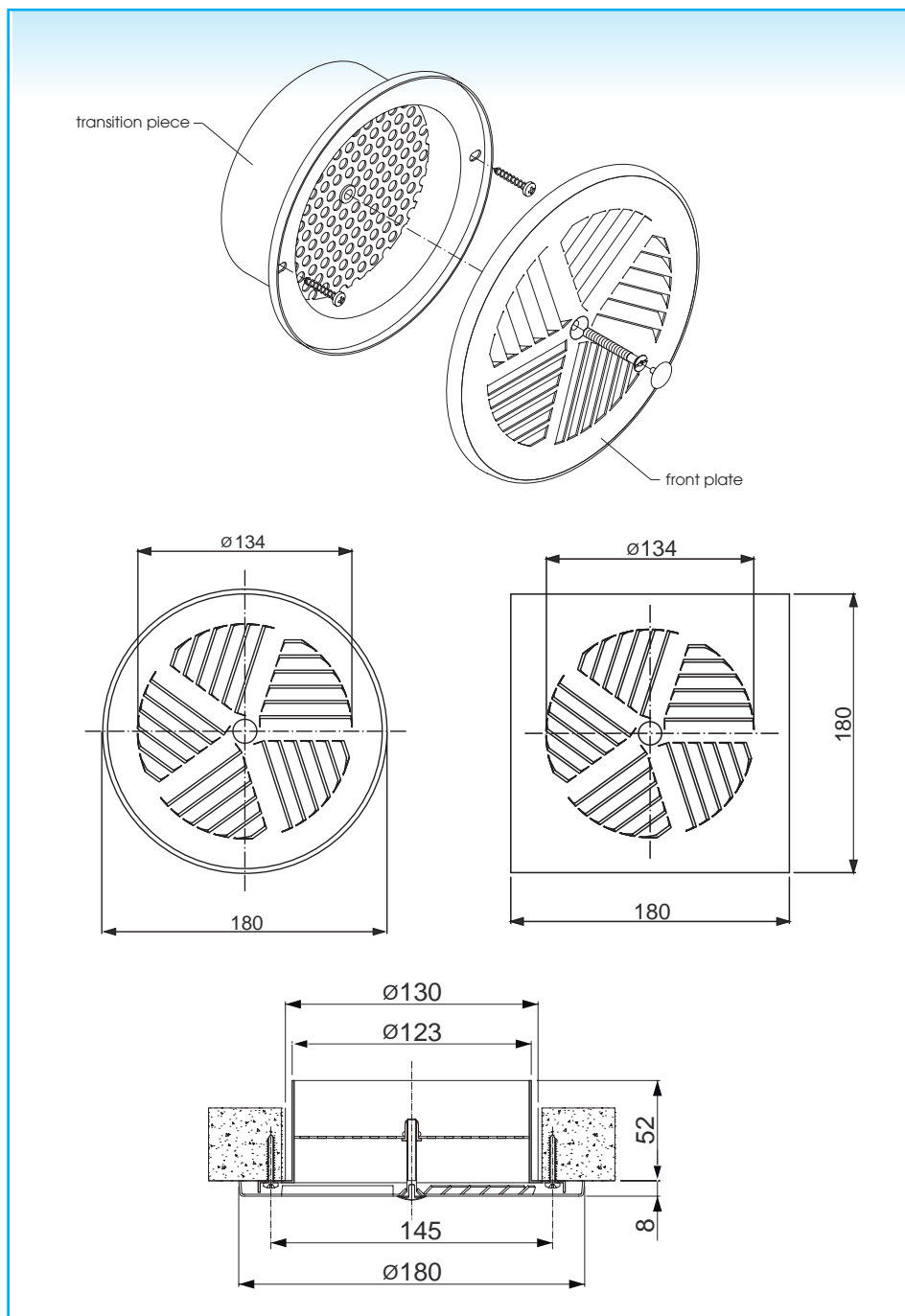


## STAIRCASE SWIRL DIFFUSER SDV - WGR • SDV-WGS

### Installation dimensions



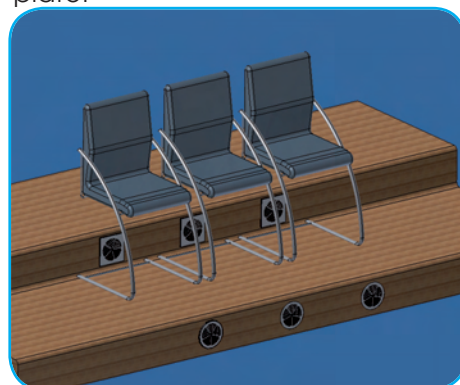
All dimensions in mm



### Application

The staircase swirl diffuser type WG is suitable for the input of warm or cool air in places such as schools, theatres, cinemas, concert halls, ...

The diffuser is fitted out with fixed strips in a square or round front plate.



### Technical information

#### Characteristics:

Diffuser with central hole can be detached from transition piece.

