



Product manual

## Air grilles

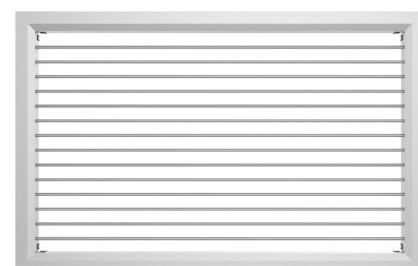
OAH, OAV, OAB, OAS, OAS-R,  
OCM, OAN, ORP, PTR, CCH, CCV,  
PCR, NRA, NRK, OPR-CR

Air distribution

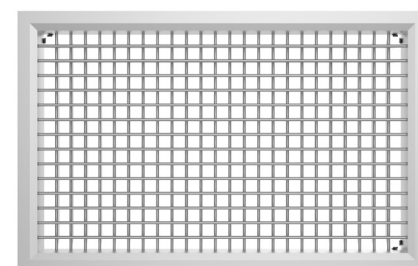
Version 1.0.6  
Date: 23.04.2025.



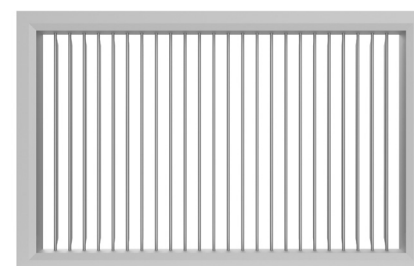
## ALUMINIUM GRILLES



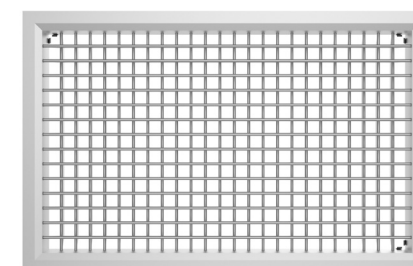
OAH-1



OAH-2



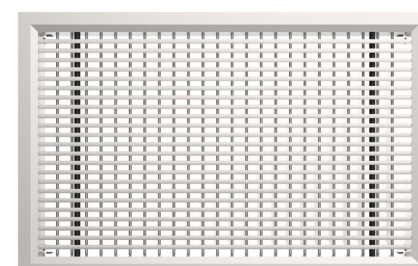
OAV-1



OAV-2



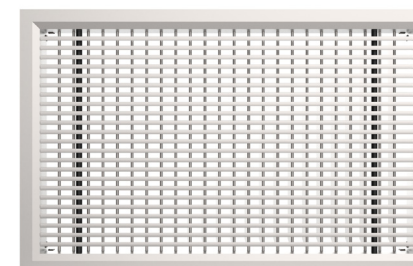
OAB 1-0



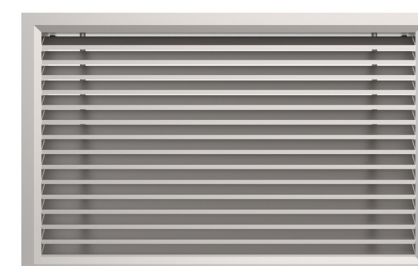
OAB 2-0



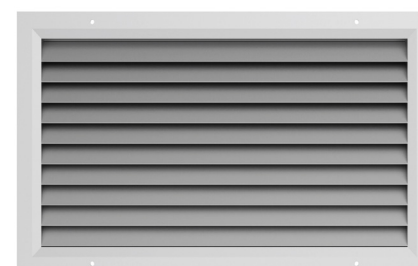
OAB 1-15



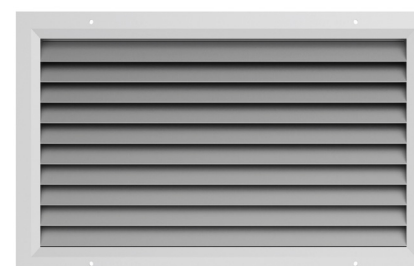
OAB 2-15



OAN



OAS



OAS-R

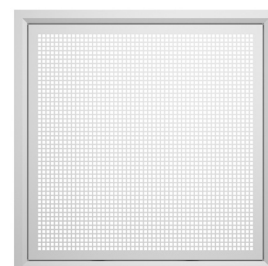


OCM

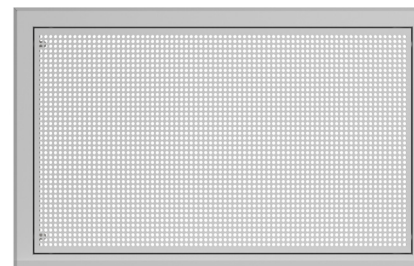
## FAN-COIL GRILLE



PTR



ORP

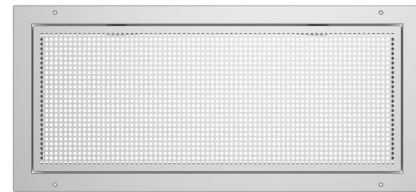


OPR-CR

- ▼ [Aluminium grilles](#)
- ▼ [Steel grilles](#)
- ▼ [Steel grilles for round duct](#)
- ▼ [Floor grilles](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)

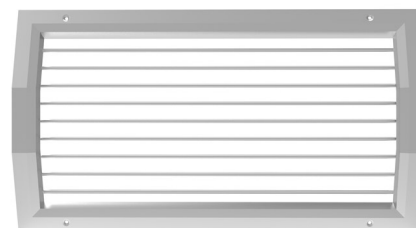
## ALUMINIUM GRILLES

## STEEL GRILLES

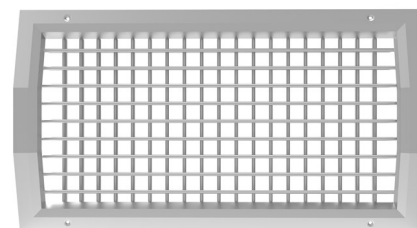


PCR

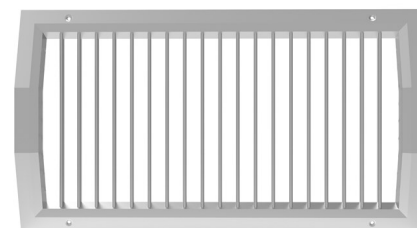
## STEEL GRILLES FOR ROUND DUCT



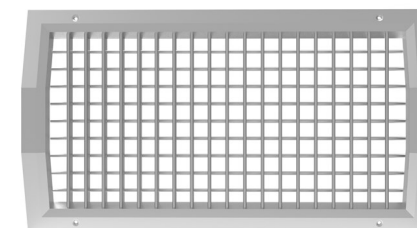
CCH 1



CCH 2



CCV 1



CCV 2

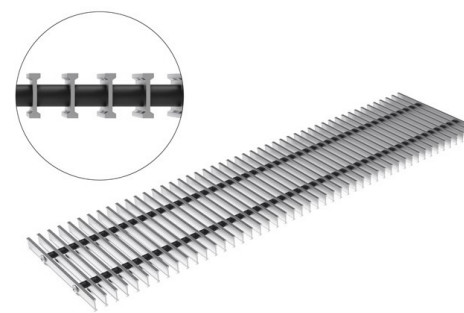
## FLOOR GRILLES



NRA 0



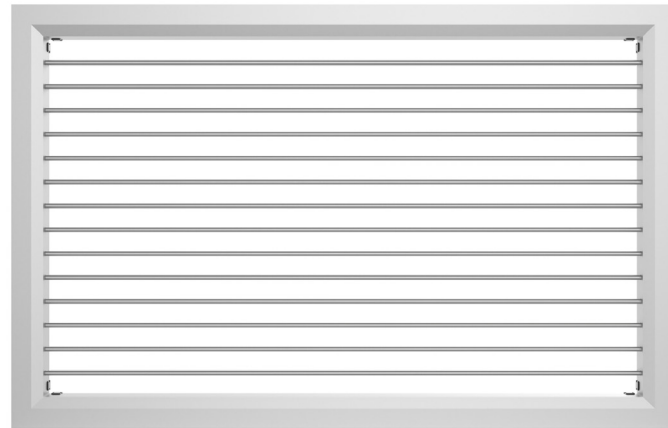
NRA 15



NRK

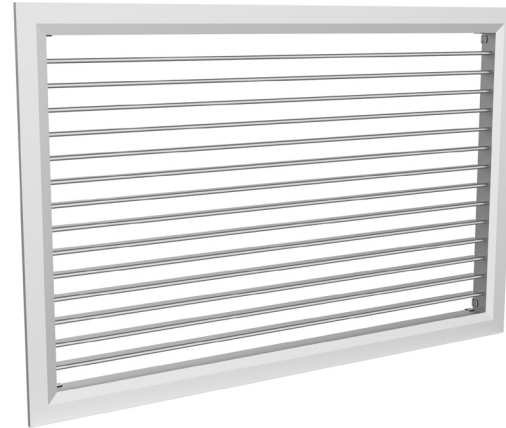
- ▼ [Aluminium grilles](#)
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- ▼ [Steel grilles for round duct](#)
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- ▼ [Ordering key](#)
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STEEL / ROUND / FLOOR GRILLES



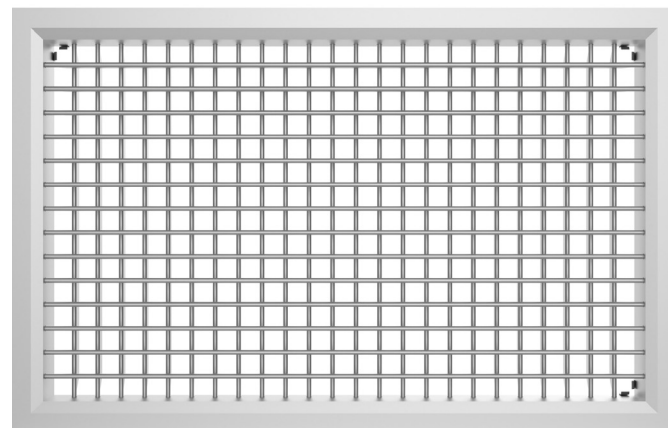
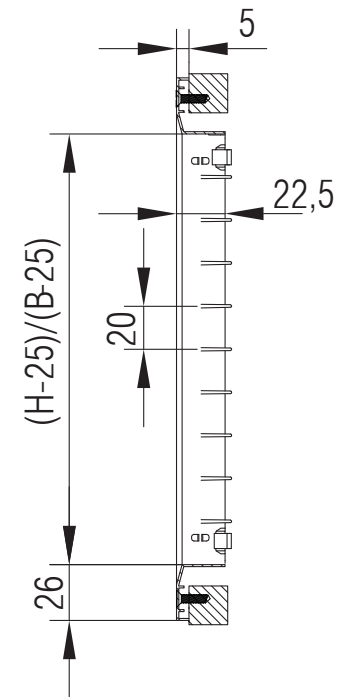
## OAH-1

- frame and blades made out of anodized aluminium profiles
- one row of horizontal individually adjustable blades
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall



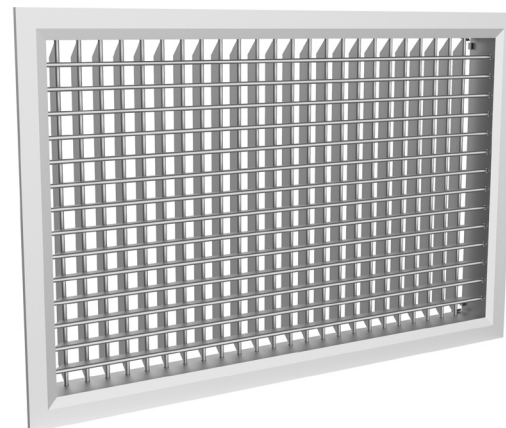
### OPTIONS

- installation subframe
- L damper
- S damper



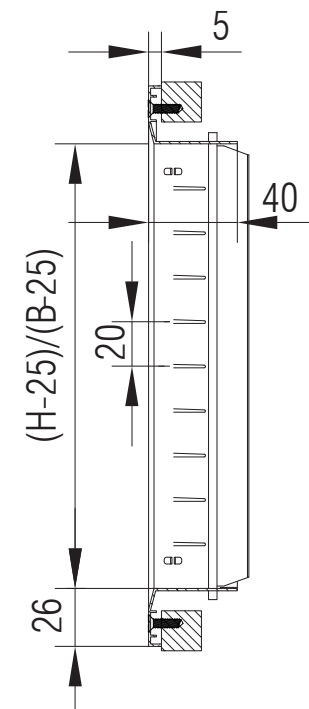
## OAH-2

- frame and blades made out of anodized aluminium profiles
- front row of horizontal individually adjustable blades
- back row of vertical individually adjustable blades
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall



### OPTIONS

- installation subframe
- L damper
- S damper



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- ▼ [Steel grilles for round duct](#)
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## PRODUCT OVERVIEW

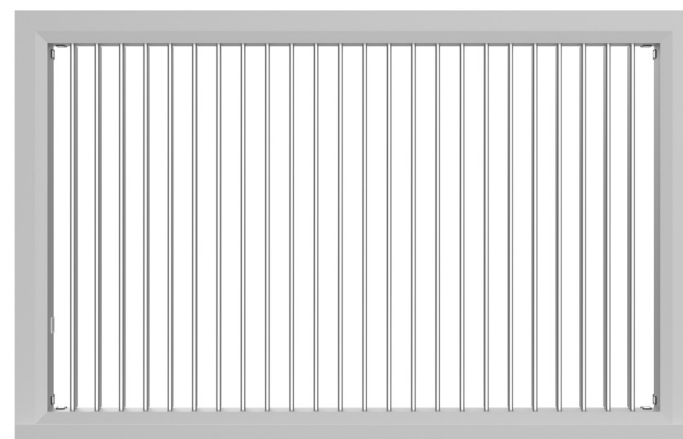
### DIMENSIONS

#### B x H

| B | 225 | - | 1225 | in increments<br>100 mm |
|---|-----|---|------|-------------------------|
| H | 75  | - | 525  | in increments<br>100 mm |

\*all combinations B x H are possible





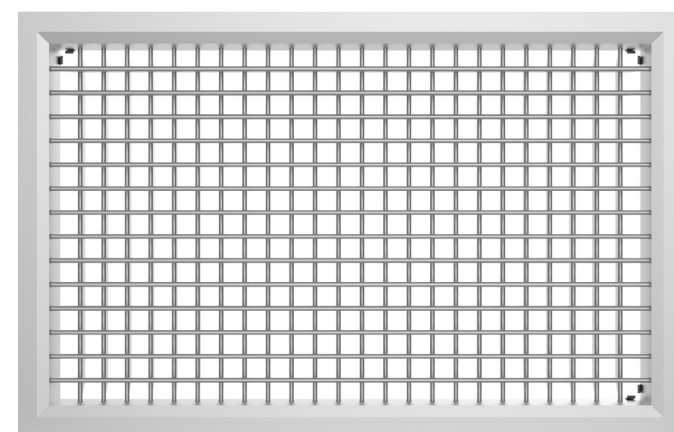
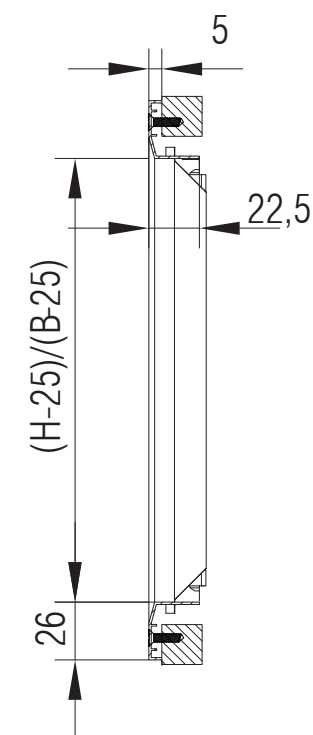
## OAV-1

