

# Zehnder ComfoEdge Dupla Combined external wall grille

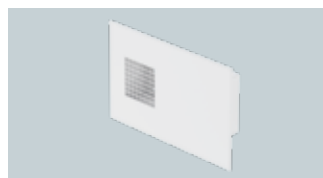
Technical specifications for outdoor air and exhaust air connectors

always the best climate

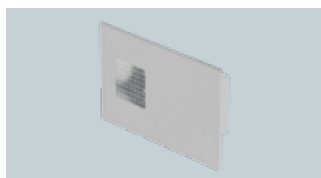
## General

The Zehnder ComfoEdge Dupla combined external wall grille is a functional and attractive development within the existing portfolio.

It is available for DN 125 and DN 160, in white and stainless steel look. It can be installed both horizontally and vertically. The wall grille is mounted on the outside wall and combines the outside and exhaust air connection in a space-saving way in only one element.



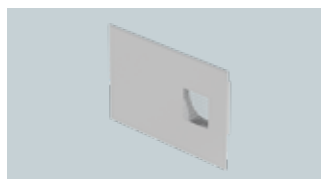
Combined external wall grille  
DN 125, right, in white



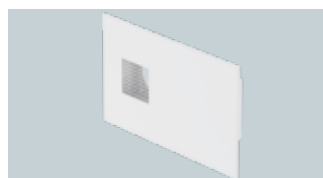
Combined external wall grille  
DN 125, right, stainless steel



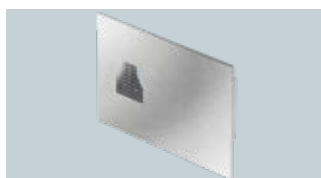
Combined external wall grille  
DN 125, left, in white



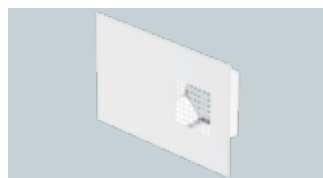
Combined external wall grille  
DN 125, left, stainless steel



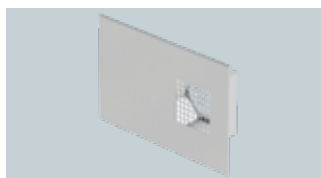
Combined external wall grille  
DN 160, right, in white



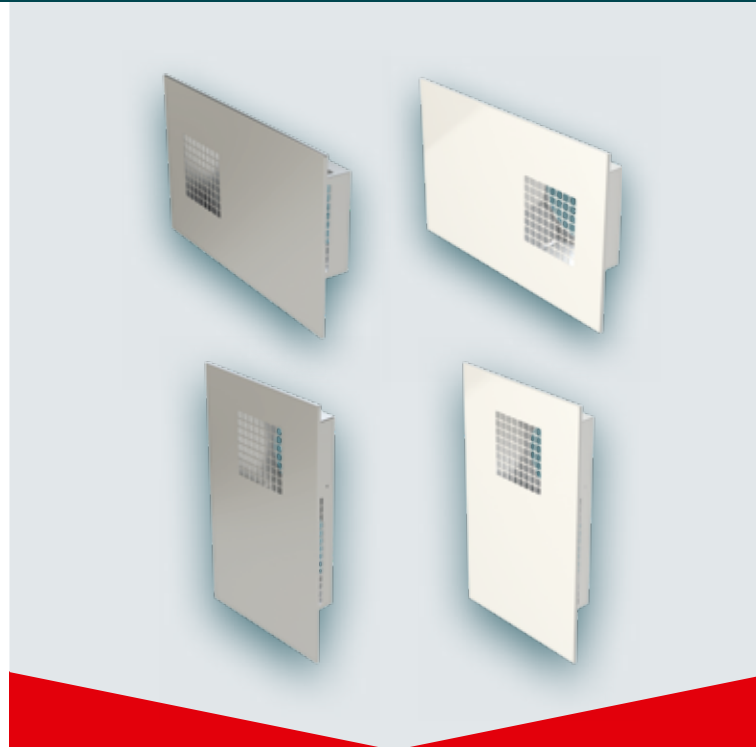
Combined external wall grille  
DN 160, right, stainless steel



Combined external wall grille  
DN 160, left, in white



Combined external wall grille  
DN 160, left, stainless steel



## Benefits

- Elegant appearance for the facade
- Maximum efficiency due to low pressure loss
- Flexibility due to horizontal or vertical mounting option
- Tested safety against recirculation due to flow-optimised design