#### Construction:

- Diffuser; made of steel and painted white (RAL 9010)
- Transition piece with connector

## Specification description

### Example:

Square steel staircase swirl diffusers with fixed blades in a square front plate with an exterior dimension of 180 mm and transition piece fitted with a connector of  $\varnothing$  125 mm. The diffuser is painted white (RAL 9010).

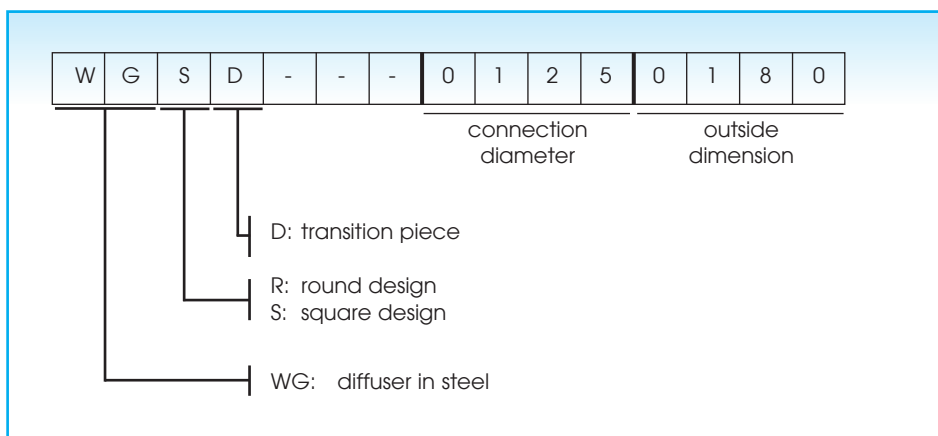
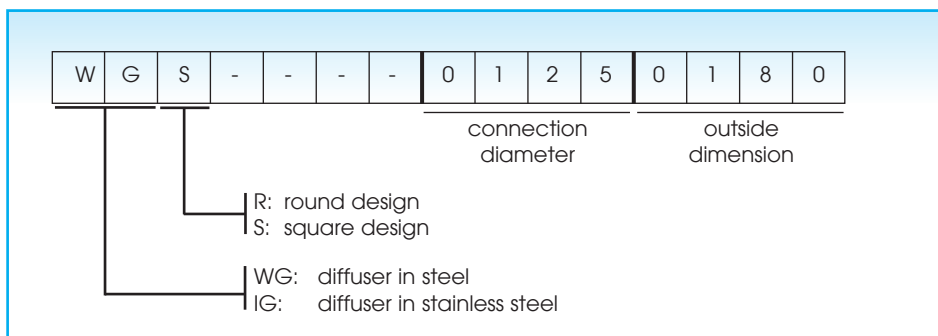
Type: **SDV-WGSD 125**

