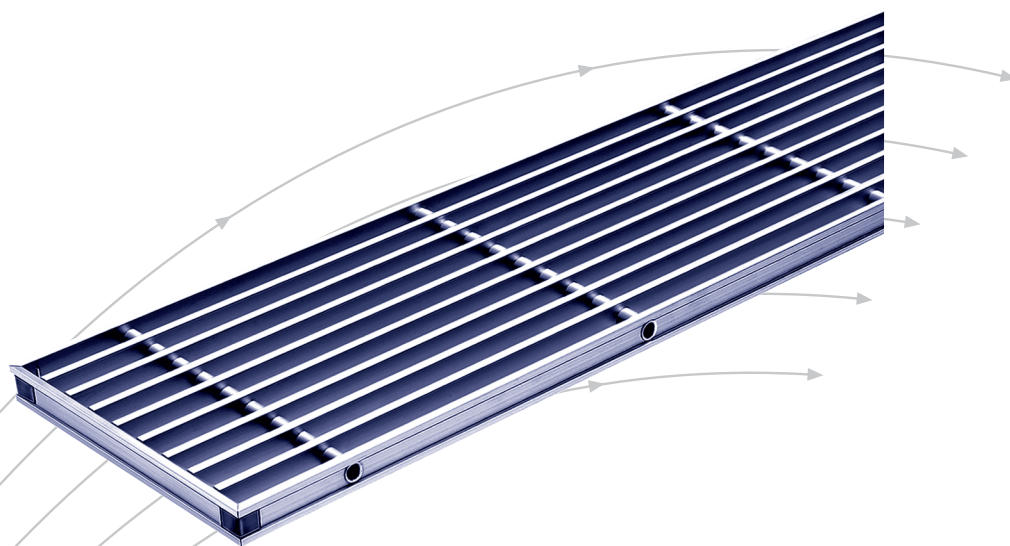


Convector grilles

Type KG



TROX[®] TECHNIK



The art of handling air

TROX HESCO Schweiz AG
Walderstrasse 125
Postfach 455
CH-8630 Rüti ZH

Tel. +41 55 250 71 11
Fax +41 55 250 73 10
www.troxhesco.ch
info@troxhesco.ch

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Convector grilles, made of aluminium, are light, elegantly shaped air diffusers. They cannot be used for access.

Application

Convector grilles are particularly useful for covering air-conditioning convectors and heating convectors on window ledges.

Realisation

The convector grille is made up of a flat frame or an angular frame with rigidly fixed blades. Colourless anodised aluminium.

Safety instructions

CAUTION!

Risk of injury from sharp edges and corners, ridges and thin-walled sheet metal parts!

- Proceed carefully with all work.
- Wear protective gloves, safety shoes and protective helmet.

WARNING!

Danger from incorrect use. Misuse of the product may lead to dangerous situations.

The product must not be used:

- in areas subject to explosion hazards;
- in the open air without sufficient protection against weather effects;
- in atmospheres that may have a damaging and/or corrosive effect on the product due to scheduled or unscheduled chemical reactions.

CAUTION!

Damage to the product due to improper handling. Check the device for damage and contamination prior to operation!

Improper handling may lead to considerable material damage of the product.

- Do not use any acid or abrasive cleaning agents.
- Adhesives from sticky tape may lead to colour damage.
- Excessive moisture may lead to colour damage and corrosion.
- Use only cleaning agents, greases and oils that are expressly specified.

Rapid selection

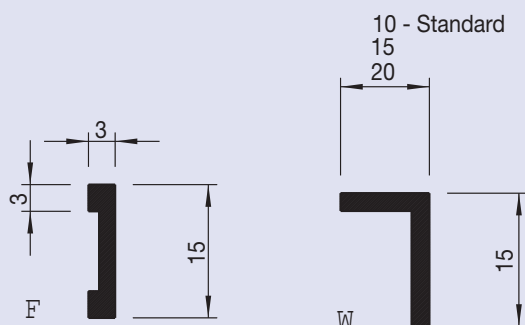
Recommendation: $v_{\text{eff}} = 0.5 \dots 2.5 \text{ m/s}$

$$v_{\text{eff}} = \frac{\ddagger}{B \times H \times 3600 \times 0.78}$$

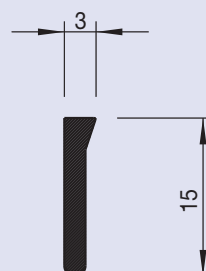
Legend

\ddagger	= Air flow	m ³ /h
v_{eff}	= Flow velocity	m/s
B	= Nominal width	m
H	= Nominal height	m