## Tender specifications

### Zehnder ComfoEdge Dupla combined external wall grille DN 125 und DN 160

Zehnder ComfoEdge Dupla combined external wall grille for DN 125 and DN 160 is suitable for connecting fresh air and exhaust air in one combined element. The Combined external wall grille can be mounted horizontally and vertically on the facade. The special construction of cover plate and lower casing ensures optimised pressure loss and prevents recirculation of the exhaust air. Installation without thermal bridges is possible with the Zehnder ComfoPipe Compact ventilation tube. Predefined fixing points for wall mounting with fixing screws included in the standard scope of delivery. The housing and cover plate are made of galvanised sheet steel. The grille is powder-coated and available in white (RAL 9016) and stainless steel finish. For maintenance work, the cover plate can be removed by simply loosening the knurled screws.

## Tender specifications

Zehnder ComfoEdge Dupla combined external wall grille		
	DN 125	DN 160
Dimensions	320 mm x 500 mm (H x B)	448 mm x 700 mm (H x B)
Weight	2,66 kg	4,66 kg
Nominal air volume	120 m³/h	270 m³/h
Recirculation at nominal ventilation (Wind velocity 5 m/s)	6,5 %	4,0 %
Drill hole distance Centre to centre	164 mm	280,5 mm
Size drill hole ComfoPipe Compact	min. 158 mm	min. 200 mm
Material	Galvanised sheet steel	

## Article numbers

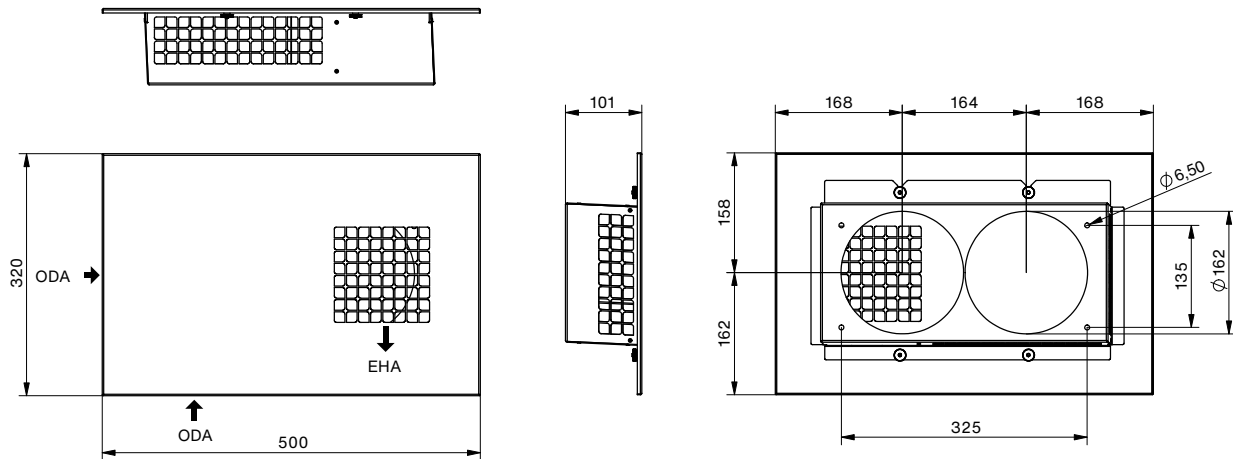
Description	Article number
ComfoEdge Dupla Combined external wall grille, <b>DN 125</b> , outdoor air connection <b>right</b> , <b>stainless steel optic</b> , galvanised sheet steel	990 430 573
ComfoEdge Dupla Galvanised sheet steel, <b>DN 125</b> , outdoor air connection <b>right</b> , in <b>white</b> , galvanised sheet steel	990 430 571
ComfoEdge Dupla Combined external wall grille, <b>DN 125</b> , outdoor air connection <b>left</b> , <b>stainless steel optic</b> , galvanised sheet steel	990 430 572
ComfoEdge Dupla Galvanised sheet steel, <b>DN 125</b> , outdoor air connection <b>left</b> , in <b>white</b> , galvanised sheet steel	990 430 570
ComfoEdge Dupla Combined external wall grille, <b>DN 160</b> , outdoor air connection <b>right</b> , <b>stainless steel optic</b> , galvanised sheet steel	990 430 577
ComfoEdge Dupla Galvanised sheet steel, <b>DN 160</b> , outdoor air connection <b>right</b> , in <b>white</b> , galvanised sheet steel	990 430 575
ComfoEdge Dupla Combined external wall grille, <b>DN 160</b> , outdoor air connection <b>left</b> , <b>stainless steel optic</b> , galvanised sheet steel	990 430 576
ComfoEdge Dupla Galvanised sheet steel, <b>DN 160</b> , outdoor air connection <b>left</b> , in <b>white</b> , galvanised sheet steel	990 430 574