- frame and blades made out of anodized aluminium profiles
- one row of vertical individually adjustable blades
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall



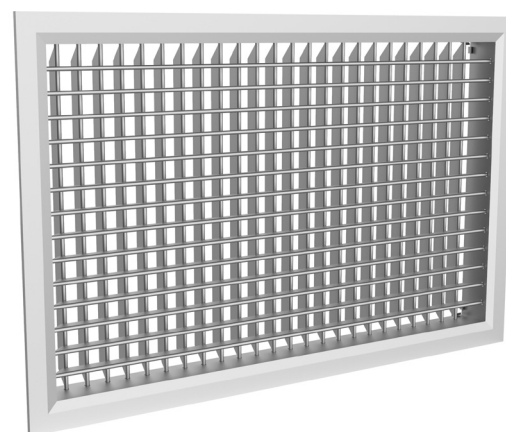
### OPTIONS

- installation subframe
- L damper
- S damper



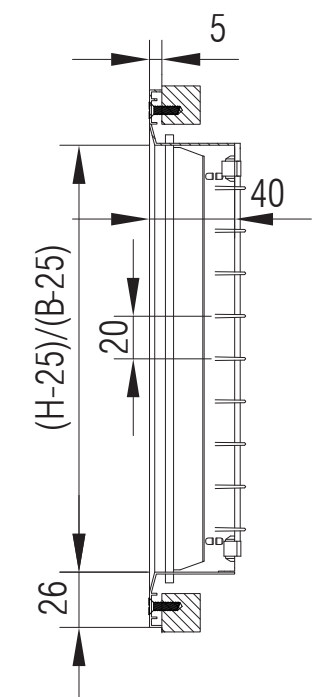
## OAV-2

- frame and blades made out of anodized aluminium profiles
- front row of vertical individually adjustable blades
- back row of horizontal individually adjustable blades
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall



### OPTIONS

- installation subframe
- L damper
- S damper



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## PRODUCT OVERVIEW

### DIMENSIONS

#### B x H

| B | 225 | - | 1225 | in increments<br>100 mm |
|---|-----|---|------|-------------------------|
| H | 75  | - | 525  | in increments<br>100 mm |

\*all combinations B x H are possible



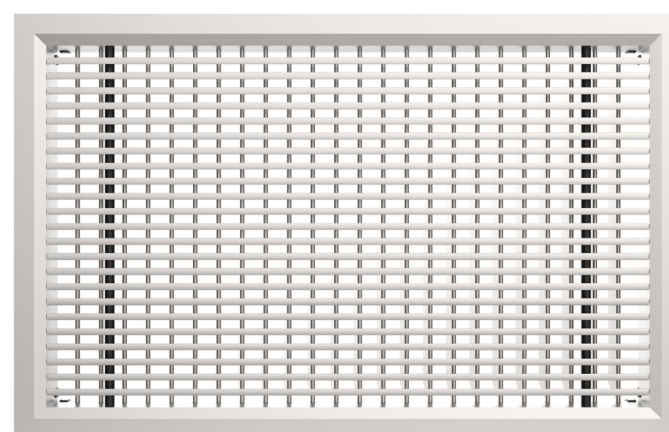
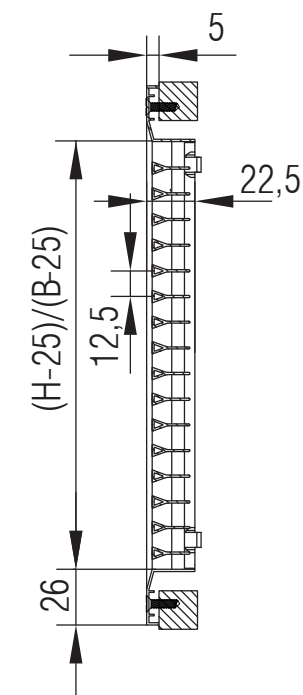
## OAB-1-0

- frame and blades made out of anodized aluminium profiles
- one row of horizontal fixed blades
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall



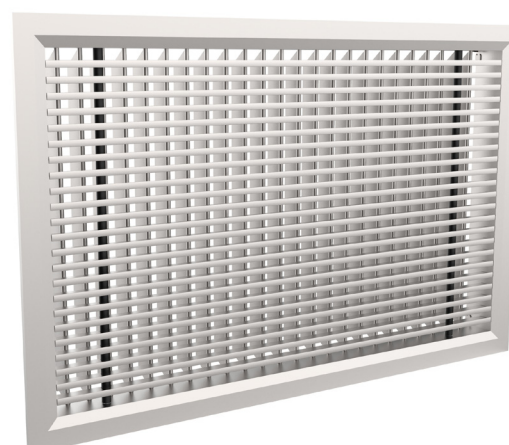
### OPTIONS

- installation subframe
- L damper
- S damper



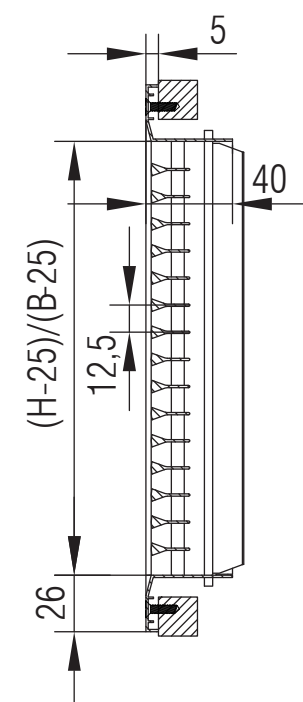
## OAB 2-0

- frame and blades made out of anodized aluminium profiles
- front row of horizontal adjustable blades
- back row of vertical adjustable blades
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall



### OPTIONS

- installation subframe
- L damper
- S damper



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## PRODUCT OVERVIEW

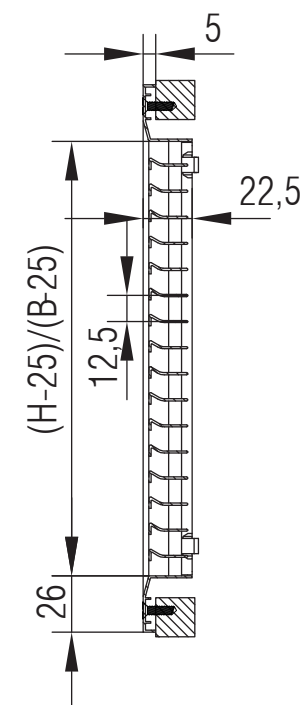
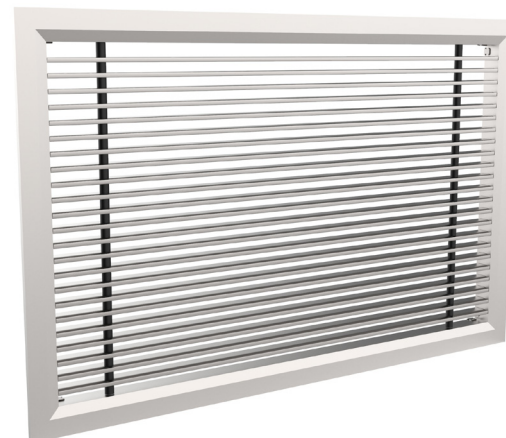
### DIMENSIONS

#### B x H

| B | 225 | - | 1225 | in increments<br>100 mm |
|---|-----|---|------|-------------------------|
| H | 75  | - | 525  | in increments<br>100 mm |

\*all combinations B x H are possible



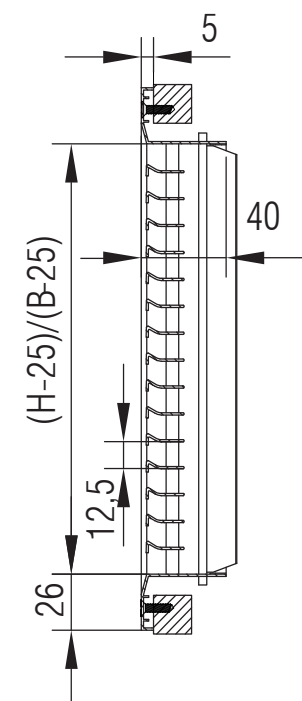
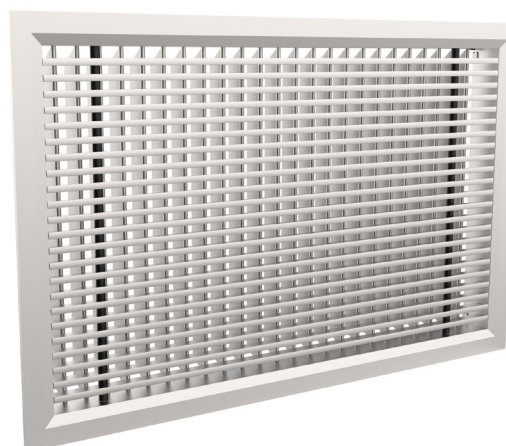
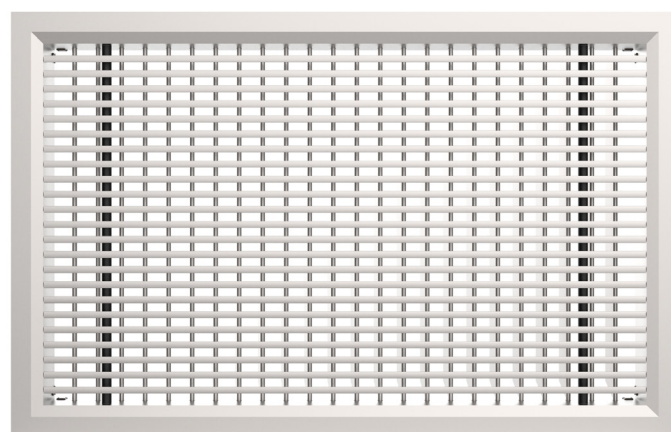


## OAB 1-15

- frame and blades made out of anodized aluminium profiles
- one row of horizontal fixed blades with deflection angle 15°
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall

### OPTIONS

- installation subframe
- L damper
- S damper



## OAB 2-15

- frame and blades made out of anodized aluminium profile:
- front row of horizontal fixed blades
- back row of vertical adjustable blades
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall

### OPTIONS

- installation subframe
- L damper
- S damper

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- ▼ [Steel grilles for round duct](#)
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- ▼ [Maintenance](#)

## PRODUCT OVERVIEW

### DIMENSIONS

#### B x H

| B | 225 | - | 1225 | in increments<br>100 mm |
|---|-----|---|------|-------------------------|
| H | 75  | - | 525  | in increments<br>100 mm |

\*all combinations B x H are possible



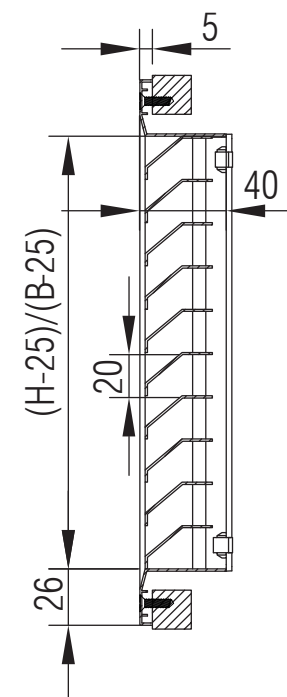
## OAN

- frame and blades made out of anodized aluminium profiles
- one row of horizontal fixed blades
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall



### OPTIONS

- installation subframe
- L damper



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- ▼ [Steel grilles](#)
- ▼ [Steel grilles for round duct](#)
- ▼ [Floor grilles](#)
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- ▼ [Diagrams](#)
- ▼ [Maintanace](#)

## PRODUCT OVERVIEW

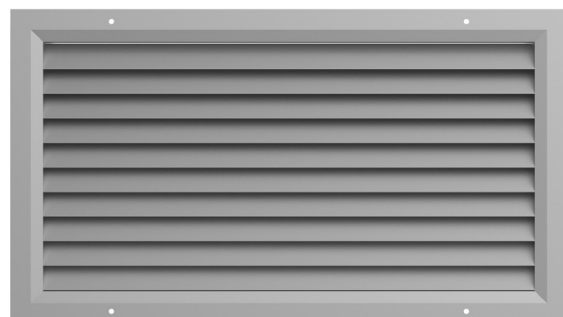
### DIMENSIONS

#### B x H

| B | 225 | - | 1225 | in increments<br>100 mm |
|---|-----|---|------|-------------------------|
| H | 75  | - | 525  | in increments<br>100 mm |

\*all combinations B x H are possible





## OAS

- frame and blades made out of anodized aluminium profiles
- one row of horizontal fixed blades
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall



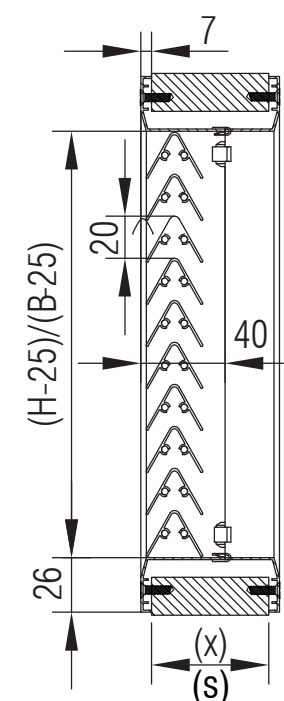
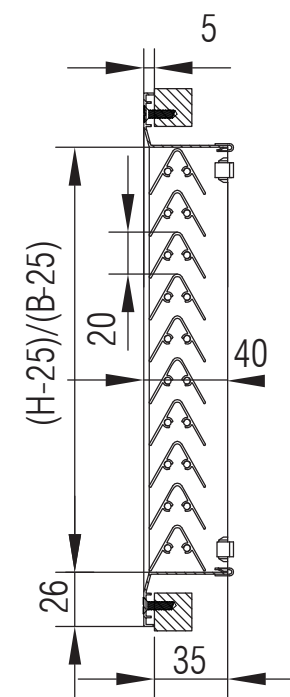
## OAS-R

- frame, counterframe and blades made out of anodized aluminium profiles
- one row of horizontal fixed blades
- counterframe for back side of the door
- fixing with visible screws (wall and ceiling)
- door width (s=37-50 mm)



### OPTIONS

- installation subframe



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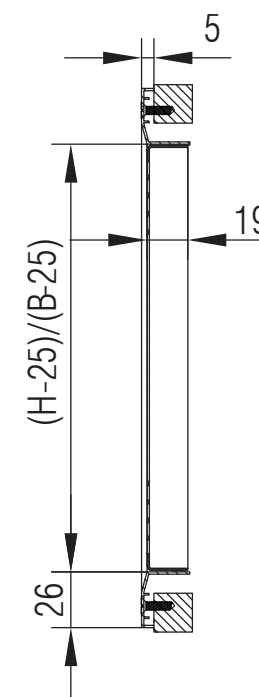
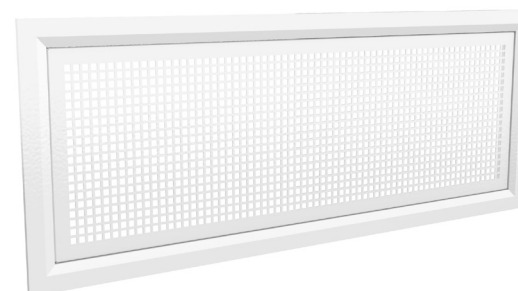
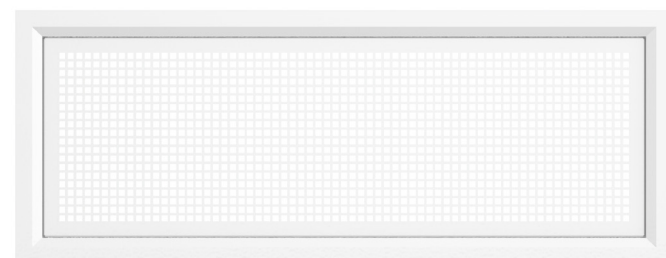
## PRODUCT OVERVIEW

