

# Lindab **IndoorClimateSolutions**

Product overview Grilles



# We simplify construction

At Lindab we are driven by a strong desire to continuously generate improvements and to simplify construction. We do that by developing products and systems that are easy to use and energy efficient, together with industry-leading knowledge, support, logistics and efficient availability.

We want to simplify everything – from designing, ordering, delivery, goal achievement and installation to the entire way of doing business with us. By simplifying in every stage of the construction process, we also contribute to energy-efficiency.

## **A good thinking company**

Good thinking is a deeply rooted philosophy that guides us in everything we do. We firmly believe that good thinking makes good solutions to the challenges we all face. Taking responsibility for what we do and how we do things is therefore important to us. Because good thinking is not only about making life easier and more comfortable for our customers and end users. It is also a matter of thinking in a global perspective, all the time. Knowing that we at Lindab are helping to make the world a better place.

## Grilles from Lindab fits any need.

Supply and exhaust 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. Exhaust 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); mounting frame (MFA); plenum (VBX, PBA)

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



## Linear grilles

AL

**Linear bar grilles with 0° or 15° inclination fixed blades and several type of frame can be used in many applications.**

**Size:** 100×75 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); mounting frame (MFA); plenum (VBX, PBA)

**Installation:** Clips (C), 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

AE

**Exhaust grilles with aluminum mesh 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); mounting frame (MFA); plenum (VBX, PBA)

**Installation:** Clips (C), visible screw holes (V), hidden screw (H) only for mesh 0° inclination.



## Return grilles

AR

**Exhaust grilles with fixed blades, 45° 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); mounting frame (MFA); plenum (VBX, PBA)

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



## Eggcrate ceiling grilles

AEC

**Exhaust grilles with aluminum mesh 0° or 45° inclination and frame no flange used for the ceiling application.**

**Size:** 595×295 mm; 595×595 mm; 670×670 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 (PBAEC)



## Filter grilles

AF

**Exhaust filterholder grilles with several type of grid as aluminum mesh 0° 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)



## Filter ceiling grilles

AFC

Exhaust filterholder grilles with several type of grid; aluminum mesh 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; 620°620 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 (PBAFC)

**Installation:** Push/pull system (P)



## Curved blade grilles

AC

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

**Size:** 100×100 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); mounting frame (MFA); plenum (PBA)

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



## Transfer grilles

AT

Transfer air grilles for door or wall installation, used for transferring air between rooms.

**Size:** 200×75 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° or 15° 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:** 200×75 mm; 1225×525 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); plenum (PBS)

**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:** 200×75 mm; 1225×525 mm

**Finish:** Stainless steel AISI 304 (BA finish).

**Accessories:** Opposed blade damper (DSS); mounting frame (MFSS); plenum (PBS)

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



## Curved grilles

SCG

**Concave or convex steel grilles with adjustable horizontal or vertical curved blades used for both supply and exhaust air applications.**

**Size:** 200×75 mm; 1225×525 mm

**Finish:** Galvanized steel; RAL 9010 gloss 30; RAL 9003 gloss 30; other RAL colours or stainless steel on request

**Features:** Radius min. 50% of L

**Installation:** Visible screw holes (V)



## Thermostatic grilles

STH

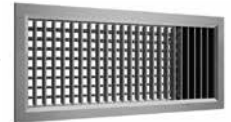
**Thermostatic air supply double deflection grille with vertical first row adjustable and second row automatically set up. With thermostatic regulation.**

**Size:** 425×175 mm; 1225×525 mm

**Finish:** Galvanized steel; RAL 9010 gloss 30; RAL 9003 gloss 30; other RAL colours on request

**Accessories:** Sliding damper (DGS-3)

**Installation:** Visible screw holes (V)



## Round duct grilles

RGS

**Supply or exhaust round steel grilles with vertical or horizontal adjustable blade 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 (V)



# Product overview louvre grilles

## Aluminum weather louvre grilles

WLA

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

**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:** Bird net (N); insect net (I); mounting frame (M)

**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.

**Size:** 200×200 mm; 2000×2000 mm

**Finish:** Galvanized steel; RAL colours on request.

**Accessories:** Bird net (N); insect net (I); EHC heating (E); mounting frame (M)

**Installation:** Visible screw holes (V)



## Circular louvre grilles

YGC

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

**Size:** Ø80; Ø1250

**Finish:** Aluminum; galvanized steel

**Finish:** Ø80-500 cast aluminium

Ø630-1250 galvanised steel

Standard finish: untreated

**Accessories:** Bird net

**Installation:** Visible screw holes (V)





## Good Thinking

**At Lindab**, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do that by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

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