Accessories	L (mm)	D (mm)	Article number
<b>for Zehnder ComfoEdge Dupla Combined external wall grille DN 125</b>			
ComfoPipe Compact tube DN 125	1000	155 / 125	990 328 690
<b>for Zehnder ComfoEdge Dupla Combined external wall grille DN 160</b>			
ComfoPipe Compact tube DN 160	1000	190 / 160	990 328 693

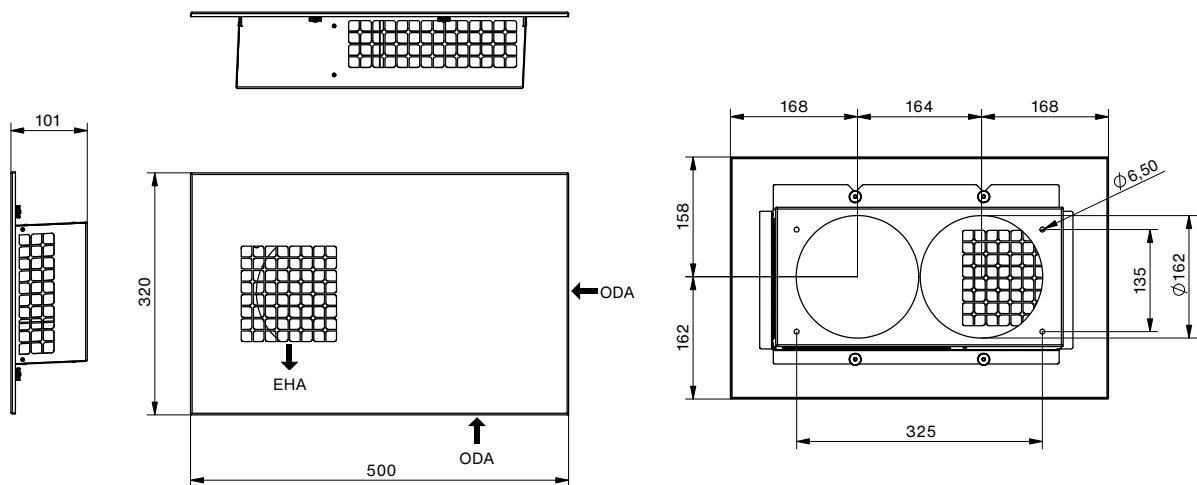
## Dimensional drawings

### ComfoEdge Dupla Combined external wall grille DN 125

#### Outdoor air connection left\*



#### Outdoor air connection right\*



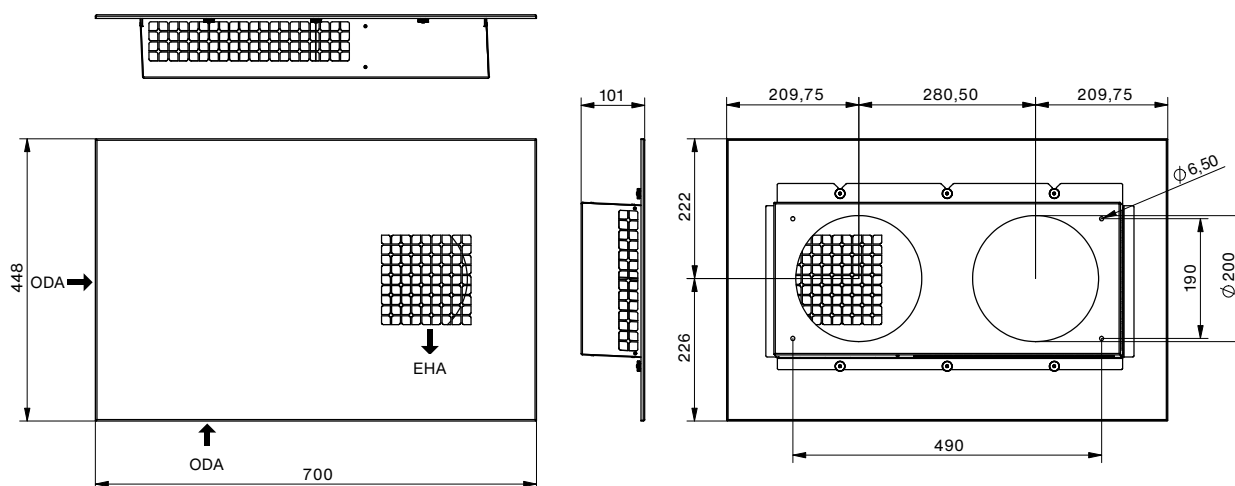
\*For vertical alignment, both left and right version can be mounted with the exhaust air connection turned upwards.