### DIMENSIONS

#### B x H

|   |     |   |      |                         |
|---|-----|---|------|-------------------------|
| B | 225 | - | 1225 | in increments<br>100 mm |
| H | 75  | - | 525  | in increments<br>100 mm |

\*all combinations B x H are possible

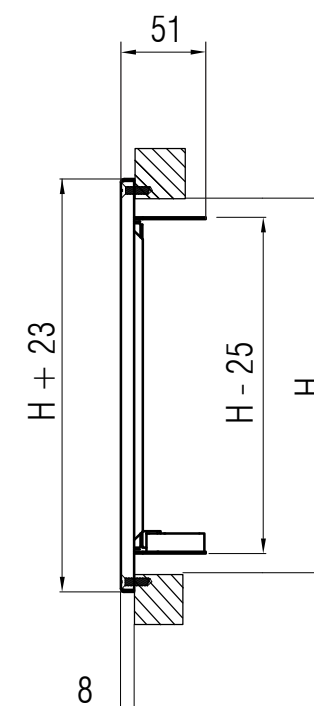
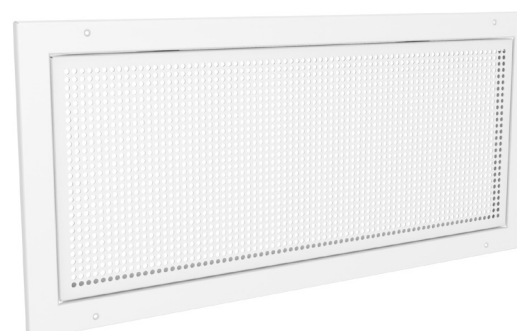


## OCM

- frame made out of anodized aluminium profiles
- fixed mesh of perforated steel sheet
- perforation 6x6mm, step 8,5mm
- powder coated in white RAL 9010
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall

### OPTIONS

- installation subframe
- L damper
- S damper



## PCR

- wall and ceiling installation
- frame made out of steel sheet profiles
- fixed mesh of perforated steel sheet
- round perforation 4mm, 40%
- powder coated in white RAL 9010
- fixing with visible screws
- perforated cover opens around axis on B side
- closing mechanism on back side of the cover

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## PRODUCT OVERVIEW

### DIMENSIONS

#### B x H

| B | 225 | - | 1225 | in increments<br>100 mm |
|---|-----|---|------|-------------------------|
| H | 75  | - | 525  | in increments<br>100 mm |

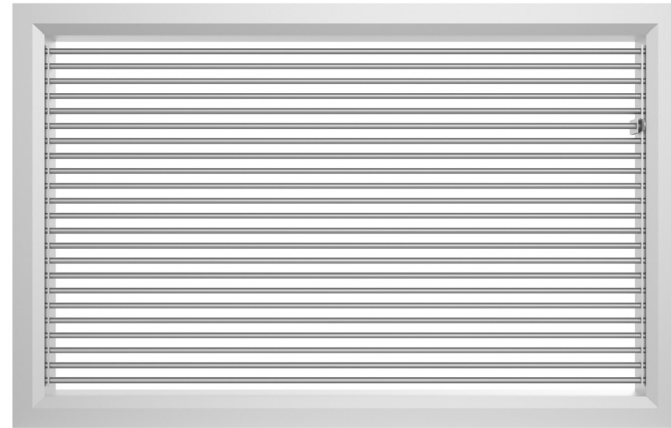
\*all combinations B x H are possible

### DIMENSIONS PCR

#### B x H

| B | 225 | - | 1225 | in increments<br>100 mm |
|---|-----|---|------|-------------------------|
| H | 125 | - | 525  | in increments<br>100 mm |

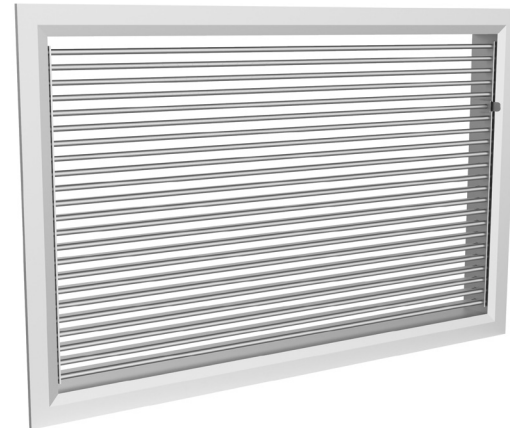
\*all combinations B x H are possible



## PTR

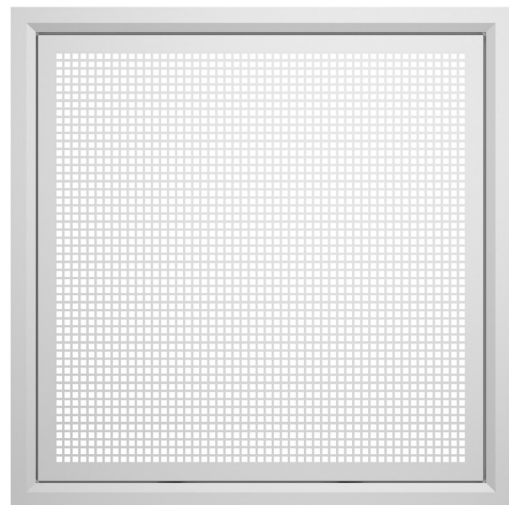
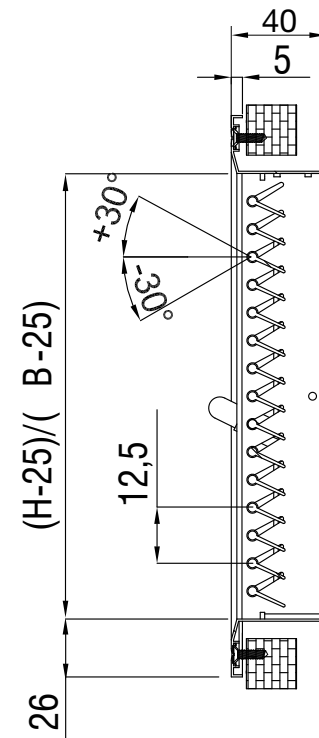
### Adjustable supply grille

- frame and blades made out of anodized aluminium profiles
- front row of horizontal adjustable, interconnected blades ( deflection angle  $\pm 30^\circ$  )
- fixing with visible screws (wall and ceiling)
- fixing with mounting frame (UR) only in wall



### OPTIONS

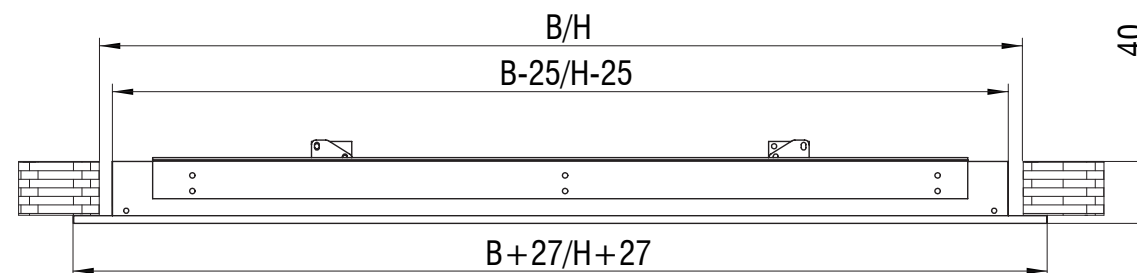
- installation subframe



## ORP

### Fan convector grilles

- frame and screen made out of anodized aluminium profiles
- installation in suspended ceiling
- free hanging perforated screen with click lock
- fixed with angle and M6 screws



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## PRODUCT OVERVIEW

### DIMENSIONS

#### B x H

|   |     |   |      |                         |
|---|-----|---|------|-------------------------|
| B | 225 | - | 1225 | in increments<br>100 mm |
| H | 75  | - | 525  | in increments<br>100 mm |

\*all combinations B x H are possible

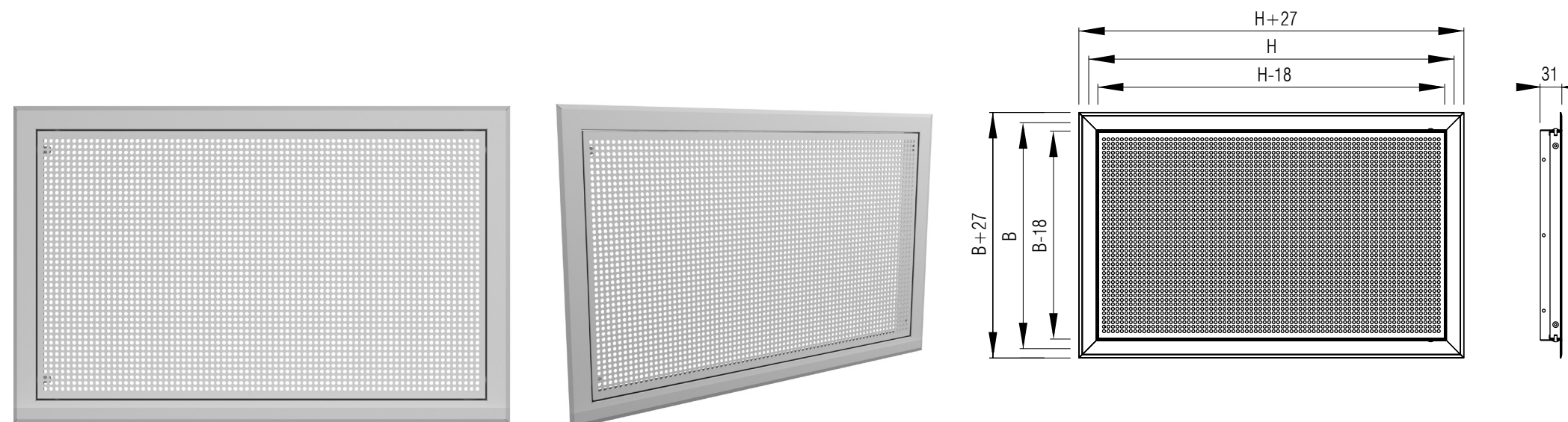
### DIMENSIONS ORP

#### B x H

|   |     |   |      |                         |
|---|-----|---|------|-------------------------|
| B | 200 | - | 1200 | in increments<br>100 mm |
| H | 200 | - | 1200 | in increments<br>100 mm |

\*all combinations B x H are possible





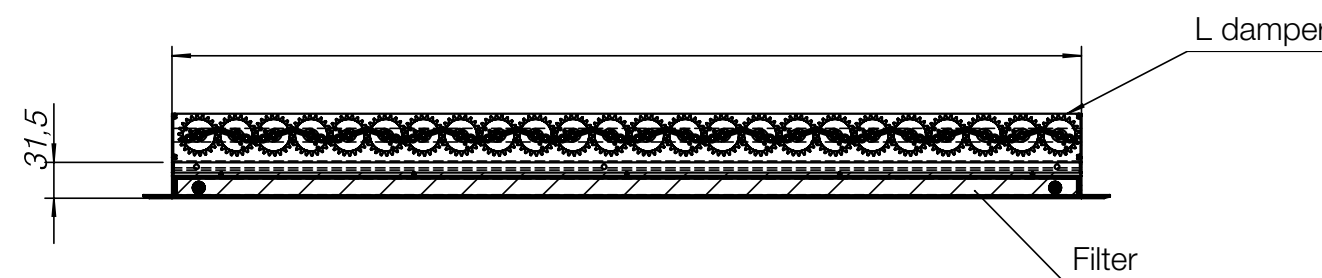
## OPR-CR

Exhaust surgical grille is designed for wall mounting in areas with specific requirements of purity (operating rooms).

- housing and perforated grille are made from stainless steel AISI 304.
- filter G4
- installation in Clean room panels
- installation dimensions B-10 x H-10 mm
- casing dimensions B+27 x H+27 mm

### OPTIONS

- stainless steel (AISI 316)
- polished surface
- G4 filter (OPR-CR-F)
- L damper installed (OPR-CR-L)

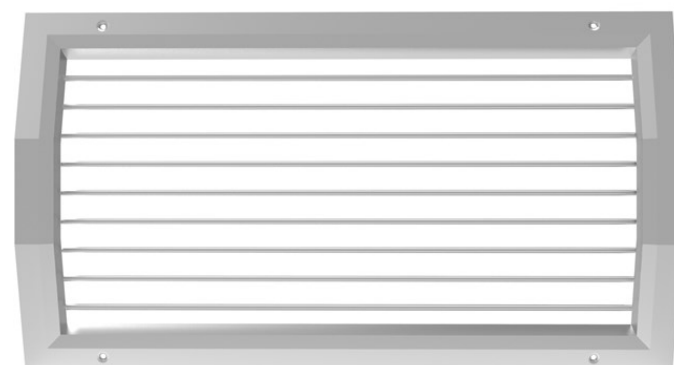


### DIMENSIONS OPR

| Nominal dimensions<br>B x H<br>(mm) | A <sub>ef</sub><br>(m <sup>2</sup> ) | Q <sub>nom</sub><br>[m <sup>3</sup> /h] | Δp <sub>nom</sub><br>(G4)<br>[Pa] | Δp <sub>nom</sub><br>(M5)<br>[Pa] | Δp <sub>max</sub><br>[Pa] |
|-------------------------------------|--------------------------------------|-----------------------------------------|-----------------------------------|-----------------------------------|---------------------------|
| 225 x 325                           | 0,017                                | 300                                     | 63                                | 85                                | 250                       |
| 275 x 275                           | 0,018                                | 310                                     | 63                                | 85                                | 250                       |
| 225 x 425                           | 0,024                                | 400                                     | 63                                | 85                                | 250                       |
| 225 x 525                           | 0,031                                | 500                                     | 63                                | 85                                | 250                       |
| 325 x 425                           | 0,039                                | 600                                     | 63                                | 85                                | 250                       |
| 325 x 525                           | 0,049                                | 755                                     | 64                                | 86                                | 250                       |
| 435 x 435                           | 0,056                                | 845                                     | 64                                | 86                                | 250                       |
| 325 x 625                           | 0,060                                | 905                                     | 64                                | 86                                | 250                       |
| 475 x 475                           | 0,069                                | 1020                                    | 64                                | 86                                | 250                       |

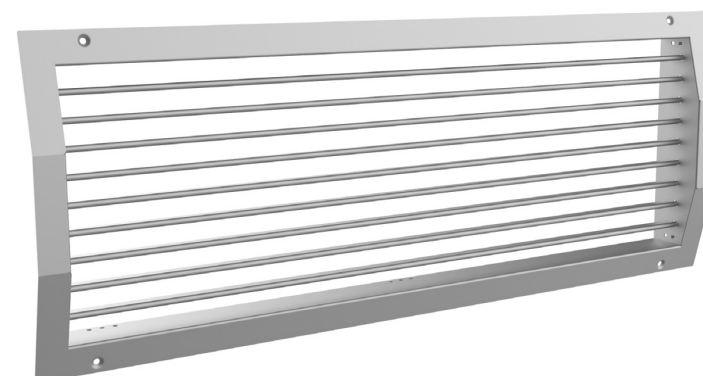
- ▼ [Aluminium grilles](#)
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### PRODUCT OVERVIEW



