

### Lindab Indoor Climate Solutions

Product overview Grilles





# For a better climate

Most of us spend the majority of our time indoors. Indoor climate is crucial to how we feel, how productive we are and if we stay healthy.

We at Lindab have therefore made it our most important objective to contribute to an indoor climate that improves people's lives. We do this by developing energy-efficient ventilation solutions and durable building products. We also aim to contribute to a better climate for our planet by working in a way that is sustainable for both people and the environment.

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### Grilles from Lindab fits any need.

Supply and extract through ventilation grilles is traditionally used in all types of buildings. Supply is usually placed in the wall near the ceiling, or in the floor in long facades. Extract is usually placed in the ceiling or in the wall near the ceiling. Supply air near the floor or in the window-benches is typically used along facades in order to reduce drop in temperature or heating due to the sun, and often in a combination with ceiling diffusers. In the same manner, the ventilation grilles are also used in large numbers as convection grilles to conceal convector channels or window-benches or similar openings, where the ventilation grilles does not have an aero-technical function.

In the Lindab programme of ventilation grilles, there are grilles for any purpose. We produce grilles in both aluminium and steel. Grilles can be mounted in the floor, wall, outer wall, ceiling and directly into circular air ducts and rectangular air ducts. Most of Lindabs grilles can be adjusted to specific measurements upon demand. The ventilation grilles are made in special customer-adjusted varieties to fit any need.





### Product overview aluminium grilles

#### **Deflection grilles**

AD

Air supply grilles single or double deflection with

individually adjustable blades.

**Size:** 100×75 mm; 1500×1500 mm

**Finish:** Aluminum anodized; RAL 9010 gloss 30; RAL 9003 gloss 30; other RAL colours on request.

**Accessories:** Opposed blade damper (DGA, DGAN); mounting frame (MFA, MFAN); plenum (VBA, VBX, PBA, PBAN).

 $\textbf{Installation:} \ \textbf{Clips} \ (\textbf{C}, \ \textbf{CN}) \text{, visible screw holes (V), hidden screw}$ 

(H)

#### **Linear grilles**

ΔI

Linear bar grilles with 0° or 15° inclination fixed blades and several

types of frame can be used in many applications.

**Size:** 200×75 mm; 2000×600 mm; for lengths >2000 mm. AL can be delivered in multiple pieces as a linear continuous grille line.

**Finish:** Aluminum anodized; RAL 9010 gloss 30; RAL 9003 gloss 30; other RAL colours on request.

**Accessories:** Opposed blade damper (DGA, DGAN); mounting frame (MFA, MFAN); plenum (VBA, VBX, PBA, PBAN).

**Installation:** Clips (C, CN), visible screw holes (V), hidden screw (H), for some models brackets (F) and mounting bridge (B).

**Options:** frame (25 mm, 20 mm, 9 mm, 6 mm); removable grid; inspection doors.

#### **Eggcrate grilles**



Extract grilles with eggcrate grid 0° or 45° inclination.

**Size:** 100×75 mm; 1500×1200 mm

Finish: Aluminum anodized; RAL 9010 gloss 30; RAL 9003 gloss

30; other RAL colours on request.

Accessories: Opposed blade damper (DGA, DGAN); mounting

frame (MFA, MFAM); plenum (VBA, VBX, PBA, PBAN).

Installation: Clips (C, CN), visible screw holes (V), hidden screw

(H) only for mesh  $\ensuremath{\text{0}^{\circ}}$  inclination.

#### **Return grilles**



Extract grilles with fixed blades,

58° angle.

**Size:** 100×75 mm; 1500×1200 mm

Finish: Aluminum anodized; RAL 9010 gloss 30; RAL 9003 gloss

30; other RAL colours on request.

Accessories: Opposed blade damper (DGA, DGAN); mounting

frame (MFA, MFAN); plenum (VBA, VBX, PBA, PBAN). **Installation:** Clips (C, CN), visible screw holes (V).

## Eggcrate ceiling grilles



**AEC** 

Extract grilles with eggcrate grid  $0^{\circ}$  or  $45^{\circ}$  inclination and frame no flange used for the ceiling application.

Size:  $595\times295$  mm;  $595\times595$  mm;  $670\times670$  mm external dimension.

Finish: RAL 9010 gloss 30; RAL 9003 gloss 30; other RAL colours on request.

Accessories: Filter G3; fix kit of the filter, plenum.

#### **Filter grilles**

ΑF

Extract filterholder grilles with several type of grid as eggcrate grid 0° or 45° inclination or fixed blades 45 d

or 45° inclination or fixed blades 45-degree angle.

Size: 200×100 mm; 1200×600 mm

Finish: Aluminum anodized; RAL 9010 gloss 30; RAL 9003 gloss

30; other RAL colours on request.

