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ROLL DOWN GRILLES, MADE OF ALUMINIUM, WITH FIXED TRANSVERSE BLADES, FOR FLOOR INSTALLATION

Roll down grilles with rounded blade edges, for covering floor voids such as trenches for heating, underfloor induction units, decentralised ventilation units, light wells and similar

- Nominal width: 150, 200, 250, 300, 350, 400, 450 mm
- Grille height 15 or 20 mm
- Fixed transverse blades made of aluminium
- Cut sections and rolls to be cut to length
- Good impact sound insulation, quiet to walk on and non slip due to rubber underside
- Cut edges of blades are covered

Application



Application

- Type ARR roll down grilles as supply air or extract air variant for comfort zones and industrial zones
- Suitable also for entrance areas and other high traffic areas
- Directed supply air discharge for mixed flow ventilation
- For variable and constant volume flows
- For supply air to room air temperature differences from -12 to +4 K
- For floor installation
- For covering trenches for heating, underfloor induction units, decentralised ventilation units or light wells and as overflow grating surrounding swimming pools

Special characteristics

- Fixed blades
- High-quality design
- Good impact sound insulation, quiet to walk on and non slip
- High thermal, chemical and mechanical resistance, tested to DIN

Nominal sizes

- Cut sections, L: 150 - 3000 mm, in 1 mm increments
- R: 1 roll of 10 m; for ARR-20, width 400 and 450 comes in 2 rolls of 5 m each
- B: 150, 200, 250, 300, 350, 400, 450 mm

Description



Variants

- 15: Grille height 15 mm
- 20: Grille height 20 mm

Parts and characteristics

- Transverse blades with rounded upper edges
- Connecting strip, covering the cut edges of each blade, with integral distance pieces
- Rubber underside ensures optimum sound impact insulation and non slip characteristic
- Special tool for cutting to length
- Stabilising strip from B = 300 mm

Construction features

- Rigid fitting of the blades on the connecting strip
- Blades rest on the connecting strip (no frame), 8 mm wide support area
- Easy handling
- Quiet and safe to walk on
- Individual blades can be replaced

Materials and surfaces

- Blades made of aluminium
- Connecting strip made of plastic, UL 94, V-0, flame retardant
- Rubber underside
- Anodised blades, E6-C-0, natural colour

Standards and guidelines

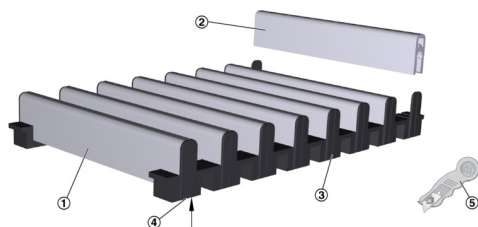
- Sound power level of the air-regenerated noise measured according to EN ISO 5135

Maintenance

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

TECHNICAL INFORMATION

Schematic illustration of ARR



- ① Blade
- ② Blade removed
- ③ Connecting strip
- ④ Anti-vibration element
- ⑤ Special tool

Nominal widths	150, 200, 250, 300, 350, 400, 450 mm
Supply air to room air temperature difference	-12 to +4 K

Roll down grilles, rectangular, made of aluminium, for supply and extract air. For covering trenches for heating, underfloor induction units, decentralised ventilation units, light wells, overflow grating surrounding swimming pools and similar openings.

Ready-to-install component which consists of fixed transverse blades resting on two connecting strips with anti-vibration elements, available as a roll or as cut sections. Rolls come with a special tool for cutting to length. The covering of the blade cut edges prevents injuries and ensures that the grille is both quiet to walk on and flexible enough to be removed. Replacement of individual blades is possible.

Non slip characteristic and good optimum sound impact insulation due to rubber underside.

Special characteristics

- Fixed blades
- High-quality design
- Good impact sound insulation, quiet to walk on and non slip
- High thermal, chemical and mechanical resistance, tested to DIN

Materials and surfaces

- Blades made of aluminium
- Connecting strip made of plastic, UL 94, V-0, flame retardant
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Technical data

- Nominal width: 150, 200, 250, 300, 350, 400, 450 mm
- Supply air to room air temperature difference: -12 to +4 K

ARR – 15 / R×250



1 Type ARR Roll down grille	3 Nominal length R Roll (10 m) ARR-20, widths 400 and 450 mm come in 2 rolls of 5 m each L Cut section (150 – 3000 mm)
2 Grille height [mm] 15 20	4 Nominal width [mm] 150 200 250 300 350 400 450