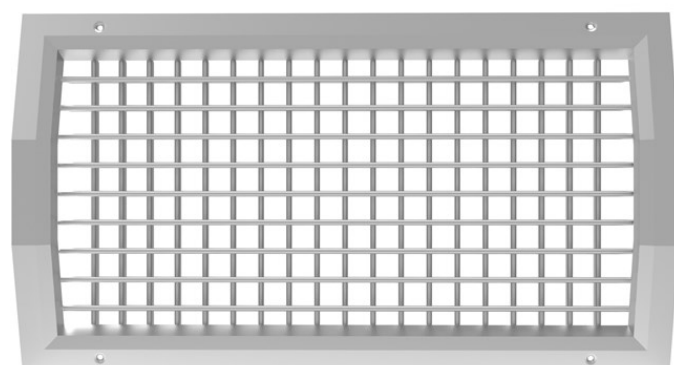
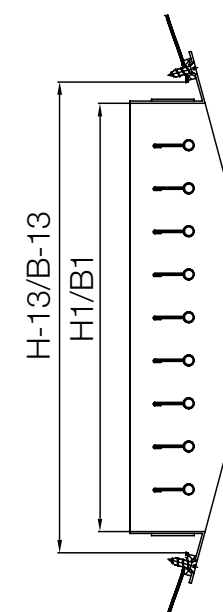
## CCH 1

- one row of horizontal individually adjustable blades
- frame and blades made out of galvanized steel
- fixing with screws
- installation on round duct



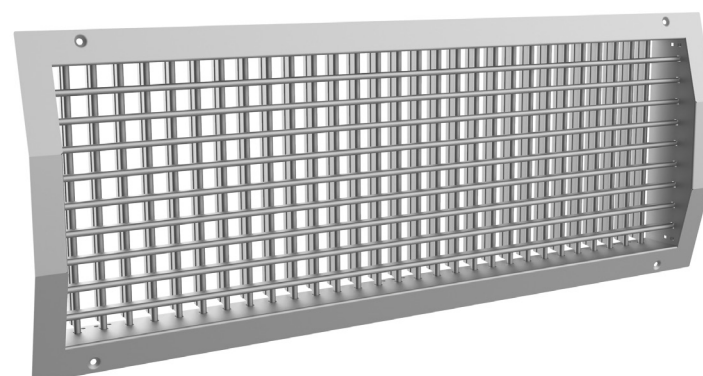
### OPTIONS

- L damper
- S damper



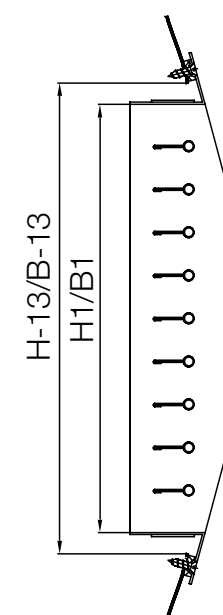
## CCH 2

- front row of horizontal individually adjustable blades
- back row of vertical individually adjustable blades
- frame and blades made out of galvanized steel
- fixing with screws
- installation on round duct



### OPTIONS

- L damper
- S damper



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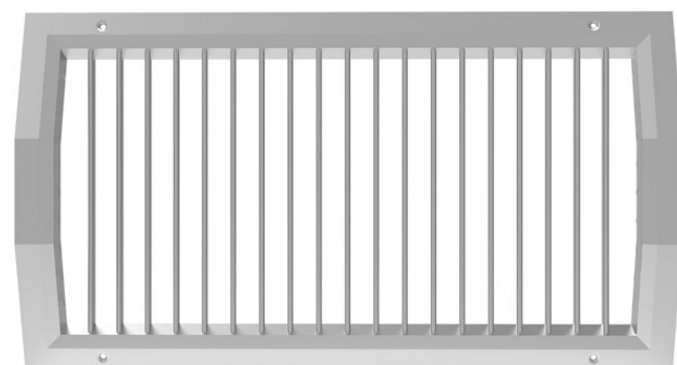
## PRODUCT OVERVIEW

### DIMENSIONS

#### B x H

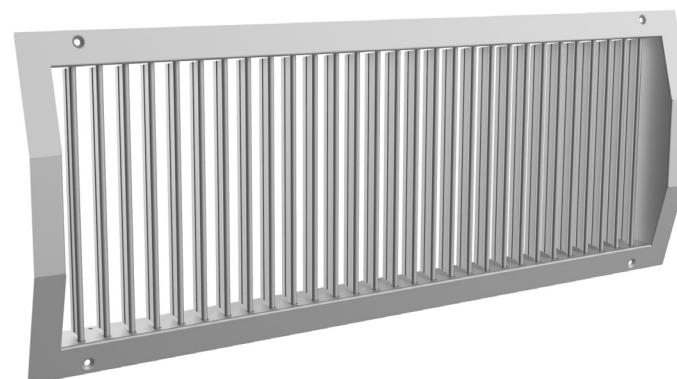
| B | 225               | - | 1225 | in increments<br>100 mm |
|---|-------------------|---|------|-------------------------|
| H | 75, 125 or 225 mm |   |      |                         |

\* B > H



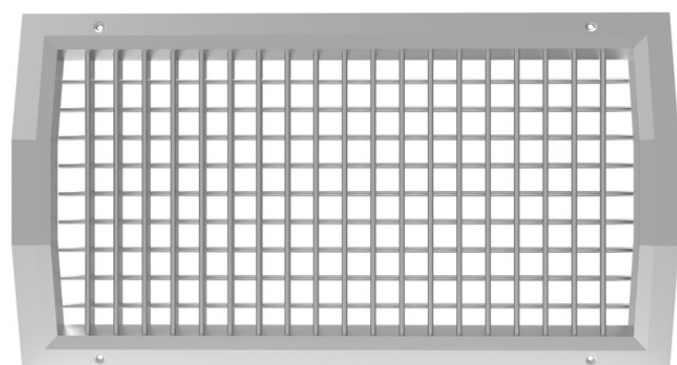
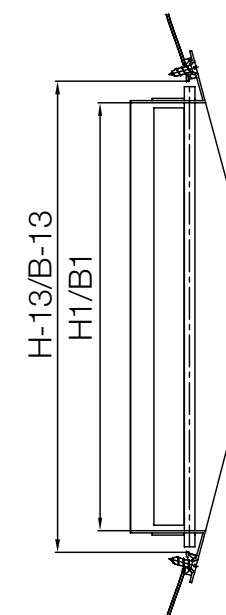
## CCV 1

- one row of vertical individually adjustable blades
- frame and blades made out of galvanized steel
- fixing with screws
- installation on round duct



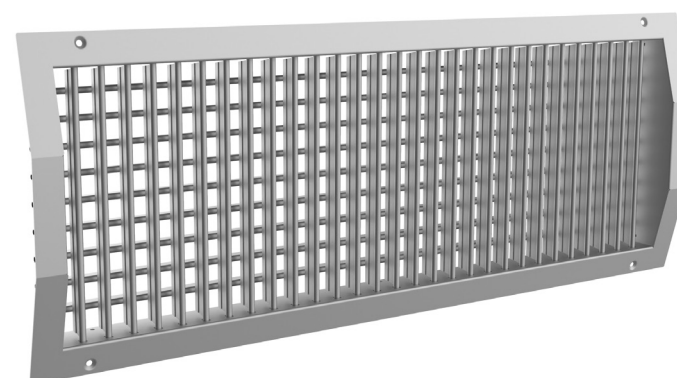
### OPTIONS

- L damper
- S damper



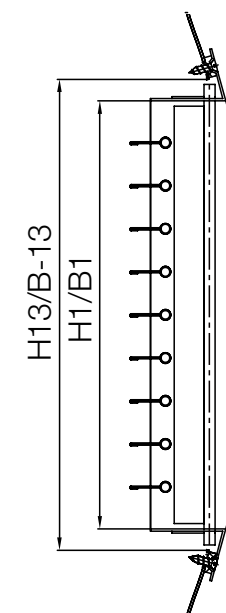
## CCV 2

- front row of vertical individually adjustable blades
- back row of horizontal individually adjustable blades
- frame and blades made out of galvanized steel
- fixing with screws
- installation on round duct



### OPTIONS

- L damper
- S damper



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## PRODUCT OVERVIEW

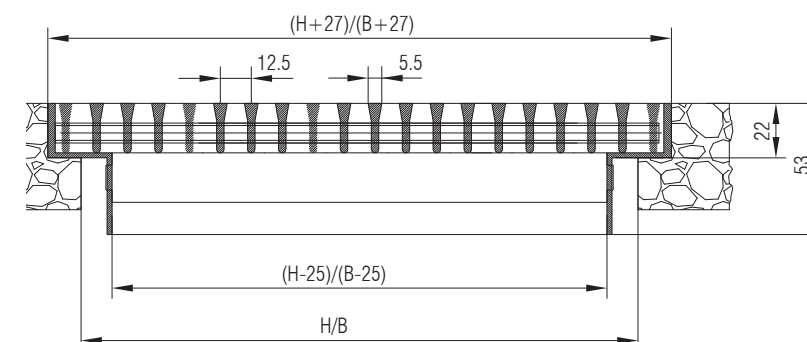
### DIMENSIONS

#### B x H

| B | 225               | - | 1225 | in increments<br>100 mm |
|---|-------------------|---|------|-------------------------|
| H | 75, 125 or 225 mm |   |      |                         |

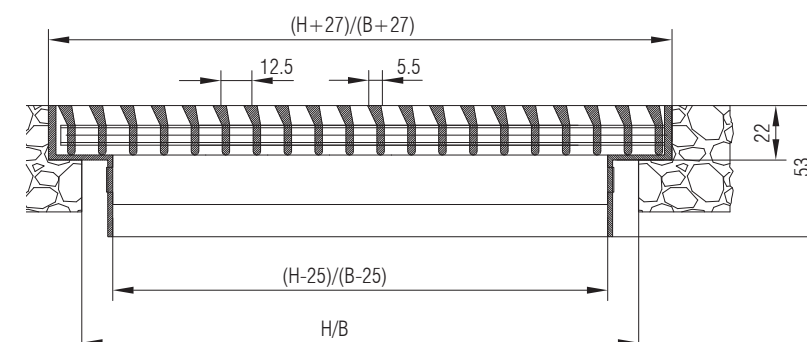
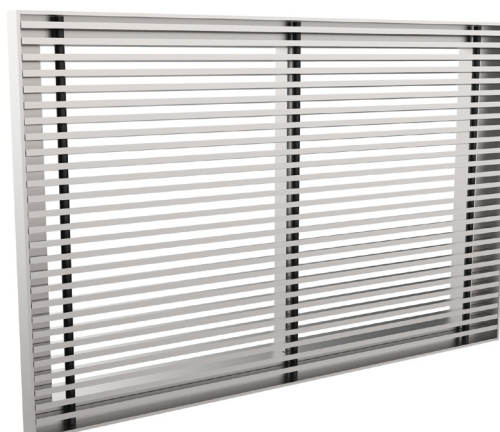
\* B > H





## NRA 0

- frame and blades made out of anodized aluminium profiles
- one row of fixed horizontal blades
- blade insert detachable from the frame
- fixing in floor



## NRA 15

- frame and blades made out of anodized aluminium profiles
- one row of fixed horizontal blades
- blade insert detachable from the frame
- fixing in floor

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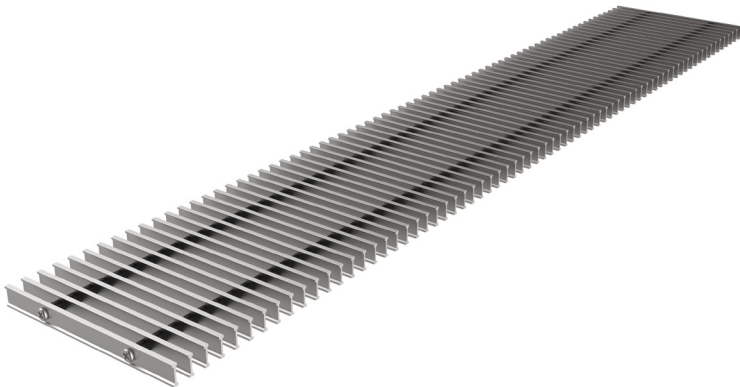
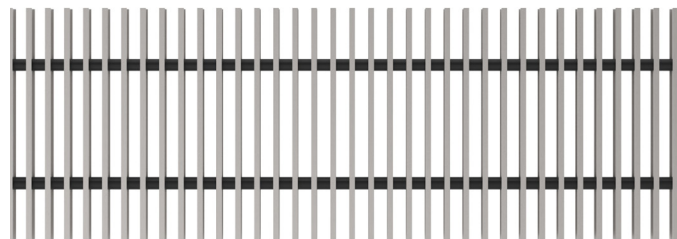
### PRODUCT OVERVIEW

#### DIMENSIONS

##### B x H

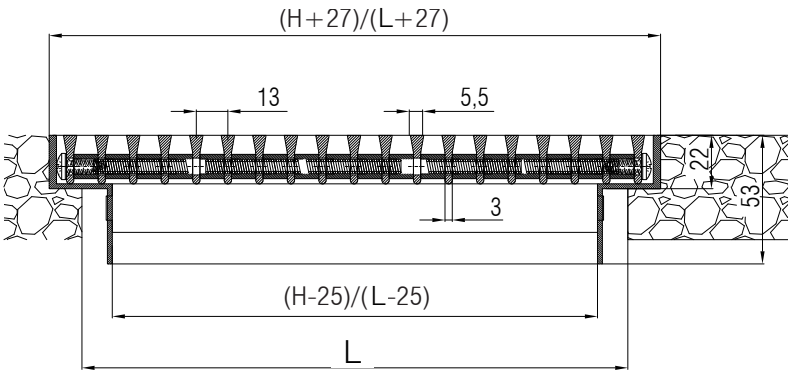
| B | 225 | - | 1225 | in increments<br>100 mm |
|---|-----|---|------|-------------------------|
| H | 75  | - | 525  | in increments<br>100 mm |

\*all combinations B x H are possible



NRK

- frame and blades made out of anodized aluminium profiles
- one row of fixed horizontal blades
- blade insert detachable from the frame
- fixing in floor
- standard widths: 254, 344, 444mm, other widths on special demand
- maximum grille length 5m



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PRODUCT OVERVIEW

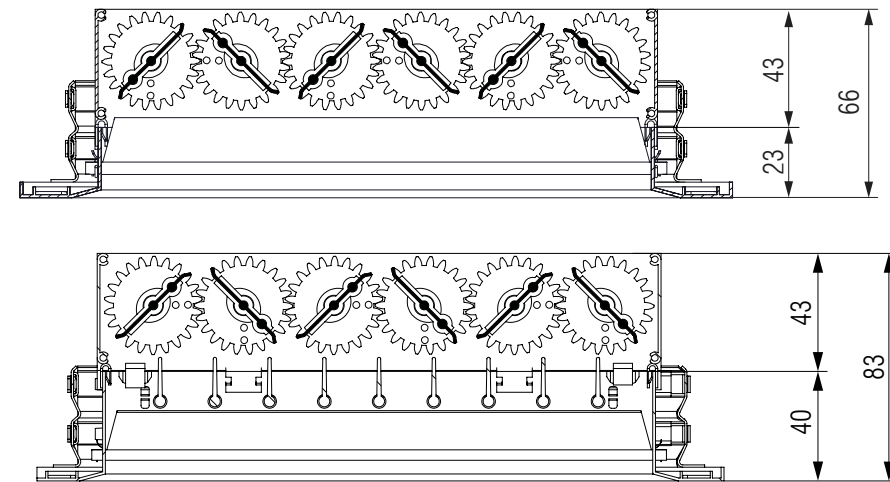
DIMENSIONS

| H x L |                 |
|-------|-----------------|
| H     | 254-344-444 mm  |
| L     | max. length 5 m |