Accessories: Washable filter G3; rigid filter G3, plenum (PBAF). Installation: Clips (C), magnets hinged (G); screw hinged (S);

knob hinged (K).



### Product overview aluminium grilles

## Filter ceiling grilles



**AFC** 

Extract filterholder grilles with several type of grid; eggcrate grid 0° or 45° inclination or fixed blades 45° angle or perforated plate. Push/pull closing system for easy access to filter.

**Nominal sizes:** 400×400 mm; 1000×400 mm

Ceiling sizes: 595×295 mm; 595×595 mm; 620x620 mm;

670×670 mm; 1195×595 mm.

Finish: Aluminum anodized; RAL 9010 gloss 30; RAL 9003 gloss

30; other RAL colours on request. **Accessories:** Rigid filter G3, plenum. **Installation:** Push/pull system.

#### **Curved blade grilles**



AC

Supply grilles with curved adjustable blades, oriented 1-way or 2-way horizontal or vertical.

**Size:** 200×100 mm; 1500×500 mm; 1200×1200 mm

**Finish:** Aluminum anodized; RAL 9010 gloss 30; RAL 9003 gloss 30; other RAL colours on request.

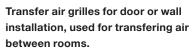
**Accessories:** Opposed blade damper (DGA,DGAN); mounting frame (MFA, MFAN); plenum (VBA, VBX, PBA, PBAN).

Installation: Clips (C, CN), visible screw holes (V), hidden screw

(H).

#### **Transfer grilles**





**Size:** 200×100 mm; 1200×600 mm

Finish: Aluminum anodized; RAL 9010 gloss 30; RAL 9003 gloss

30; other RAL colours on request. **Accessories:** Counterframe. **Installation:** Visible screw holes (V).

## Linear floor grilles



AG

Floor grille  $0^\circ$  or  $15^\circ$  inclination fixed blades and with or without frame and adjustable height screws.

**Size:** 200×100 mm; 1200×600 mm

**Finish:** Aluminum anodized; RAL colours on request. **Accessories:** Opposed blade damper (D); basket (B).



### Product overview steel grilles

#### **Deflection grilles**

SD

Steel grilles single or double deflection with individually adjustable blades.

Size: 150x100 mm; 1200x500 mm

Finish: Galvanized steel; RAL 9010 gloss 30; RAL 9003 gloss 30;

other RAL colours on request.

Accessories: Opposed blade damper (DGS); mounting frame

(MFS)

Installation: Clips (C), visible screw holes (V), hidden screw (H).

## Stainless steel deflection grilles



SSD

Stainless steel AISI 304 grilles single or double deflection blades or with fixed blades, 45° angle.

Size: 150x100 mm; 1200x500 mm Finish: Stainless steel AISI 304 (BA finish).

Accessories: Opposed blade damper (DGSS); mounting frame

MFSS).

Installation: Visible screw holes (V), hidden screw (H).

### **Round duct grilles**



Supply or extract round steel grilles with vertical or horizontal adjust-

able blades for direct installation in circular ducts.

**Size:** 325×75 mm; 1225×225 mm

Finish: Galvanized steel; RAL 9010 gloss 30; RAL 9003 gloss 30;

other RAL colours on request.

Accessories: Blade damper; Straight sliding damper; Slanting

sliding damper.

Installation: Visible screw holes.





### Product overview louvre grilles

## Aluminum weather louvre grilles

**WLA** 

Aluminum weather louvres fixed blades used for outdoor air intake and extract air discharge.

#### Standard with bird net (N)

**Size:** Pitch 25 => 200×100 mm; 1500×1200 mm;

Pitch 50 => 400×250 mm; 2000×2000 mm; Pitch 100 => 400×250 mm; 2000×2050 mm

Finish: Aluminum anodized; RAL colours on request.

Accessories: Insect net (I); bird net + insect net (NI) mounting

frame (M, MFA).

Installation: Clips (C), visible screw holes (V).



## **Steel weather louvre** grilles

WLS

Steel weather louvres fixed blades used for outdoor air intake and extract air discharge.

Standard with bird net (N)

**Size:** 200×200 mm; 2000×2000 mm

Finish: Galvanized steel; RAL colours on request.

Accessories: Insect net (I); bird net + insect net (NI) mounting

frame (M).

Installation: Visible screw holes (V).



YGC

Circular fixed louvre used for outdoor air intake and extract air discharge.

Size: Ø80; Ø1250

Finish: Ø80-500 cast aluminium Ø630-1250 galvanised steel Standard finish: untreated Accessories: With bird net. Installation: Visible screw holes.



#### **External wall grille**

**VR** 

With plenum and round safe connection square louvred grille for installation in external walls.

**Size:** Ø125; Ø400

Finish: Aluminium, Galvanised steel

Standard finish: Anodized

Accessories: With bird net.

Installation: Visible screw holes.









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