ODA = Outdoor air  
EHA = Exhaust air  
Dimensions in mm

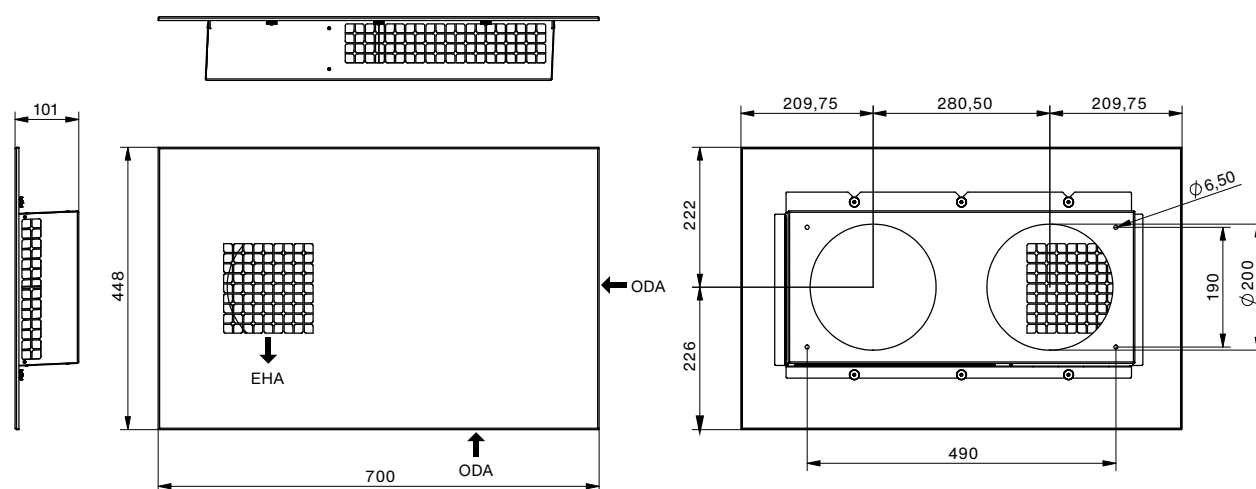
## Dimensional drawings

### ComfoEdge Dupla Combined external wall grille DN 160

#### Outdoor air connection left\*



#### Outdoor air connection right\*

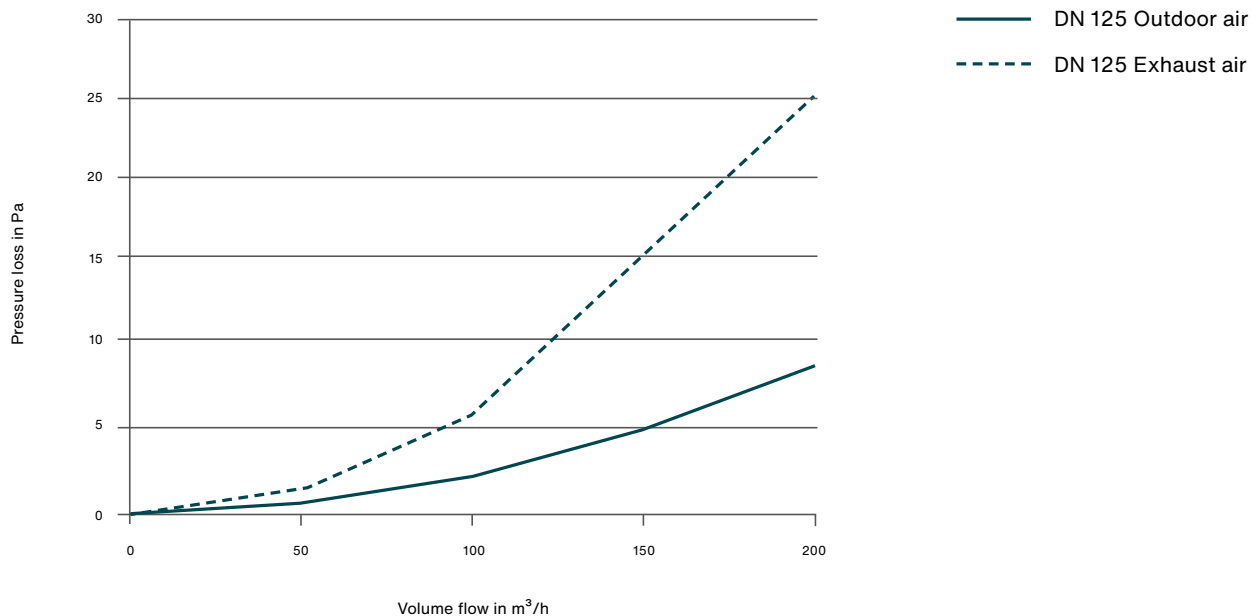


\*For vertical alignment, both left and right version can be mounted with the exhaust air connection turned upwards.