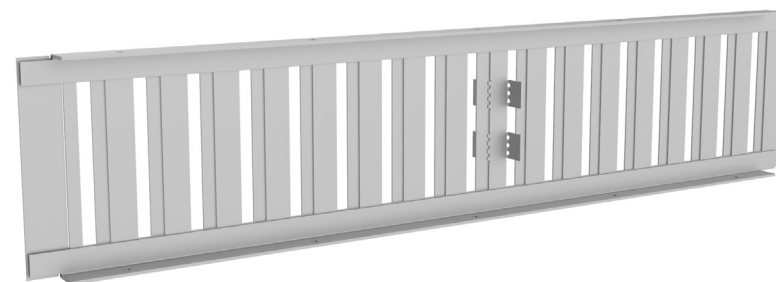
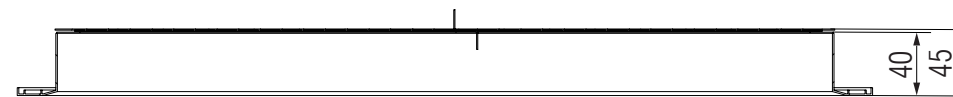
## Dampers



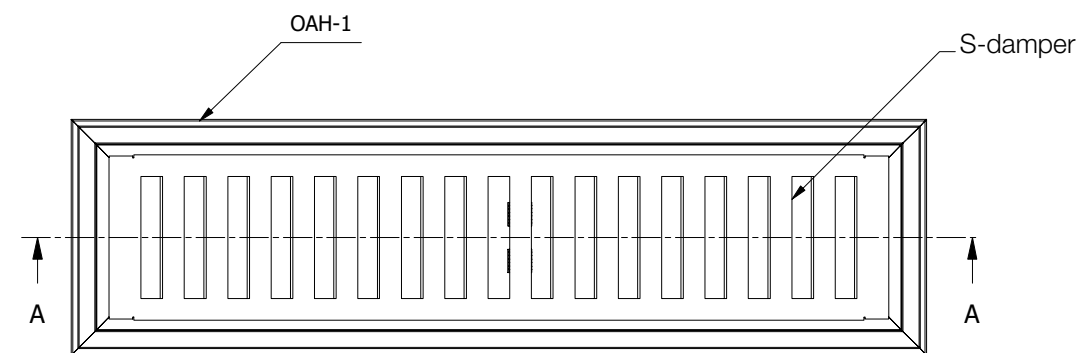
L - damper



A-A



S - damper



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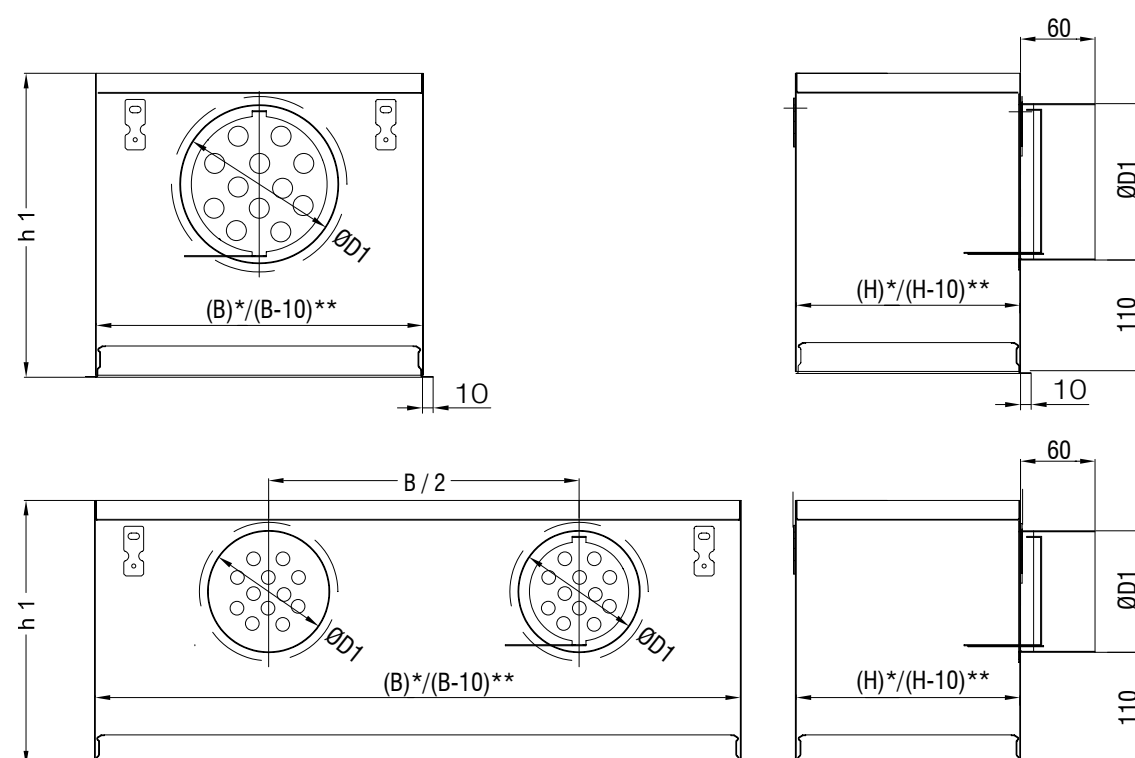
## DAMPERS



## Plenum box



## PK1



Note:

\* Dimensions PK for installation with subframe

\*\* Dimensions PK for installation without subframe

| PK1 / PK1-UR |         |          |                          |          |
|--------------|---------|----------|--------------------------|----------|
| B<br>mm      | H<br>mm | øD<br>mm | Number of<br>connections | h1<br>mm |
| 225          | 75      | 123      | 1                        | 265      |
| 325          | 75      | 158      | 1                        | 300      |
| 425          | 75      | 158      | 1                        | 300      |
| 525          | 75      | 158      | 1                        | 300      |
| 625          | 75      | 158      | 1                        | 300      |
| 725          | 75      | 158      | 1                        | 300      |
| 825          | 75      | 158      | 2                        | 300      |
| 925          | 75      | 158      | 2                        | 300      |
| 1025         | 75      | 158      | 2                        | 300      |
| 1125         | 75      | 158      | 2                        | 300      |
| 1225         | 75      | 158      | 2                        | 300      |
| 225          | 125     | 158      | 1                        | 300      |
| 325          | 125     | 158      | 1                        | 300      |
| 425          | 125     | 158      | 1                        | 300      |
| 525          | 125     | 158      | 1                        | 300      |
| 625          | 125     | 158      | 1                        | 300      |
| 725          | 125     | 158      | 1                        | 300      |
| 825          | 125     | 158      | 2                        | 300      |
| 925          | 125     | 158      | 2                        | 300      |
| 1025         | 125     | 158      | 2                        | 300      |
| 1125         | 125     | 158      | 2                        | 300      |
| 1225         | 125     | 158      | 2                        | 300      |
| 225          | 225     | 158      | 1                        | 300      |
| 325          | 225     | 158      | 1                        | 300      |
| 425          | 225     | 198      | 1                        | 340      |
| 525          | 225     | 198      | 1                        | 340      |
| 625          | 225     | 198      | 1                        | 340      |
| 725          | 225     | 198      | 1                        | 340      |
| 825          | 225     | 198      | 2                        | 340      |
| 925          | 225     | 198      | 2                        | 340      |
| 1025         | 225     | 198      | 2                        | 340      |
| 1125         | 225     | 198      | 2                        | 340      |
| 1225         | 225     | 198      | 2                        | 340      |

| PK1 / PK1-UR |         |          |                          |          |
|--------------|---------|----------|--------------------------|----------|
| B<br>mm      | H<br>mm | øD<br>mm | Number of<br>connections | h1<br>mm |
| 325          | 325     | 248      | 1                        | 390      |
| 425          | 325     | 248      | 1                        | 390      |
| 525          | 325     | 248      | 1                        | 390      |
| 625          | 325     | 248      | 1                        | 390      |
| 725          | 325     | 248      | 1                        | 390      |
| 825          | 325     | 248      | 2                        | 390      |
| 925          | 325     | 248      | 2                        | 390      |
| 1025         | 325     | 248      | 2                        | 390      |
| 1125         | 325     | 248      | 2                        | 390      |
| 1225         | 325     | 248      | 2                        | 390      |
| 425          | 425     | 248      | 1                        | 390      |
| 525          | 425     | 248      | 1                        | 390      |
| 625          | 425     | 248      | 1                        | 390      |
| 725          | 425     | 248      | 1                        | 390      |
| 825          | 425     | 248      | 2                        | 390      |
| 925          | 425     | 248      | 2                        | 390      |
| 1025         | 425     | 248      | 2                        | 390      |
| 1125         | 425     | 248      | 2                        | 390      |
| 1225         | 425     | 248      | 2                        | 390      |
| 525          | 525     | 313      | 1                        | 455      |
| 625          | 525     | 313      | 1                        | 455      |
| 725          | 525     | 313      | 1                        | 455      |
| 825          | 525     | 313      | 2                        | 455      |
| 925          | 525     | 313      | 2                        | 455      |
| 1025         | 525     | 313      | 2                        | 455      |
| 1125         | 525     | 313      | 2                        | 455      |
| 1225         | 525     | 313      | 2                        | 455      |

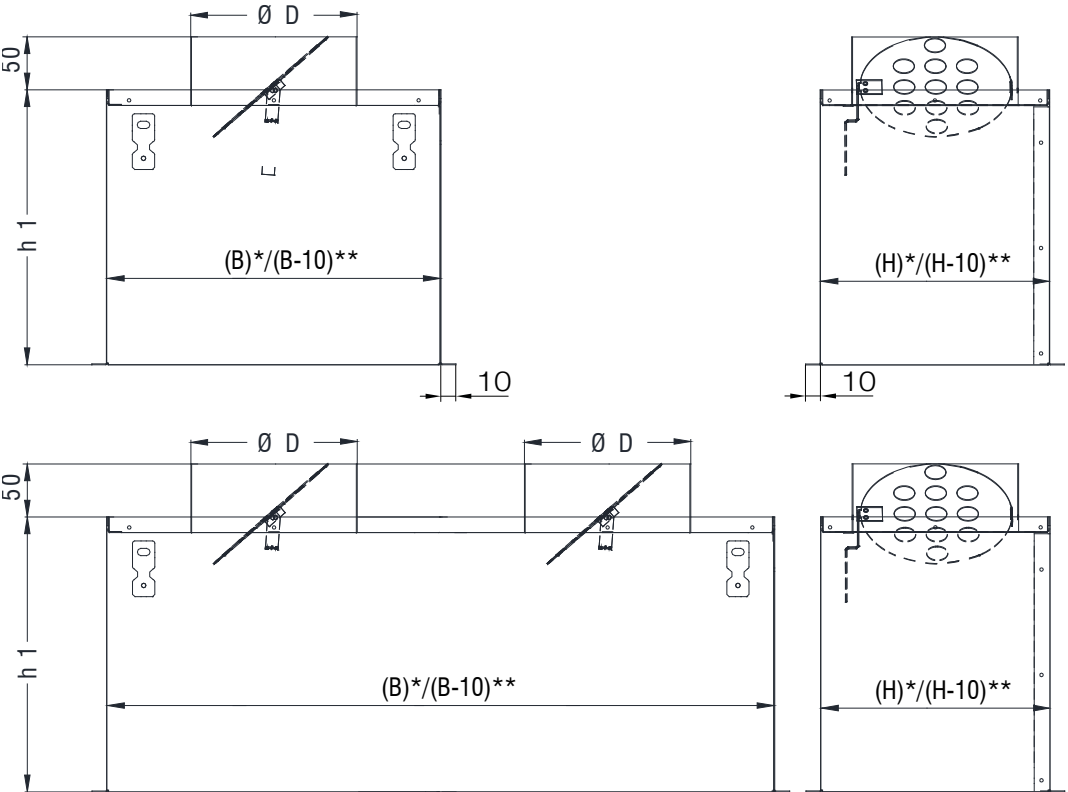
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## PLENUM BOX

Plenum box



PK2



| PK2 / PK2-UR |         |          |                          |          |
|--------------|---------|----------|--------------------------|----------|
| B<br>mm      | H<br>mm | øD<br>mm | Number of<br>connections | h1<br>mm |
| 225          | 125     | 98       | 1                        | 250      |
| 325          | 125     | 98       | 2                        | 250      |
| 425          | 125     | 98       | 2                        | 250      |
| 525          | 125     | 98       | 3                        | 250      |
| 625          | 125     | 98       | 3                        | 250      |
| 725          | 125     | 98       | 3                        | 250      |
| 825          | 125     | 98       | 3                        | 250      |
| 925          | 125     | 98       | 3                        | 250      |
| 1025         | 125     | 98       | 3                        | 250      |
| 1125         | 125     | 98       | 3                        | 250      |
| 1225         | 125     | 98       | 3                        | 250      |
| 225          | 225     | 158      | 1                        | 300      |
| 325          | 225     | 198      | 1                        | 340      |
| 425          | 225     | 198      | 1                        | 340      |
| 525          | 225     | 198      | 1                        | 340      |
| 625          | 225     | 198      | 2                        | 340      |
| 725          | 225     | 198      | 2                        | 340      |
| 825          | 225     | 198      | 2                        | 340      |
| 925          | 225     | 198      | 2                        | 340      |
| 1025         | 225     | 198      | 2                        | 340      |
| 1125         | 225     | 198      | 2                        | 340      |
| 1225         | 225     | 198      | 2                        | 340      |
| 325          | 325     | 248      | 1                        | 390      |
| 425          | 325     | 248      | 1                        | 390      |
| 525          | 325     | 248      | 1                        | 390      |
| 625          | 325     | 248      | 1                        | 390      |
| 725          | 325     | 248      | 1                        | 390      |
| 825          | 325     | 248      | 2                        | 390      |
| 925          | 325     | 248      | 2                        | 390      |
| 1025         | 325     | 248      | 2                        | 390      |
| 1125         | 325     | 248      | 2                        | 390      |
| 1225         | 325     | 248      | 2                        | 390      |

| PK2 / PK2-UR |         |          |                          |          |
|--------------|---------|----------|--------------------------|----------|
| B<br>mm      | H<br>mm | øD<br>mm | Number of<br>connections | h1<br>mm |
| 425          | 425     | 248      | 1                        | 390      |
| 525          | 425     | 248      | 1                        | 390      |
| 625          | 425     | 248      | 1                        | 390      |
| 725          | 425     | 248      | 1                        | 390      |
| 825          | 425     | 248      | 2                        | 390      |
| 925          | 425     | 248      | 2                        | 390      |
| 1025         | 425     | 248      | 2                        | 390      |
| 1125         | 425     | 248      | 2                        | 390      |
| 1225         | 425     | 248      | 2                        | 390      |
| 525          | 525     | 313      | 1                        | 455      |
| 625          | 525     | 313      | 1                        | 455      |
| 725          | 525     | 313      | 1                        | 455      |
| 825          | 525     | 313      | 2                        | 455      |
| 925          | 525     | 313      | 2                        | 455      |
| 1025         | 525     | 313      | 2                        | 455      |
| 1125         | 525     | 313      | 2                        | 455      |
| 1225         | 525     | 313      | 2                        | 455      |