Sections of the frames

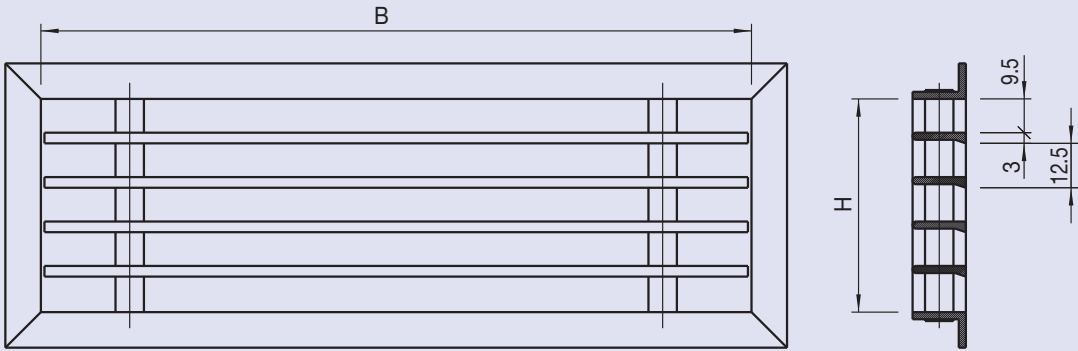


Section of the blades



Dimensions · Installation

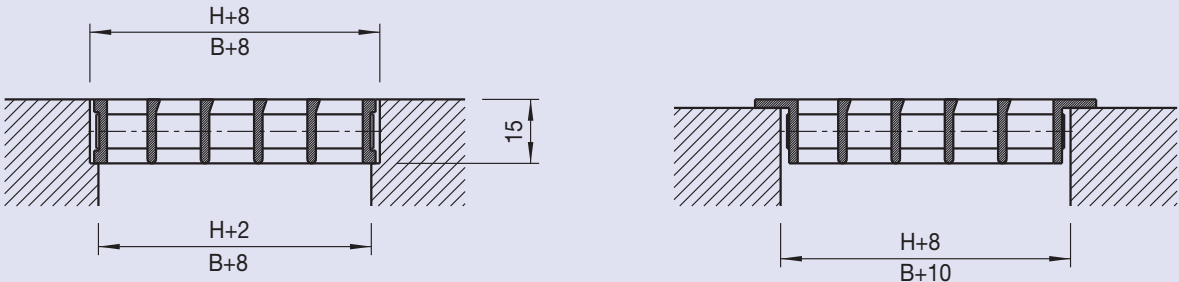
Dimensions
 B = nominal width, H = nominal height
 Free surface ~ 78%



Convector grilles can be manufactured in each nominal length B desired (max. 2000 mm). Given the distance between the blades, the nominal height H should correspond to one of the following measurements:

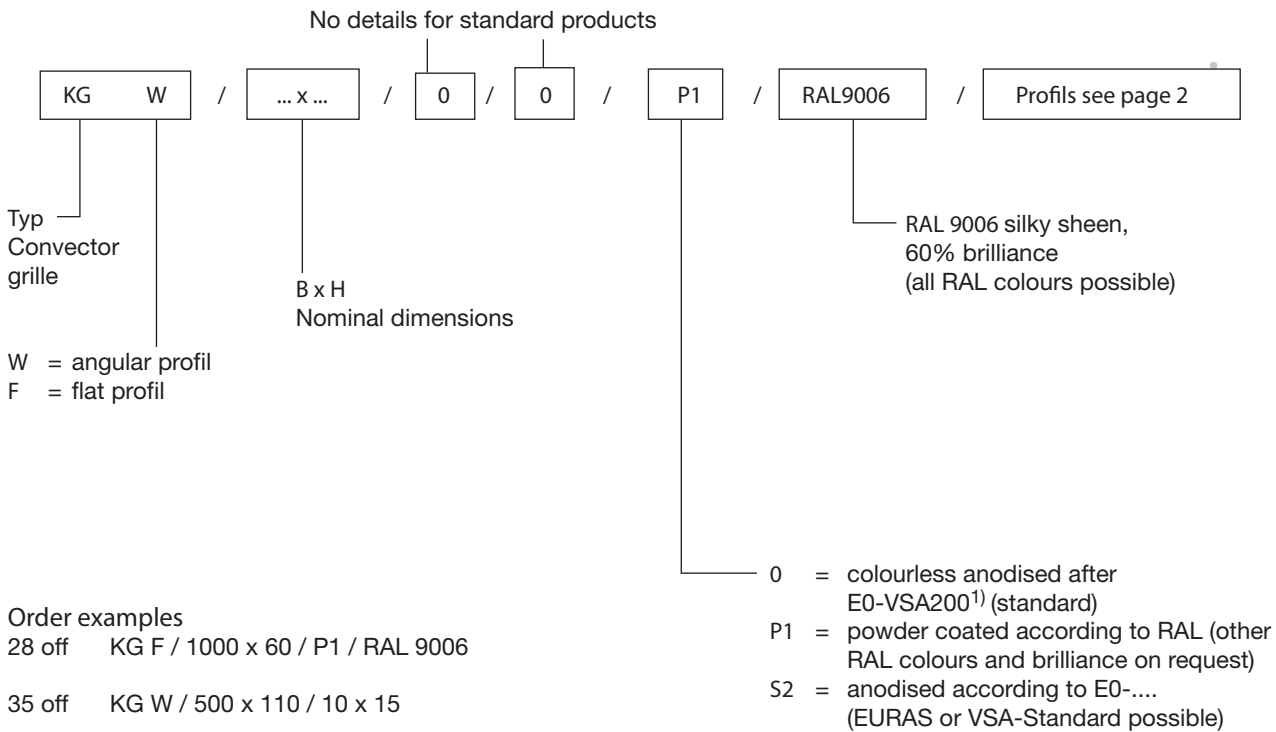
H [mm]	23	35	48	60	73	85	98	110	123	135	148	etc.
Number of blades	1	2	3	4	5	6	7	8	9	10	11	

Mounting examples



Order Details

Order codes



Order examples

28 off KG F / 1000 x 60 / P1 / RAL 9006

35 off KG W / 500 x 110 / 10 x 15

¹⁾ Explanations see L-02-2-02e

Text for tendering purposes

The convector grille is made up of a flat frame or an angular frame with rigidly fixed blades.

Materials

Aluminium
 Colourless anodised surface

Edge

... mm

Options

- other RAL colours
- anodised according to E0-...