## Accessories

### GR003:

Hanging bracket for direct assembly in the duct

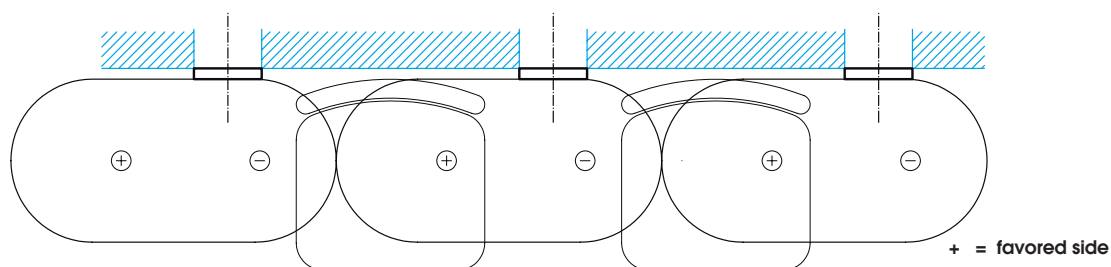
## How to order SDV-



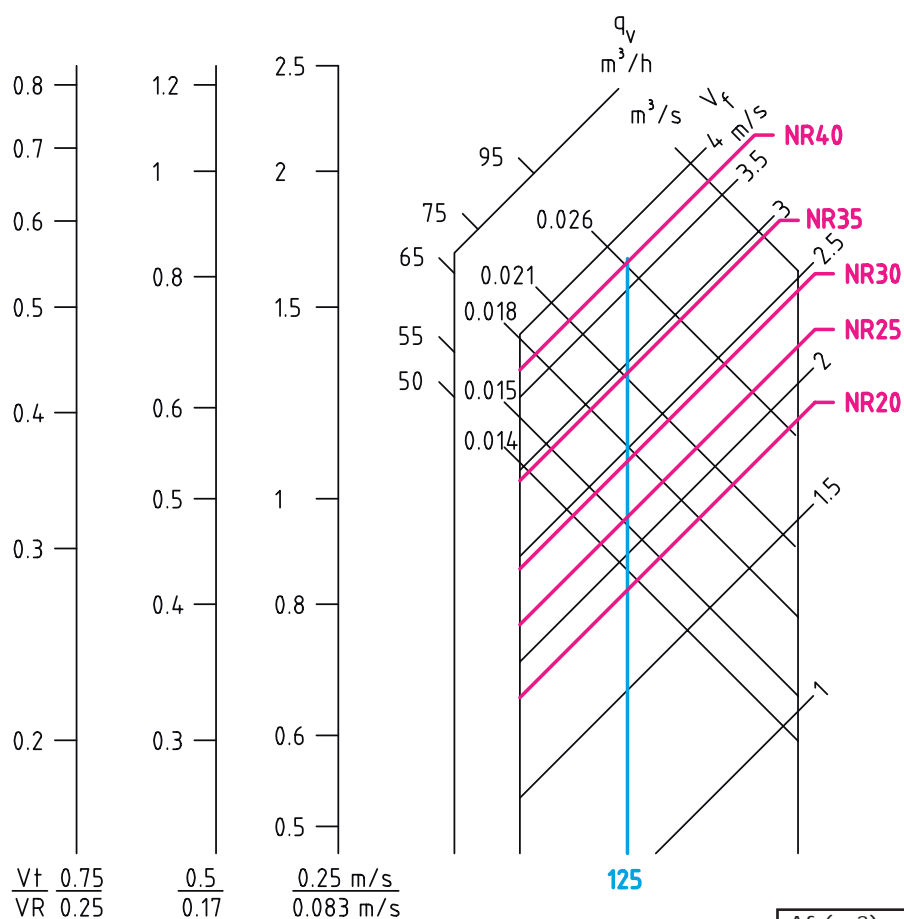
## STAIRCASE SWIRL DIFFUSER SDV-WGR • SDV -WGS

### Selection diagram - supply

Q [m <sup>3</sup> /h]	Lt (0,25 m/s) [m]		Lt (0,5 m/s) [m]		v [m/s]	Δ P [Pa]	NR
	⊕	⊖	⊕	⊖			
48	0,83	0,41	0,41	0,21	1,85	14,60	20
56	0,96	0,48	0,48	0,24	2,16	20,48	25
63	1,08	0,54	0,54	0,27	2,43	25,90	30
76	1,31	0,65	0,65	0,33	2,94	36,80	35
96	1,65	0,83	0,83	0,41	3,71	57,00	40



$L_T$  (m)



## Pressure loss

