

# VD3

## VRTINČNI DIFUZOR SWIRL DIFFUSER



### OPIS:

Difuzor VD3 je namenjen prezračevanju nizkih prostorov višine od 2,6m do 4m in temperaturno razliko med vpihovanim zrakom in zrakom v prostoru od +10K do -10K. Zrak v prostoru zaradi vrtničnega vpiha zraka zelo hitro doseže visoko indukcijo. Primeren je za vgradnjo v spuščene stropne.

### KONSTRUKCIJA:

- kvadraten ali okrogel difuzor
- plastični usmerniki zraka
- kvadratna ali okrogla razporeditev usmernikov

**MATERIAL:** jeklena pločevina

**BARVA:** bela barva RAL 9010 ali na željo kupca poljubna barva po RAL lestvici

**MONTAŽA:** pritrditev z enim centralnim ali štirimi stranskimi vijaki na komoro tipa PB2 ali PB5

### DESCRIPTION:

The VD3 swirl diffuser is designed for air-conditioning of room with floor to ceiling heights from 2,6m to 4m and temperature difference between supply and room air of +10K to -10K. Induction of room air occurs very quickly due to rotary swirling motion of the air discharge. It is suitable for installation in prefabricated ceilings.

### CONSTRUCTION:

- square or round diffuser
- plastic deflectors
- square or radial deflector arrangement

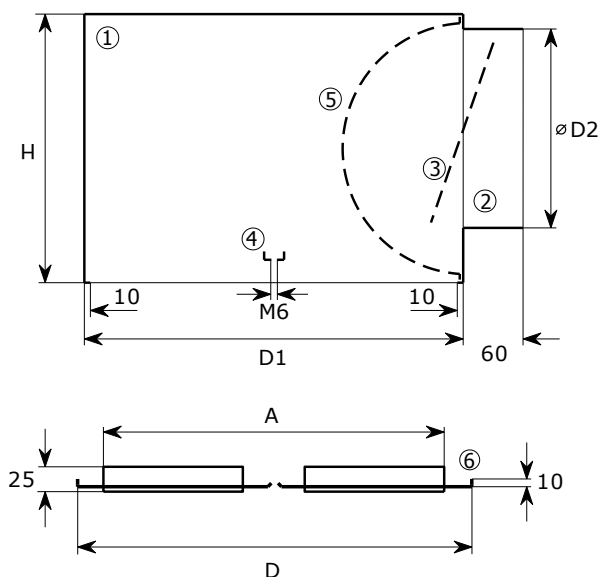
**MATERIAL:** steel sheet metal

**FINISH:** white RAL 9010 or can be any RAL colour according to the customer's request.

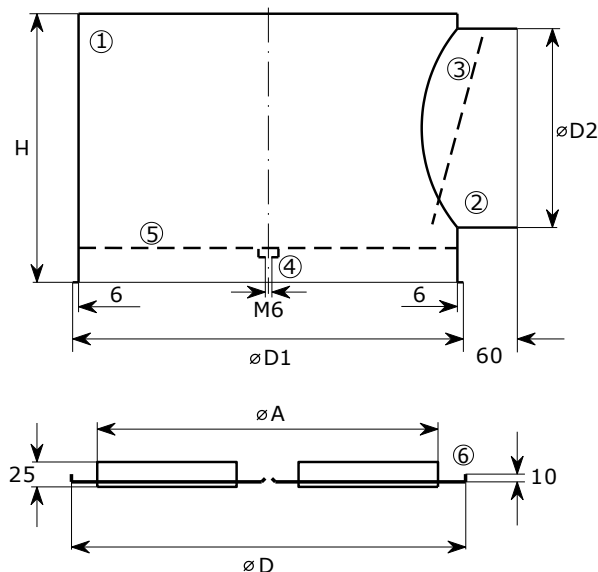
**MONTAGE:** with one central or four side screws on the plenum box PB2 or plenum box PB5

