

## TSFB

### SECONDARY SILENCERS FOR VAV TERMINAL UNITS

For the reduction of air-regenerated noise from air terminal units Type SFTB and CVFB.

Rectangular secondary silencers for the reduction of air-regenerated noise from air terminal units Types SFTB and CVFB.

- Absorption material in non-combustible mineral wool with RAL quality mark, biosoluble and hence hygienically safe according to the German TRGS 905 (Technical Rules for Hazardous Substances) and EU directive 97/69/EG
- Mineral wool faced with glass fibre fabric as protection against erosion due to airflow velocities up to 20 m/s
- PU foam side lining and polymer splitters for sizes 210, 310 and 410

## Application



### Application

- Secondary silencer Type TSFB to reduce the air-regenerated noise from air terminal units
- For air terminal units SFTB and CVFB

### Nominal sizes

- 110, 210, 310, 410

## Description



### Parts and characteristics

- Casing
- Absorption material

### Useful additions

- Optional total flow measurement grid for commissioning and checking of the total volume using a micro-manometer

### Construction features

- Absorption sound attenuator
- Rectangular casing
- Connection on the room end suitable for 30 mm air duct profiles
- Splitters with aerodynamic profile
- Splitter arrangement and number depends on the nominal size
- Rectangular casing
- Connection on the room end suitable for air duct profiles
- Thermal and acoustic insulation (lining)

### Materials and surfaces

- Casing and splitter frames made of galvanised sheet steel
- Absorption material is mineral wool with PU side liners and open cell polymer foam splitters

#### Mineral wool:

- To EN 13501, fire rating class A1, non-combustible RAL quality mark RAL-GZ 388
- Bio-soluble and hence hygienically safe according to the German TRGS 905 (Technical Rules for Hazardous Substances) and EU directive 97/69/EG
- Faced with glass fibre fabric as protective against erosion through airflow velocities of up to 20 m/s
- Inert to fungal and bacterial growth

### Maintenance

- Maintenance free as construction and materials are not subject to wear

## TECHNICAL INFORMATION

Specification text, Order code



### Specification text

- Rectangular secondary silencers for VAV terminal units to reduce the air-regenerated noise, available in 4 nominal sizes
- Casing with acoustic and thermal insulation
- Aerodynamically profiled splitters
- Silencer and plates suitable for 30 mm flanged duct

### Materials and surfaces

- Casing and splitter frames made of galvanised sheet steel
- Absorption material is mineral wool with PU side liners and open cell polymer foam splitters

#### Mineral wool

- To EN 13501, fire rating class A1, non-combustible RAL quality mark RAL-GZ 389
- Bio-soluble and hence hygienically safe according to the German TRGS 905 (Technical Rules for Hazardous Substances) and EU directive 97/69/EG
- Faced with glass-fibre fabric as protection against erosion through airflow velocities of up to 20 m/s
- Inert to fungal and bacterial growth

#### Foam lining

- All foam lining materials have Class 'O' fire rating conforming to UK building regulations

TSFB - S - VGR - D1 / 210 / 0  
 1 2 3 4 5 6

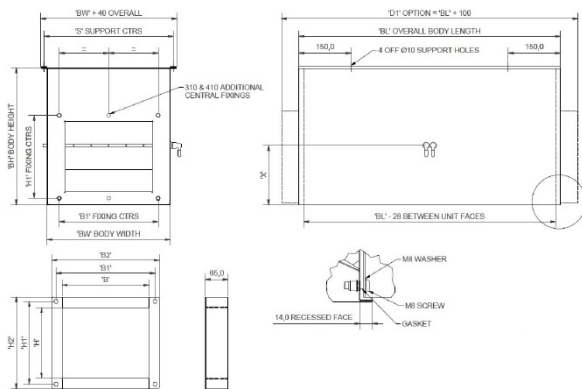
- 1 Type**  
TSFB Secondary silencer for SFTB or CVFB Fan VAV terminal unit
- 2 Unit Type**  
S SFTB  
C CVFB
- 3 Flowgrid**  
No entry: none  
VGL Left  
VGR Right
- 4 Duct Piece**  
No entry: none  
D1 Additional ducts fitted
- 5 Size**  
110, 210, 310, 410
- 6 Not used**

Order example: TSFB-S-VGR-D1/210/0

Unit type	SFTB
Flowgrid handling	Right
Additional duct pieces	Fitted
Size	210

For CVFB fan VAV unit, TSFB-C...-D1/110/0 or TSFB-C...-D1/210/0 will be the basic code as the unit requires only the size 110 or 210 attenuator with D1 additional ducts

## Dimensions and weight



Optional total flow measuring grid connections to suit 6mm I/D tubing