

# Installation Instructions for the TBFA Prefilter GOLD/SILVER C

## 1. General

The TBFA prefilter is used in ventilation systems in which the extract air and/or the outdoor air is heavily polluted and it is desirable to prevent the fine filter located in the GOLD/SILVER C unit from becoming clogged after a short period of use.

The TBFA is either equipped with a compact filter or a Class G3 woven aluminium filter.

The material in the compact filter is spun glass fibre. The compact filter contains no metallic parts which would otherwise make waste disposal of used filter media difficult. The compact filter (without filter frame) can be discarded at an approved refuse dump or handed over for incineration after use.

The filter medium is mounted in a frame positioned on slide rails. The filter frames and slide rails are made of aluminium-zinc plated sheet steel to Environmental Class C4. The filter is easy to withdraw from the filter section.

Measurement tappings are provided on the casing of the filter section for connection to a U-tube manometer or a pressure sensor.

GOLD: The TBLZ-1-23-a pressure sensor is available as an accessory. The alarm limit and the current filter pressure can be read in the hand-held micro terminal of the GOLD unit.

## 2. Maintenance

The compact filter medium must be replaced and the aluminium filter medium must be washed when the pressure drop across the filter reaches the estimated final pressure drop. It is advisable to do the above at least once a year. For a correct estimate of the final pressure drop, we refer to our ProUnit air handling unit selection program.

*Filter section with compact filter:*

When replacing a filter, place the coloured side of the filter against the mesh and fasten it in position.

When you reinstall the filter cassette in the filter section, the side fitted with mesh must face the air handling unit. See the illustration.

## 3. Installation

For the installation of prefilters in duct systems, see the special instructions entitled: Installation Instructions for Duct Accessories.

