



TYPE AFG

HEAVY /EXTRA HEAVY DUTY FLOOR GRILLES, MADE OF ALUMINIUM, WITH FIXED HORIZONTAL BLADES

Single ventilation grilles suitable for raised access floor systems

- Nominal size 600 mm x 600 mm
- Volume flow rate range 0 - 530 l/s or 0 - 1908 m³/h
- Grille face made of aluminium with powder-coat finish
- Front border, 6 mm with 6 mm wide blades
- Suitable for floor tile depths between 25 mm and 50 mm

Optional equipment and accessories

- Attachments for volume flow rate balancing
- 240V fan deck for low or zero pressure void applications

Application

Application

- Floor grille of Type AFG as supply air for comfort zones and industrial zones
- For variable and constant volume flows
- For supply air to room air temperature differences from -12 to +4K
- For installation in raised access floors

Special Characteristics

- Fixed blades
- Welded front border sections

Nominal Sizes

- 600 mm x 600 mm

Description

Variants

- AFG-A: Floor grille for pressurised floor void
- AFG-AG: Floor grille with rear mounted volume control damper
- AFG-F1: Floor grille with rear mounted fan pack (230V)

Parts and Characteristics

- 6 mm wide welded mitred border sections
- Fixed horizontal blades
- Vertical lateral mullions

Attachments

- AG: For volume flow rate balancing
- F1: 230V AC fan pack

Construction Features

- 6 mm wide mitred border

- 6 mm wide blades for straight (0°) air discharge

Materials and Surfaces

- Border and blades made of aluminium
- P2: Border and blades powder-coated, RAL9006:25%
- P4: Border and blades powder-coated, RAL9005:20%
- N1: Border and blades powder coated, with nylon reinforcing RAL9005

Standards and Guidelines

- Sound power level of the air-regenerated noise measured according to EN ISO 5135
- Structural classification tested according to BS EN 13264:2001 (Heavy & Extra Heavy)

Maintenance

- Maintenance-free as construction and materials are not subject to wear
- Inspection and cleaning to VDI 6022

Installation and Commissioning

- Installation preferably in raised access floor systems with minimum depth of 25 mm and maximum floor depth of 50 mm

TROX UK Ltd

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Caxton Way,
Thetford, Norfolk, IP24 3SQ, UK
Tel: +44 (0) 1842 754545
Fax: +44 (0) 1842 763051

General Enquiries –
info@troxuk.co.uk
Sales & Customer Services – sales@troxuk.co.uk
Accounts –
accounts@troxuk.co.uk

Online-Services

- › TROX Academy

- › Your contact partner

- › Our Office London

- › Our Office Thetford

Service-Hotlines

Sales:
+44 (0)1842 754545
[Contact](#)

Service:
+44 (0)1842 754545
[Contact](#)

Technical service
+44 (0)1842 754545
[Contact](#)

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