- ▼ Aluminium grilles
- ▼ Steel grilles
- ▼ Steel grilles for round duct
- ▼ Floor grilles
- ▼ Ordering key
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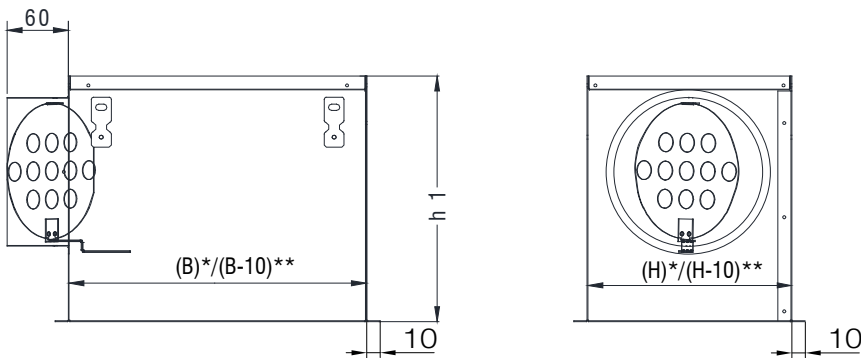
PLENUM BOX

Note:  
\* Dimensions PK for installation with subframe  
\*\* Dimensions PK for installation without subframe

Plenum box



PK3



PK3 / PK3-UR

| B<br>mm | H<br>mm | øD<br>mm | Number of<br>connections | h1<br>mm |
|---------|---------|----------|--------------------------|----------|
| 225     | 125     | 98       | 1                        | 250      |
| 325     | 125     | 98       | 1                        | 250      |
| 425     | 125     | 98       | 1                        | 250      |
| 525     | 125     | 98       | 1                        | 250      |
| 625     | 125     | 98       | 1                        | 250      |
| 725     | 125     | 98       | 1                        | 250      |
| 825     | 125     | 98       | 1                        | 250      |
| 925     | 125     | 98       | 1                        | 250      |
| 1025    | 125     | 98       | 1                        | 250      |
| 1125    | 125     | 98       | 1                        | 250      |
| 1225    | 125     | 98       | 1                        | 250      |
| 225     | 225     | 158      | 1                        | 300      |
| 325     | 225     | 198      | 1                        | 340      |
| 425     | 225     | 198      | 1                        | 340      |
| 525     | 225     | 198      | 1                        | 340      |
| 625     | 225     | 198      | 1                        | 340      |
| 725     | 225     | 198      | 1                        | 340      |
| 825     | 225     | 198      | 1                        | 340      |
| 925     | 225     | 198      | 1                        | 340      |
| 1025    | 225     | 198      | 1                        | 340      |
| 1125    | 225     | 198      | 1                        | 340      |
| 1225    | 225     | 198      | 1                        | 340      |
| 325     | 325     | 248      | 1                        | 390      |
| 425     | 325     | 248      | 1                        | 390      |
| 525     | 325     | 248      | 1                        | 390      |
| 625     | 325     | 248      | 1                        | 390      |
| 725     | 325     | 248      | 1                        | 390      |
| 825     | 325     | 248      | 1                        | 390      |
| 925     | 325     | 248      | 1                        | 390      |
| 1025    | 325     | 248      | 1                        | 390      |
| 1125    | 325     | 248      | 1                        | 390      |
| 1225    | 325     | 248      | 1                        | 390      |

PK3 / PK3-UR

| B<br>mm | H<br>mm | øD<br>mm | Number of<br>connections | h1<br>mm |
|---------|---------|----------|--------------------------|----------|
| 425     | 425     | 248      | 1                        | 390      |
| 525     | 425     | 248      | 1                        | 390      |
| 625     | 425     | 248      | 1                        | 390      |
| 725     | 425     | 248      | 1                        | 390      |
| 825     | 425     | 248      | 1                        | 390      |
| 925     | 425     | 248      | 1                        | 390      |
| 1025    | 425     | 248      | 1                        | 390      |
| 1125    | 425     | 248      | 1                        | 390      |
| 1225    | 425     | 248      | 1                        | 390      |
| 525     | 525     | 313      | 1                        | 455      |
| 625     | 525     | 313      | 1                        | 455      |
| 725     | 525     | 313      | 1                        | 455      |
| 825     | 525     | 313      | 1                        | 455      |
| 925     | 525     | 313      | 1                        | 455      |
| 1025    | 525     | 313      | 1                        | 455      |
| 1125    | 525     | 313      | 1                        | 455      |
| 1225    | 525     | 313      | 1                        | 455      |

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PLENUM BOX

Note:  
\* Dimensions PK for installation with subframe  
\*\* Dimensions PK for installation without subframe



| GRILLE | DAMPER |   | OPTIONS |     |     |                            |                             |                            |
|--------|--------|---|---------|-----|-----|----------------------------|-----------------------------|----------------------------|
|        | L      | S | UR      | PUR | RAL | Linear grille<br>B >1225mm | Plenum box<br>PK1, PK2, PK3 | Removable<br>filter insert |
| OAH    | •      | • | •       | •   | •   |                            | •                           |                            |
| OAV    | •      | • | •       | •   | •   | •                          | •                           |                            |
| OAB    | •      | • | •       | •   | •   | •                          | •                           |                            |
| OAN    | •      |   | •       | •   | •   |                            | •                           |                            |
| OAS    |        |   | •       | •   | •   |                            |                             |                            |
| OAS-R  |        |   |         |     | •   |                            |                             |                            |
| OCM    | •      | • | •       | •   | •   |                            | •                           | •                          |
| PTR    |        |   | •       | •   | •   |                            | •                           |                            |
| ORP    |        |   |         |     | •   |                            |                             | •                          |
| PCR    |        |   |         |     | •   |                            |                             | •                          |
| CCH    | •      | • |         |     | •   |                            |                             |                            |
| CCV    | •      | • |         |     | •   |                            |                             |                            |
| NRA    |        |   |         |     | •   | •                          |                             |                            |
| NRK    |        |   |         |     | •   | •                          |                             |                            |
| OPR-CR | •      |   |         |     |     |                            |                             | •                          |

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## ORDERING KEY

## AIR DISTRIBUTION

### ORDERING KEY

| (1) Grille type                                                                                 | (2) Damper | (3) Installation subframe | (4) Dimensions [mm]                                                                                                                                                                                                                | (5) Filter  | (6) Color    |
|-------------------------------------------------------------------------------------------------|------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| <b>OAB-2-15</b>                                                                                 | <b>- L</b> | <b>- UR</b>               | <b>- 425 x 125</b>                                                                                                                                                                                                                 | <b>- G2</b> | <b>- RAL</b> |
| (1) Grille type:<br><b>OAH, OAV, OAB, OAS, OAS-R, OCM, OAN, ORP, PTR, CCH, CCV, PCR, OPR-CR</b> |            |                           | (4) Dimensions:<br>Dimensions PCR: <b>225-1225 x 125-525</b> [mm]<br>Dimensions CCH, CCV: <b>225-1225 x 75,125,225</b> [mm]<br>Dimensions ORP: <b>200-1200 x 200-1200</b> [mm]<br>Dimensions OPR-CR: <b>225-475 x 275-625</b> [mm] |             |              |
| (2) Damper: <b>L, S</b>                                                                         |            |                           | (5) Filter: <b>G2</b> or <b>G4</b>                                                                                                                                                                                                 |             |              |
| (3) Installation subframe: <b>UR</b><br>Preparation for subframe: <b>PUR</b>                    |            |                           | (6) Color: <b>RAL</b>                                                                                                                                                                                                              |             |              |

### ORDERING KEY PLENUM BOX

| (1) Plenum box type                       | (2) Installation subframe | (3) Dimensions [mm]                            |
|-------------------------------------------|---------------------------|------------------------------------------------|
| <b>PK1</b>                                | <b>- UR</b>               | <b>- 525 x 225</b>                             |
| (1) Plenum box type: <b>PK1, PK2, PK3</b> |                           | (3) Dimensions: <b>225-1225 x 125-525</b> [mm] |

(2) Installation subframe: **UR**

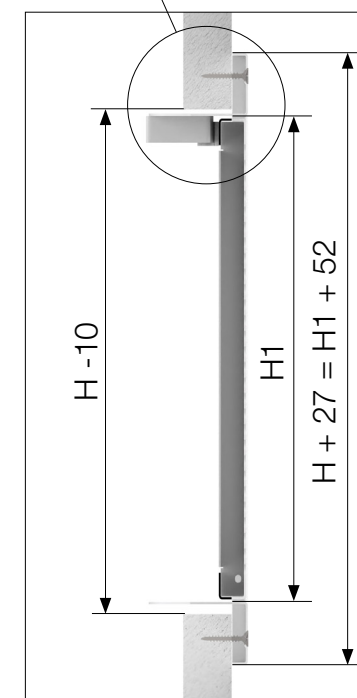
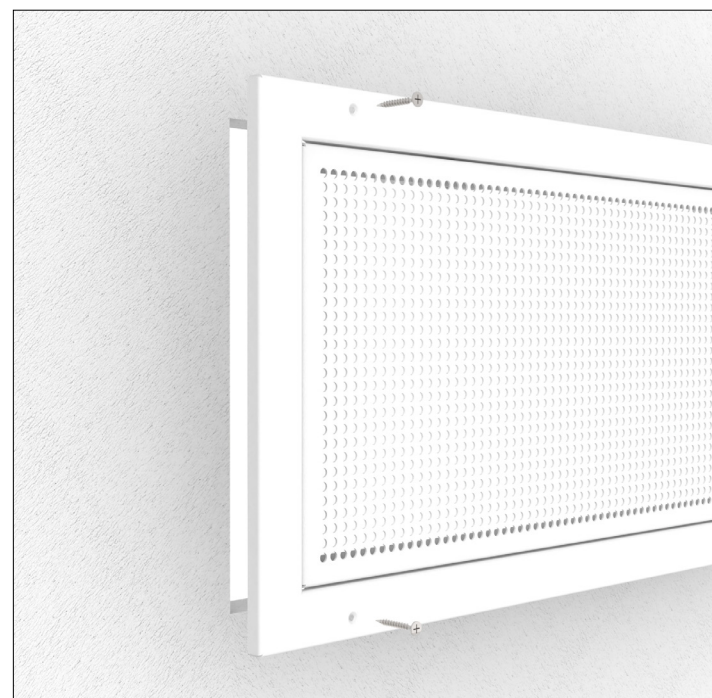
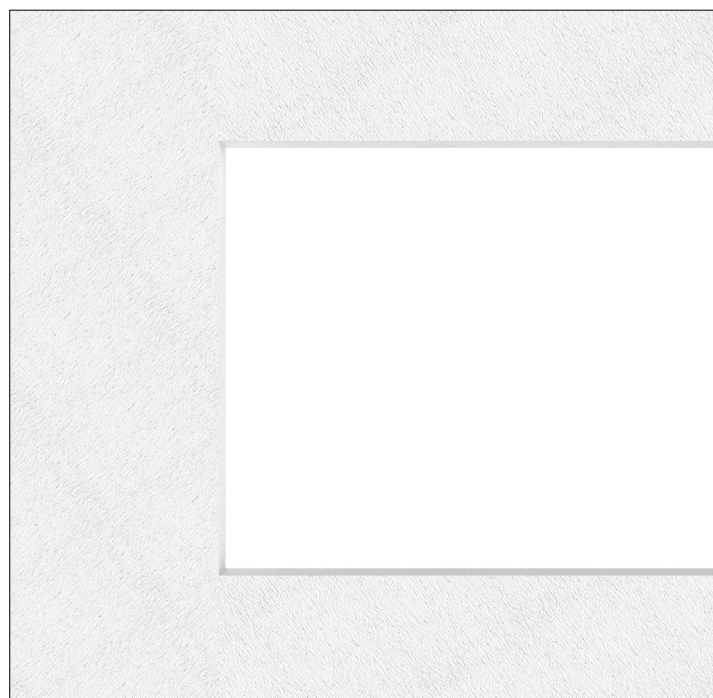
\*If plenum is ordered with UR, then grille should be ordered with the preparation for subframe - PUR

### ORDERING KEY NRA, NRK

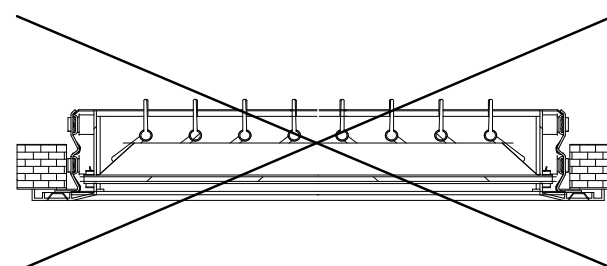
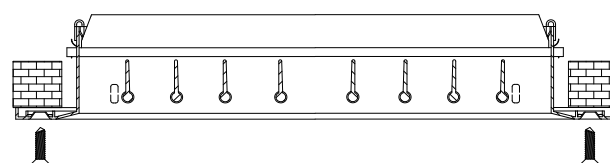
| (1) Grille type                                 | (2) Installation frame | (4) Dimensions [mm]                                                                                 | (6) Color    |
|-------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------|--------------|
| <b>NRA</b>                                      | <b>- UL</b>            | <b>- 425 x 125</b>                                                                                  | <b>- RAL</b> |
| (1) Grille type: <b>NRA, NRK</b>                |                        | (3) Dimensions NRA: <b>225-1225 x 75-525</b> [mm]<br>Dimensions NRK: <b>500-5000 x 254-444</b> [mm] |              |
| (2) Installation frame: <b>UL</b> - only insert |                        | (4) Color: <b>RAL</b>                                                                               |              |

## Installation instructions

Wall installation without subframe



Ceiling installation



Installation in the ceiling is only allowed with visible screws. Do not install the ventilation grilles in the ceiling with installation subframe.