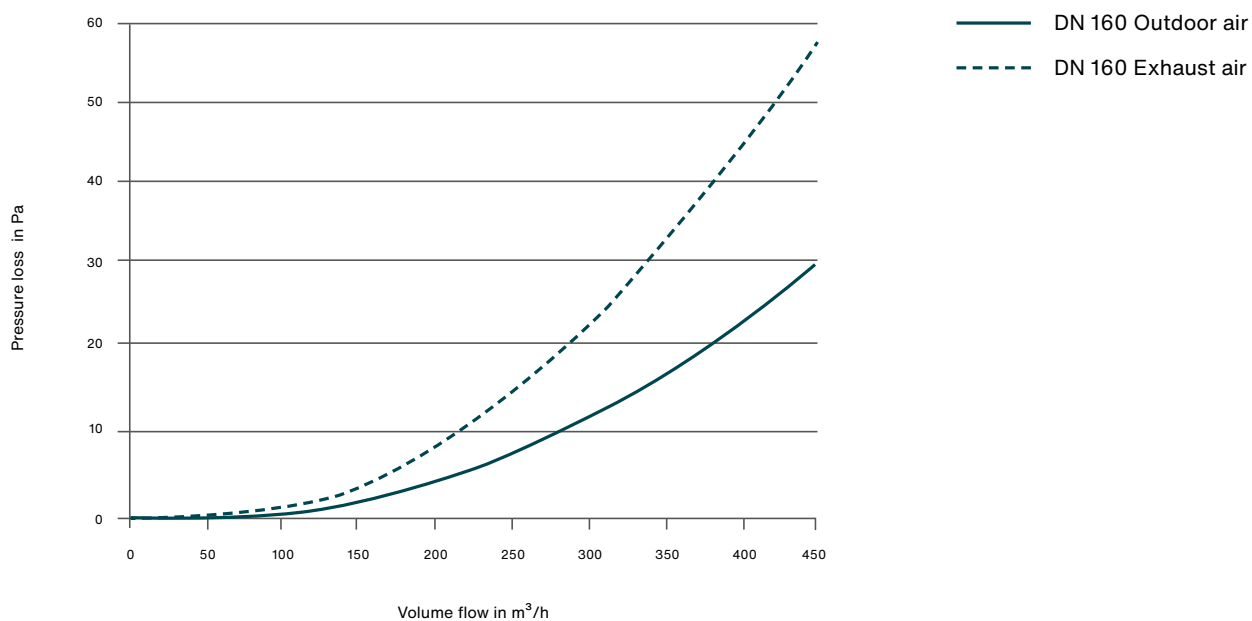
ODA = Outdoor air  
EHA = Exhaust air  
Dimensions in mm

## Pressure loss

### Pressure loss ComfoEdge Dupla DN 125



### Pressure loss ComfoEdge Dupla DN 160



Mounting instructions  
Mounting instructions can be found here:  
[www.international.zehnder-systems.com/downloads/csy](http://www.international.zehnder-systems.com/downloads/csy)

