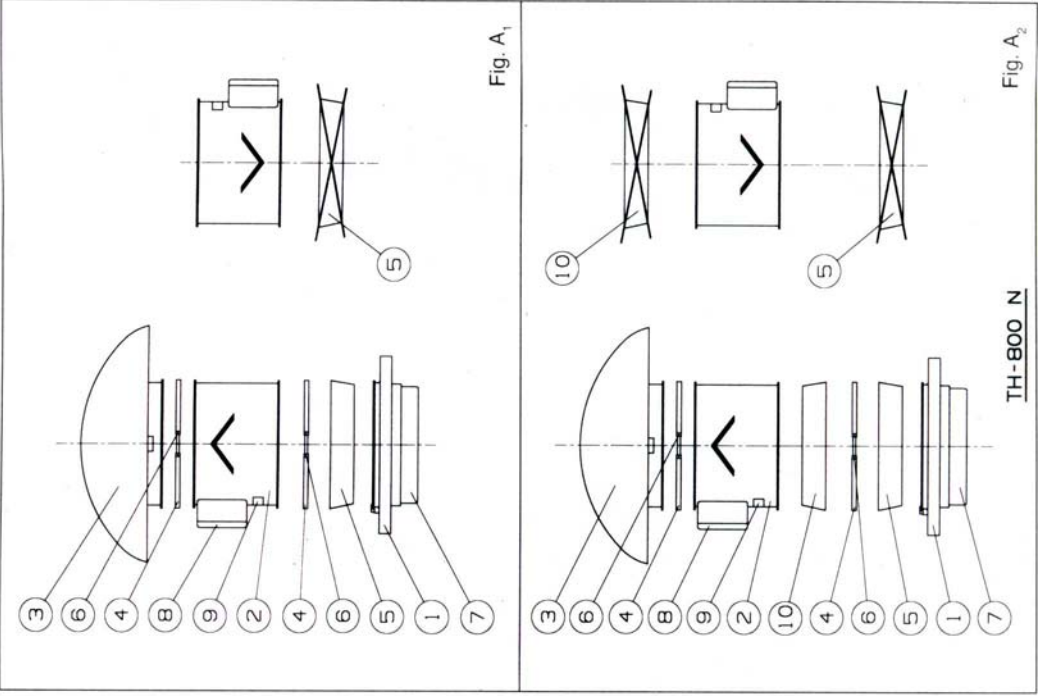


**MIXVENT-TH**





### **Installation and operating instructions**

Please check that the appliance has been received in good condition, as any defect in workmanship or materials is covered by the S&P guarantee.

#### **Installation**

The construction of the Mixvent-TH (fig. A<sub>1</sub> and A<sub>2</sub>) allows roof mounting in a horizontal or inclined position:

#### **Installation on an upstand or base:**

For this form of mounting use the **sealing frame –JMS–**

- Adjust the support brackets as required.
- Fix to the upstand.
- Place the gasket seal onto the sealing frame.
- Secure the fan to the sealing frame.

#### **Installation on a horizontal roof**

For this form of mounting use the **flat roof insulated upstand –JBS–**

- Fix the flat roof upstand onto the roof ensuring that there is a complete seal between the roof and the upstand.
- Place the gasket seal onto the upstand.
- Secure the fan to the upstand.

A circular spigot coupling (7) is provided on the base of the unit to facilitate the connection of circular, rigid or flexible ducting. Spigot diameters:

- TH-500 : 150 mm / 160 mm
- TH-800 : 200 mm
- TH-1300 : 250 mm
- TH-2000 : 315 mm

It is advisable to mount a backdraught shutter type CAR in line with the duct

to prevent backdraught and heat loss when the fan is off.

All the Mixvent-TH models are suitable for air supply or extract, depending on how the fan-housing assembly (2) is mounted.

The fans are supplied ready for extraction. If it is required to supply air to the room, the fan housing assembly must be dismantled by loosening the fixing clamps (4), screws (6).

To reverse the air flow the fan assembly must be turned through 180 deg. Direction of air flow is indicated by an arrow on the fan casing. Remove the deflector (5) (TH-800 N: (5) and (10) fig. A<sub>2</sub>) on the coupling (7) and refit the fixing clamps (4).

#### **Wiring**

**This appliance must be earthed. (Excepted TH-500/150 and TH-500/160: class II). The extractor is equipped with a single phase motor which should be connected to a single phase mains supply of voltage and frequency given on the rating plate. There should be a double pole isolator switch (min. air gap 3 mm) in the supply wiring to the unit.**

**The extractor is fitted with a two speeds motor that can also be speed controlled (fig. B).**

The Mixvent-TH fans are supplied with a cable entry gland on the base for cable access to the terminal box (8) on the fan housing assembly.

It is advised not to remove components other than those mentioned, as any tampering would automatically cancel the S&P guarantee.