



## 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 x 600
- □ Volume flow rate range 0 - 530 l/s or 0 - 1908 m<sup>3</sup>/h
- □ Grille face made of aluminium with powder-coat finish
- □ Front border, 6mm with 6mm wide blades
- □ Suitable for floor tile depths between 25mm and 50mm

Optional equipment and accessories

- □ Attachments for volume flow rate balancing

## 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

### **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, RAL9006:30%
- 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 depth of 50 mm