\* Screws are not supplied with grilles

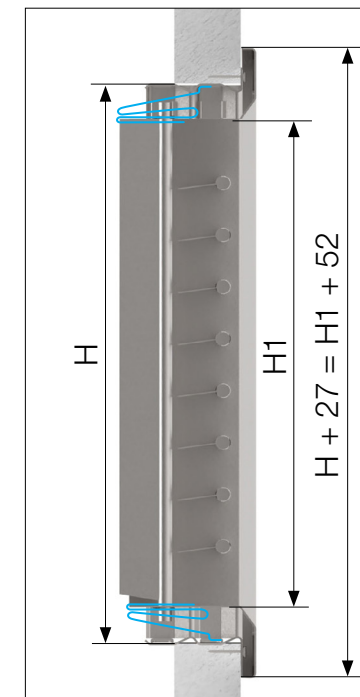
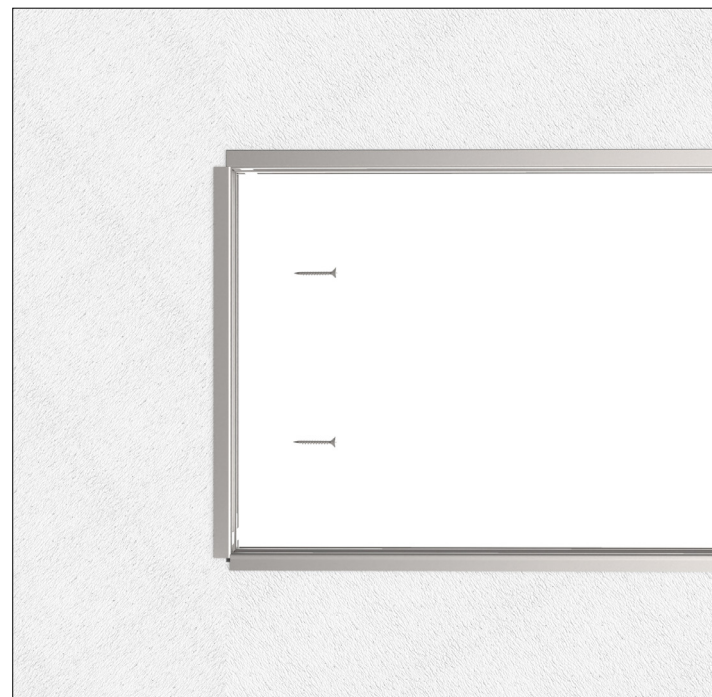
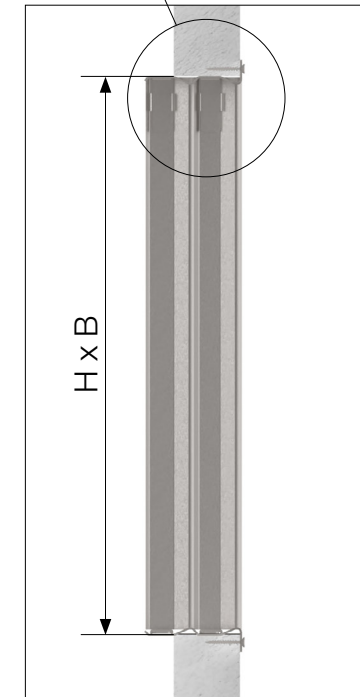
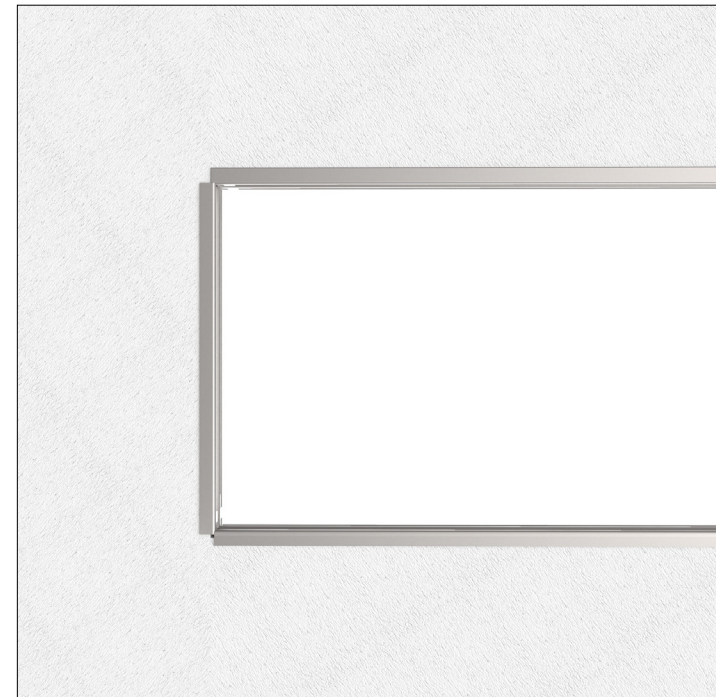
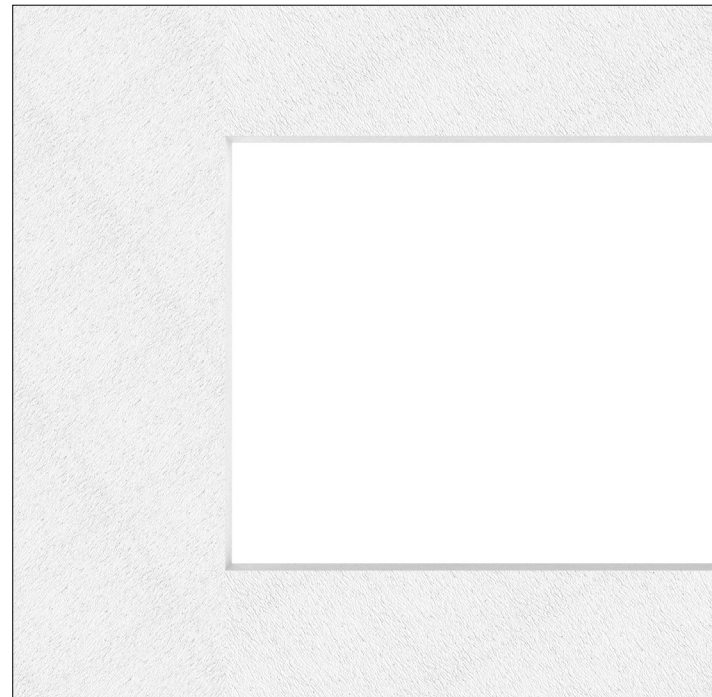
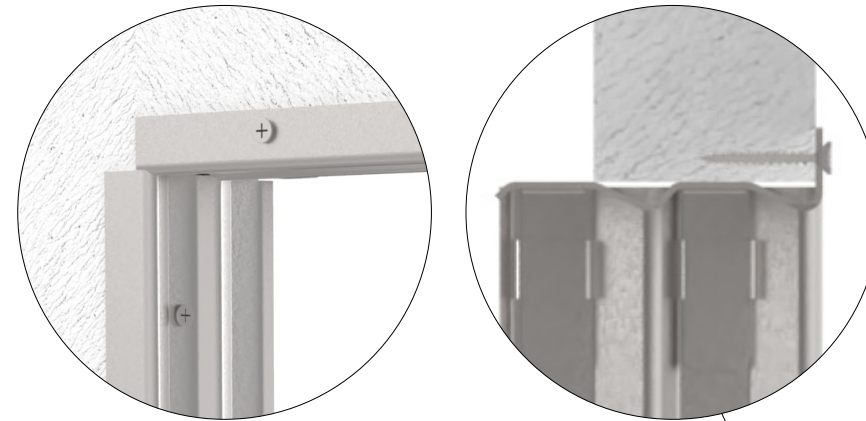
\* Screws for grille fastening 3,9xL ( DIN 7972, 7973, 7982, 7983)

- ▼ [Aluminium grilles](#)
- ▼ [Steel grilles](#)
- ▼ [Steel grilles for round duct](#)
- ▼ [Floor grilles](#)
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INSTALLATION

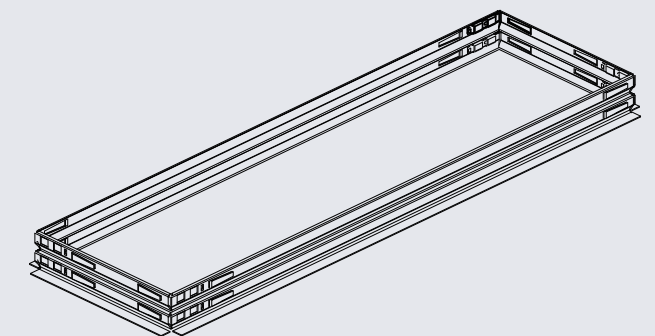
## Installation instructions

### Subframe installation



- ▼ [Aluminium grilles](#)
- ▼ [Steel grilles](#)
- ▼ [Steel grilles for round duct](#)
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## INSTALLATION

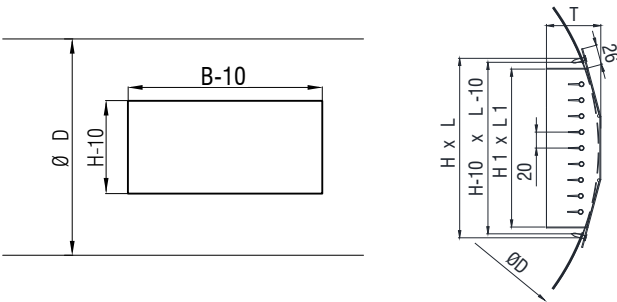




Installation instructions

CCV installation

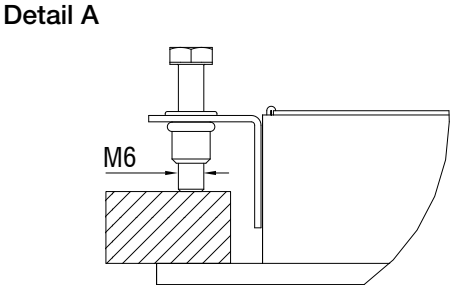
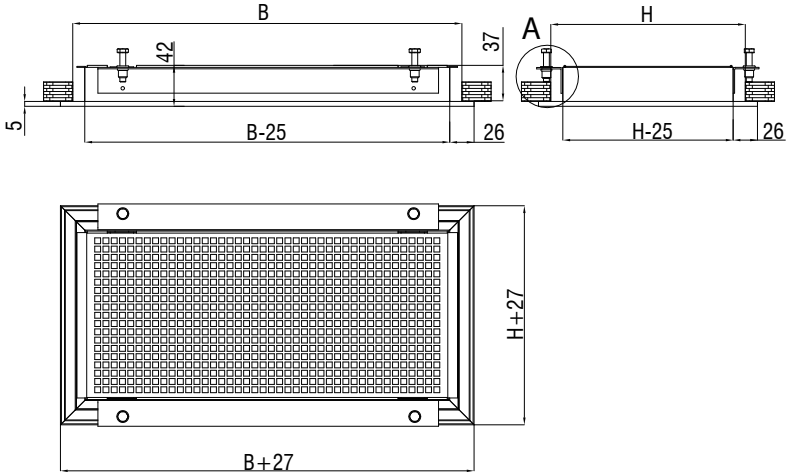
- Note: make sure that the grille height H fits for installation on a round duct with diameter øD



| B [mm] | H [mm] | T [mm] | øD [mm] | B [mm] | H [mm] | T [mm] | øD [mm] | B [mm] | H [mm] | T [mm] | øD [mm] |
|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|---------|
| 225    | x      | 75     | 150     | 225    | x      | 125    | 300     | 225    | x      | 225    | 600     |
| 325    | x      | 75     |         | 325    | x      | 125    |         | 325    | x      | 225    |         |
| 425    | x      | 75     |         | 425    | x      | 125    |         | 425    | x      | 225    |         |
| 525    | x      | 75     | 40      | 525    | x      | 125    | 45      | 525    | x      | 225    | 55      |
| 625    | x      | 75     |         | 625    | x      | 125    |         | 625    | x      | 225    |         |
| 825    | x      | 75     |         | 825    | x      | 125    |         | 825    | x      | 225    |         |
| 1125   | x      | 75     | 400     | 1125   | x      | 125    | 900     | 1125   | x      | 225    | 2400    |

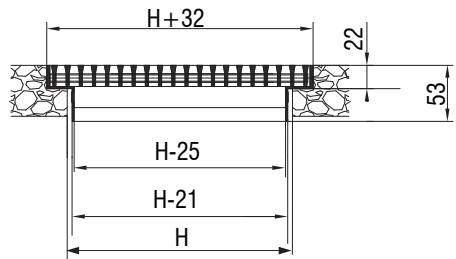
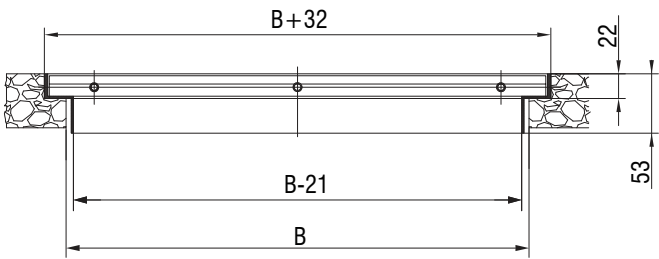
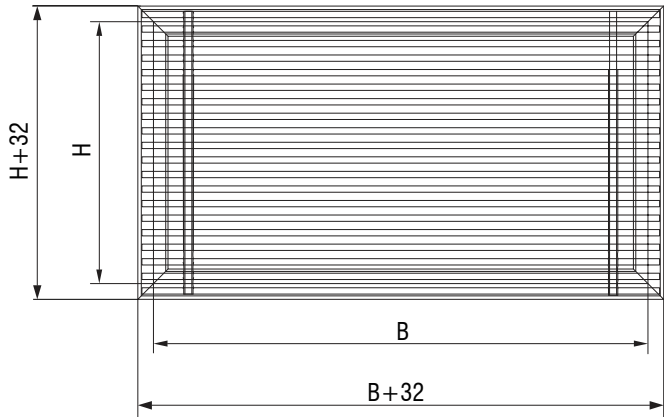
ORP installation

- First, the grille subframe is placed into the ceiling and then the bracelets suspension are fixed to the inner side of the ceiling.
- Perforated plate is then pushed trough the installation subframe above the ceiling, to be finally lowered to the frame.



NRA and NRK installation

- fix the frame in the floor opening
- grille core is laid loose in the frame so it can be easily removed



- Aluminium grilles
- Steel grilles
- Steel grilles for round duct
- Floor grilles
- Ordering key
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INSTALLATION



## Installation instructions



## Linear grilles OAV, OAB

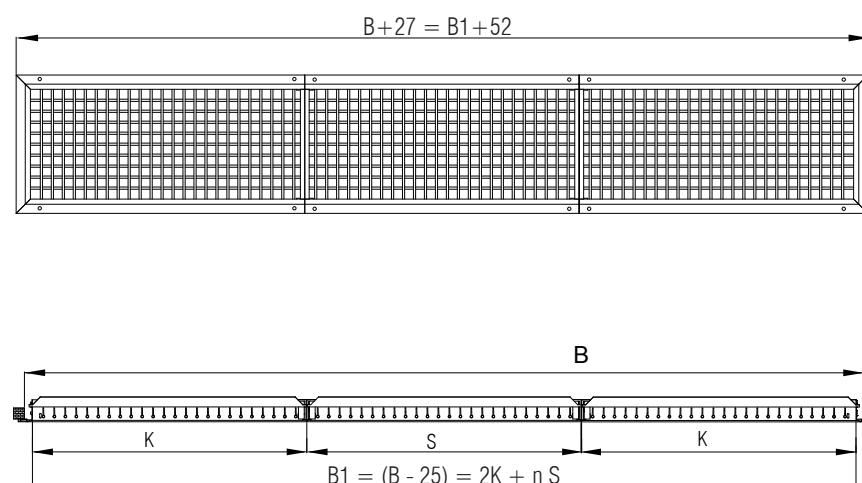
- for width more than 1225mm
- fixing with screws
- standard sizes H: 75, 125, 225, 325

### OPTIONS

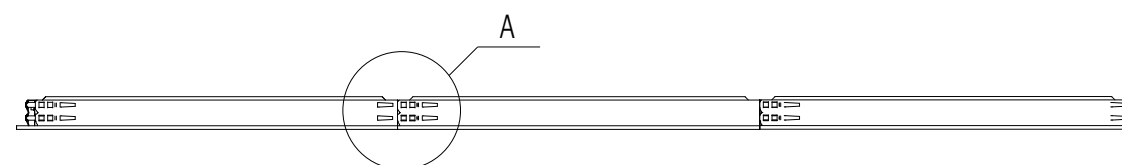
- installation subframe
- flow damper
- plenum box
- installation subframe and damper made from multiple parts

### DIMENSIONS

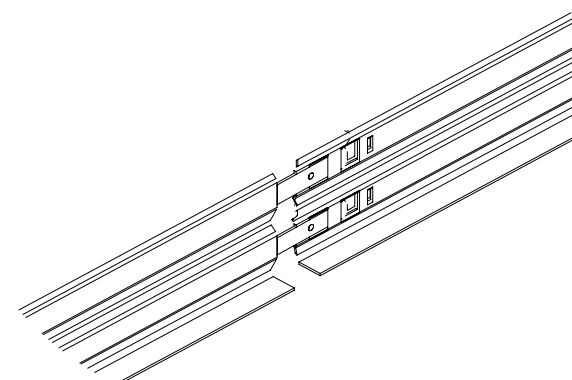
Linear grille (B > 1225mm)



