

Installation Roof Hoods TBHA/TBHB/TBHC GOLD/SILVER C/COMPACT

1. General

The hoods are made of aluminium-zinc plated sheet steel covered with a Plastisol (black) surface coating that conforms to Environmental Class C4. The roof duct is made of galvanized sheet steel. It is lined inside with 50 mm thick insulation to Fire-resistance Class EI30, with a surface covering of type-approved synthetic woven fabric.

TBHA Outdoor air hood

Designed for the intake of outdoor air. The design of the hood obstructs snow and raindrop entrainment. The hood is hinged and has air intake wire screens on both sides. For GOLD/SILVER C sizes 04-40 and COMPACT sizes 02-03.

TBHB Exhaust air hood

Designed for the discharge of exhaust air. The hood can be opened on hinges and is equipped with air deflectors that effectively direct the exhaust air upward and give the air high discharge velocity. To achieve low pressure drop, the air deflectors are rounded off on both their long sides. The hoods are equipped with effective provision for drainage. For GOLD/SILVER C sizes 04-40 and COMPACT sizes 02-03.

TBHC Dual-purpose hood

The TBHC is a combination of TBHA outdoor air hood and TBHB exhaust air hood and is available for the size 04-12 GOLD/SILVER C units and the size 02-03 COMPACT units only.

2. Installation

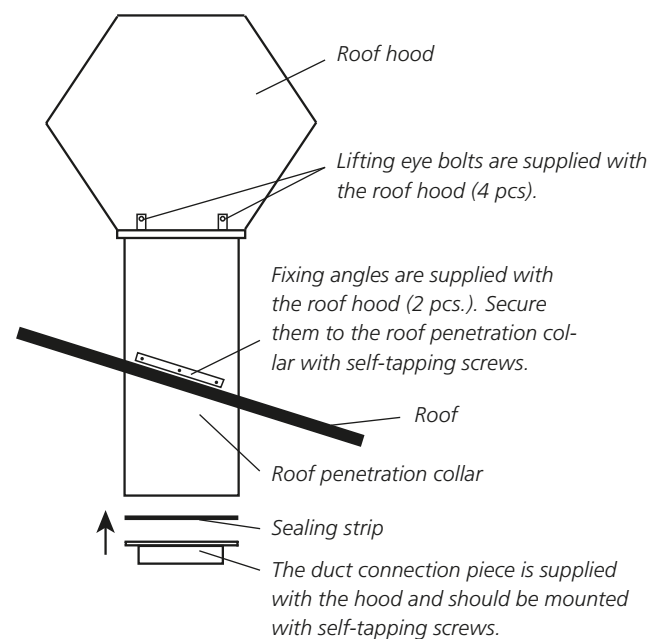
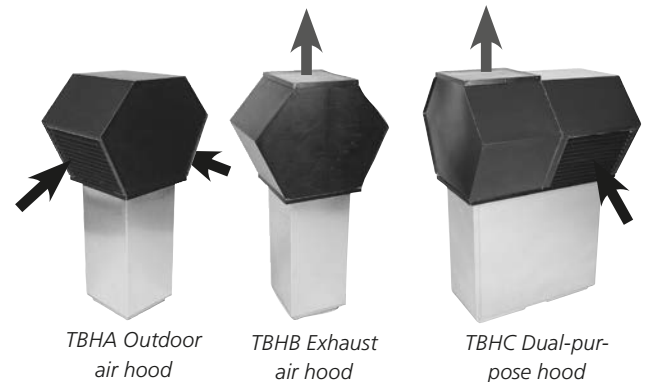
Remove the fixing angles that secure the roof penetration collar/roof hood to the timber pallet. Do not scrap the fixing angles you have just removed, you will use them when you install the hood.

The lifting eye bolts supplied with the hood are usable, see illustration for their locations.

Secure the sealing strip (supplied) to the underside of the roof penetration collar. Secure the duct connection piece to the underside of the roof penetration collar with self-tapping screws. See illustration.

Adjust the position/slope of the fixing angles to match the slant of the roof so that roof hood/roof penetration collar is plumb. Secure the fixing angles to the roof penetration collar with self-tapping screws.

Secure the fixing angles to the roof and seal the roof. This should be done by a professional and the sealing procedure depends on the type of roof.



The hoods for the size 04-12 GOLD/SILVER C and size 02-03 COMPACT units have circular duct connection fitted with a type-approved rubber ring seal for jointing to spiral ductwork. The hoods for the size 14-40 GOLD/SILVER C units have rectangular duct connection for slip-clamp joint connection.

At windy sites, secure the hood in position by means of wire stays.

3. Maintenance

Inspect the hood once a year and clean it if necessary.