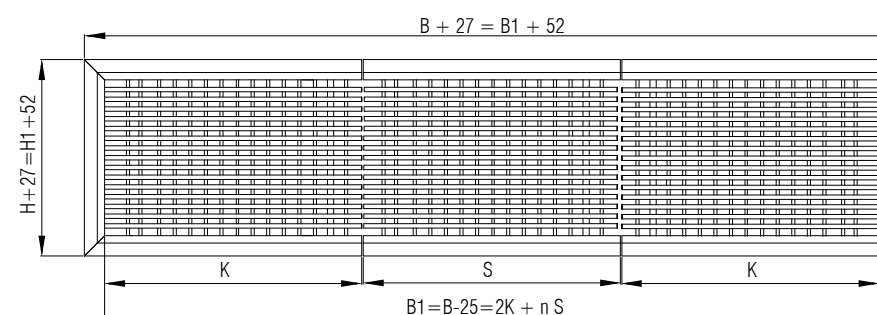
Inline connection of subframes



Detail A (subframe joint)



Linear grille OAB1-0 + BxH (B1 > 2400mm)



- \* K – end section
- S – connecting section
- n – number of connecting sections
- (1200 < B1 < 2400) – two end sections
- (B1 > 2400) – two end sections and n connecting sections

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## INSTALLATION

One row of horizontal adjustable blades

Effective supply area  
table-  $A_{ef}$  (m<sup>2</sup>)



[Online selection  
software](#)

OAH, OAV, CCH, CCV

| H ↓ B → | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75      | 0.007 | 0.011 | 0.015 | 0.018 | 0.022 | 0.026 | 0.029 | 0.033 | 0.036 | 0.040 | 0.043 |
| 125     | 0.015 | 0.022 | 0.029 | 0.036 | 0.044 | 0.051 | 0.058 | 0.066 | 0.073 | 0.080 | 0.087 |
| 225     | 0.021 | 0.041 | 0.059 | 0.073 | 0.087 | 0.102 | 0.116 | 0.131 | 0.145 | 0.160 | 0.174 |
| 325     | -     | 0.043 | 0.088 | 0.109 | 0.131 | 0.153 | 0.174 | 0.196 | 0.217 | 0.239 | 0.261 |
| 425     | -     | -     | 0.092 | 0.131 | 0.175 | 0.204 | 0.232 | 0.261 | 0.290 | 0.319 | 0.348 |
| 525     | -     | -     | -     | 0.162 | 0.193 | 0.224 | 0.255 | 0.308 | 0.362 | 0.398 | 0.434 |

OAB, NRA

| H ↓ B → | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75      | 0.006 | 0.009 | 0.011 | 0.014 | 0.017 | 0.020 | 0.022 | 0.025 | 0.028 | 0.031 | 0.034 |
| 125     | 0.011 | 0.017 | 0.022 | 0.028 | 0.034 | 0.039 | 0.044 | 0.050 | 0.055 | 0.061 | 0.066 |
| 225     | 0.019 | 0.034 | 0.044 | 0.055 | 0.066 | 0.077 | 0.087 | 0.098 | 0.108 | 0.119 | 0.129 |
| 325     | -     | 0.044 | 0.066 | 0.081 | 0.096 | 0.113 | 0.129 | 0.149 | 0.169 | 0.181 | 0.193 |
| 425     | -     | -     | 0.075 | 0.093 | 0.129 | 0.149 | 0.169 | 0.192 | 0.214 | 0.235 | 0.256 |
| 525     | -     | -     | -     | 0.115 | 0.137 | 0.159 | 0.180 | 0.202 | 0.224 | 0.246 | 0.268 |

OCM

| H ↓ B → | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75      | 0.005 | 0.008 | 0.010 | 0.013 | 0.015 | 0.017 | 0.020 | 0.022 | 0.024 | 0.027 | 0.029 |
| 125     | 0.009 | 0.013 | 0.017 | 0.021 | 0.026 | 0.030 | 0.034 | 0.038 | 0.043 | 0.047 | 0.051 |
| 225     | 0.017 | 0.026 | 0.034 | 0.043 | 0.051 | 0.060 | 0.068 | 0.077 | 0.085 | 0.094 | 0.102 |
| 325     | -     | 0.038 | 0.051 | 0.064 | 0.077 | 0.089 | 0.102 | 0.115 | 0.128 | 0.140 | 0.153 |
| 425     | -     | -     | 0.068 | 0.085 | 0.102 | 0.119 | 0.136 | 0.153 | 0.170 | 0.187 | 0.204 |
| 525     | -     | -     | -     | 0.106 | 0.128 | 0.149 | 0.170 | 0.191 | 0.213 | 0.234 | 0.255 |

PTR

| H ↓ B → | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75      | 0.007 | 0.010 | 0.014 | 0.017 | 0.021 | 0.017 | 0.026 | 0.022 | 0.034 | 0.027 | 0.039 |
| 125     | 0.013 | 0.019 | 0.025 | 0.031 | 0.038 | 0.044 | 0.050 | 0.057 | 0.063 | 0.069 | 0.075 |
| 225     | 0.024 | 0.034 | 0.050 | 0.061 | 0.074 | 0.086 | 0.097 | 0.109 | 0.121 | 0.134 | 0.146 |
| 325     | -     | 0.052 | 0.072 | 0.088 | 0.106 | 0.123 | 0.139 | 0.157 | 0.174 | 0.191 | 0.208 |
| 425     | -     | -     | 0.097 | 0.120 | 0.142 | 0.165 | 0.188 | 0.211 | 0.234 | 0.248 | 0.261 |
| 525     | -     | -     | -     | 0.152 | 0.180 | 0.208 | 0.236 | 0.264 | 0.292 | 0.322 | 0.351 |

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DIAGRAMS

Two rows of adjustable blades, horizontal(front) and vertical(rear)

Effective exhaust area  
table-  $A_{ef}$  (m<sup>2</sup>)



[Online selection  
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OAH, OAV, CCH, CCV

| H ↓ B → | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75      | 0,006 | 0,009 | 0,011 | 0,014 | 0,016 | 0,019 | 0,022 | 0,025 | 0,028 | 0,031 | 0,033 |
| 125     | 0,011 | 0,016 | 0,022 | 0,028 | 0,033 | 0,039 | 0,044 | 0,050 | 0,055 | 0,061 | 0,066 |
| 225     | -     | 0,033 | 0,044 | 0,055 | 0,066 | 0,078 | 0,090 | 0,100 | 0,110 | 0,122 | 0,134 |
| 325     | -     | 0,048 | 0,066 | 0,083 | 0,100 | 0,117 | 0,134 | 0,152 | 0,170 | 0,185 | 0,200 |
| 425     | -     | -     | 0,082 | 0,101 | 0,134 | 0,157 | 0,180 | 0,200 | 0,220 | 0,245 | 0,270 |
| 525     | -     | -     | -     | 0,125 | 0,149 | 0,173 | 0,197 | 0,238 | 0,280 | 0,310 | 0,340 |

OAB, NRA

| H ↓ B → | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75      | 0,006 | 0,009 | 0,011 | 0,014 | 0,016 | 0,019 | 0,022 | 0,025 | 0,028 | 0,031 | 0,033 |
| 125     | 0,011 | 0,016 | 0,022 | 0,028 | 0,033 | 0,039 | 0,044 | 0,050 | 0,055 | 0,061 | 0,066 |
| 225     | -     | 0,033 | 0,044 | 0,055 | 0,066 | 0,078 | 0,090 | 0,100 | 0,110 | 0,122 | 0,134 |
| 325     | -     | 0,048 | 0,066 | 0,083 | 0,100 | 0,117 | 0,134 | 0,152 | 0,170 | 0,185 | 0,200 |
| 425     | -     | -     | 0,082 | 0,101 | 0,134 | 0,157 | 0,180 | 0,200 | 0,220 | 0,245 | 0,270 |
| 525     | -     | -     | -     | 0,125 | 0,149 | 0,173 | 0,197 | 0,238 | 0,280 | 0,310 | 0,340 |

OAN

| H ↓ B → | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75      | 0,004 | 0,005 | 0,007 | 0,011 | 0,013 | 0,015 | 0,017 | 0,019 | 0,021 | 0,023 | 0,026 |
| 125     | 0,006 | 0,009 | 0,012 | 0,015 | 0,018 | 0,021 | 0,024 | 0,027 | 0,030 | 0,033 | 0,036 |
| 225     | 0,011 | 0,020 | 0,027 | 0,033 | 0,040 | 0,047 | 0,053 | 0,060 | 0,067 | 0,074 | 0,080 |
| 325     | -     | 0,029 | 0,042 | 0,052 | 0,063 | 0,073 | 0,083 | 0,094 | 0,105 | 0,115 | 0,125 |
| 425     | -     | -     | 0,055 | 0,068 | 0,086 | 0,100 | 0,113 | 0,127 | 0,140 | 0,155 | 0,170 |
| 525     | -     | -     | -     | 0,084 | 0,099 | 0,115 | 0,131 | 0,156 | 0,180 | 0,195 | 0,210 |

OCM

| H ↓ B → | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75      | 0,005 | 0,009 | 0,011 | 0,014 | 0,017 | 0,019 | 0,022 | 0,025 | 0,027 | 0,030 | 0,033 |
| 125     | 0,009 | 0,013 | 0,017 | 0,021 | 0,026 | 0,030 | 0,034 | 0,038 | 0,043 | 0,047 | 0,051 |
| 225     | 0,017 | 0,026 | 0,034 | 0,043 | 0,051 | 0,060 | 0,068 | 0,077 | 0,085 | 0,094 | 0,102 |
| 325     | -     | 0,038 | 0,051 | 0,064 | 0,077 | 0,089 | 0,102 | 0,115 | 0,128 | 0,140 | 0,153 |
| 425     | -     | -     | 0,068 | 0,085 | 0,102 | 0,119 | 0,136 | 0,153 | 0,170 | 0,187 | 0,204 |
| 525     | -     | -     | -     | 0,106 | 0,128 | 0,149 | 0,170 | 0,191 | 0,213 | 0,234 | 0,255 |

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DIAGRAMS

Effective exhaust area  
table-  $A_{ef}$  (m<sup>2</sup>)



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| PCR     |       |       |       |       |       |       |       |       |       |       |       |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| H ↓ B → | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
| 75      | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 125     | 0.005 | 0.008 | 0.010 | 0.013 | 0.016 | 0.019 | 0.021 | 0.024 | 0.027 | 0.029 | 0.032 |
| 225     | 0.009 | 0.017 | 0.023 | 0.029 | 0.035 | 0.042 | 0.048 | 0.054 | 0.060 | 0.066 | 0.072 |
| 325     | -     | 0.023 | 0.036 | 0.046 | 0.055 | 0.065 | 0.074 | 0.084 | 0.093 | 0.103 | 0.112 |
| 425     | -     | -     | 0.040 | 0.062 | 0.075 | 0.088 | 0.101 | 0.114 | 0.126 | 0.139 | 0.152 |
| 525     | -     | -     | -     | 0.078 | 0.095 | 0.111 | 0.127 | 0.143 | 0.160 | 0.176 | 0.192 |

| OAS, OAS-R |       |       |       |       |       |       |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| H ↓ B →    | 225   | 325   | 425   | 525   | 625   | 725   | 825   | 925   | 1025  | 1125  | 1225  |
| 75         | 0.004 | 0.006 | 0.008 | 0.010 | 0.012 | 0.014 | 0.016 | 0.018 | 0.020 | 0.022 | 0.024 |
| 125        | 0.008 | 0.012 | 0.016 | 0.020 | 0.024 | 0.028 | 0.032 | 0.036 | 0.040 | 0.044 | 0.048 |
| 225        | 0.016 | 0.024 | 0.032 | 0.040 | 0.048 | 0.056 | 0.064 | 0.071 | 0.079 | 0.087 | 0.095 |
| 325        | -     | 0.036 | 0.048 | 0.060 | 0.072 | 0.083 | 0.095 | 0.107 | 0.119 | 0.131 | 0.143 |
| 425        | -     | -     | 0.064 | 0.079 | 0.095 | 0.111 | 0.127 | 0.143 | 0.159 | 0.175 | 0.191 |
| 525        | -     | -     | -     | 0.104 | 0.124 | 0.144 | 0.164 | 0.184 | 0.203 | 0.223 | 0.243 |

| ORP     |       |       |       |       |       |       |       |       |       |       |       |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| H ↓ B → | 200   | 300   | 400   | 500   | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  |
| 200     | 0.017 | 0.025 | 0.033 | 0.042 | 0.050 | 0.058 | 0.067 | 0.075 | 0.083 | 0.092 | 0.100 |
| 300     | 0.025 | 0.038 | 0.050 | 0.063 | 0.075 | 0.088 | 0.100 | 0.113 | 0.125 | 0.138 | 0.150 |
| 400     | 0.033 | 0.050 | 0.069 | 0.083 | 0.100 | 0.117 | 0.133 | 0.150 | 0.167 | 0.183 | 0.200 |
| 500     | 0.042 | 0.063 | 0.083 | 0.099 | 0.125 | 0.146 | 0.167 | 0.188 | 0.208 | 0.229 | 0.250 |
| 600     | 0.050 | 0.075 | 0.100 | 0.125 | 0.147 | 0.175 | 0.200 | 0.225 | 0.250 | 0.275 | 0.300 |
| 700     | 0.058 | 0.088 | 0.117 | 0.146 | 0.175 | 0.204 | 0.233 | 0.263 | 0.292 | 0.321 | 0.350 |
| 800     | 0.067 | 0.100 | 0.133 | 0.167 | 0.200 | 0.233 | 0.270 | 0.300 | 0.333 | 0.367 | 0.400 |
| 900     | 0.075 | 0.113 | 0.150 | 0.188 | 0.225 | 0.263 | 0.300 | 0.346 | 0.375 | 0.413 | 0.450 |
| 1000    | 0.083 | 0.125 | 0.167 | 0.208 | 0.250 | 0.292 | 0.333 | 0.375 | 0.431 | 0.458 | 0.500 |
| 1100    | 0.092 | 0.138 | 0.183 | 0.229 | 0.275 | 0.321 | 0.367 | 0.413 | 0.458 | 0.525 | 0.550 |
| 1200    | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.629 |

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DIAGRAMS





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## TRANSPORT

After arrival, check the ventilation grill for transport damage and shortcomings. In case of any damage or shortcomings, immediately contact your supplier.

## STORAGE

If the product is not installed immediately:

- Remove any wrapping.
- Protect product from dust and contamination.
- Do not expose the damper to the effects of weather, store the damper in a dry place.

**Please properly dispose of packaging material!**

## MAINTENANCE AND OPERATION

Klimaoprema ventilation grilles are designed as such do not require cleaning and regular maintenance. However, grills damper mechanism should be systematically cleaned for proper operation.

- Provide a systematic cleaning of dust
- Cleaning instruction: clean with a sponge, with water or a mild detergent

## COMMISSIONING

- Carefully unpack - be careful of sharp edges and do not use excessive force for unpacking
- Ensure that all grilles are clean and free from residues and foreign matter.
- Ensure that the devices have been correctly installed
- Before commissioning: check the product functions



## VENTILATION GRILLES

Images are for informational purposes only and may differ from the actual product.  
Follow the latest versions of the catalog on the website.

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