### DIMENZIJE / DIMENSIONS:

K- kvadratna / square



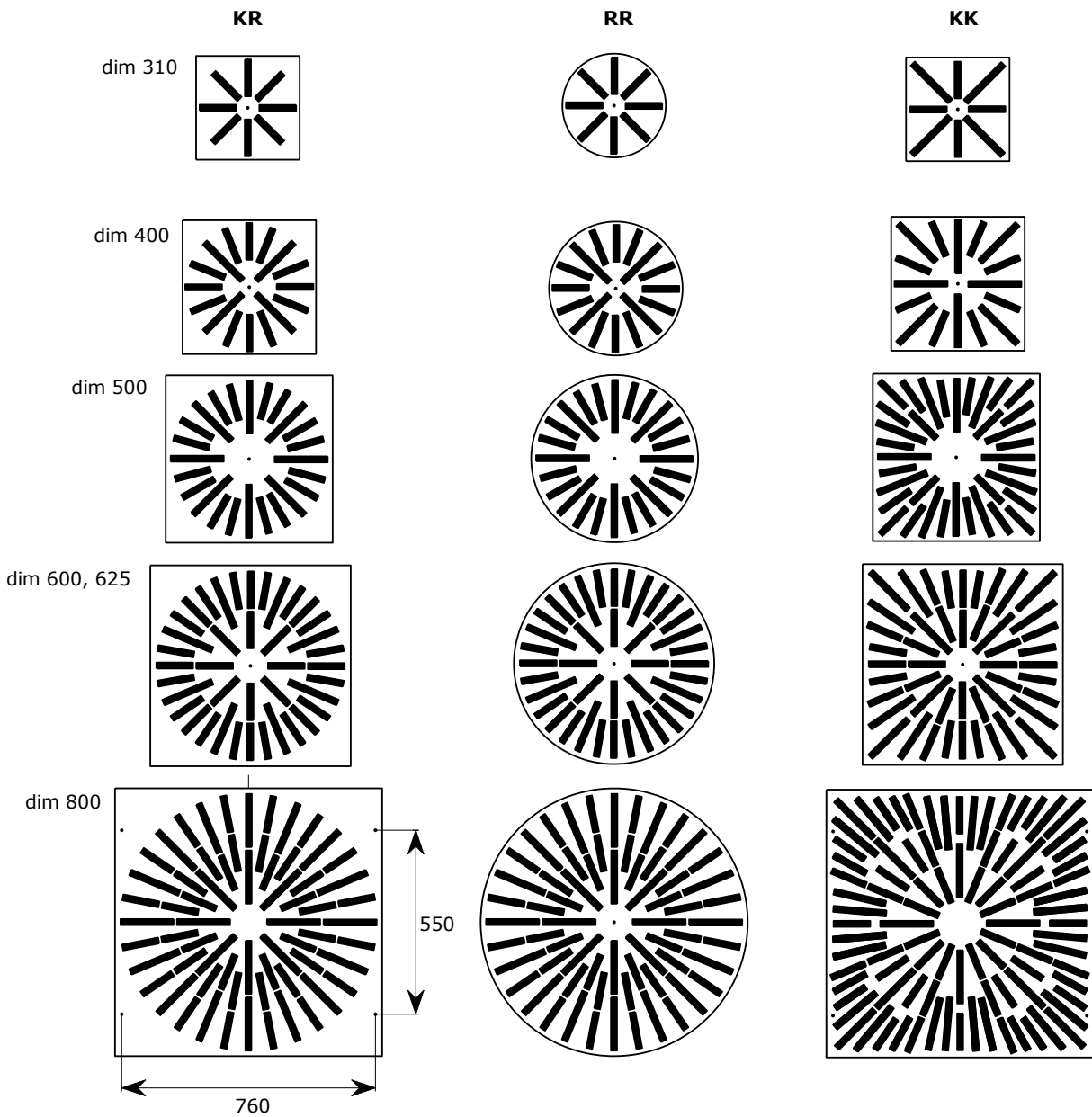
R- okrogla / round



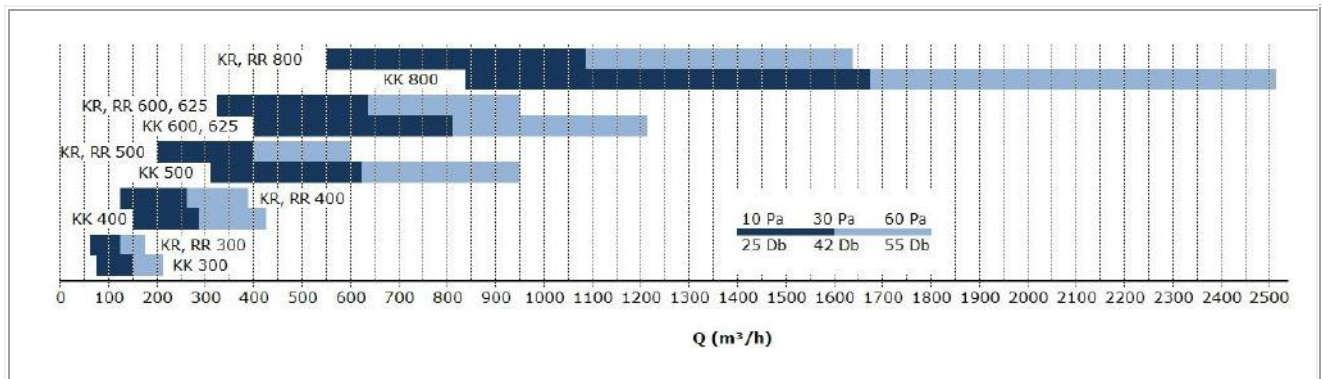
1. komora PB 2  
plenum PB 2
2. okrogla priključna odprtina  
round connection opening
3. regulacijska loputka  
volume control damper
4. prečka / traverse
5. perforirana razpršilna plošča (samo dovod)  
dispersing plate (supply only)
6. difuzor  
diffuser

	D	Ø D	D1	Ø D2	H	A		
<b>310</b>	305	310	301	158	230	289		
<b>400</b>	395	400	391	158	198	270	365	
<b>500</b>	495	500	491	198	248	270	320	465
<b>600</b>	595	600	591	198	248	270	320	565
<b>625</b>	620	625	591	198	248	270	320	565
<b>800</b>	795	800	791	313	348	385	420	765

**OBLIKE DIFUZORJEV IN RAZPOREDITEV USMERNIKOV:  
SHAPES OF DIFFUSERS AND DEFLECTOR ARRANGEMENTS:**



**HITRA IZBIRA / FAST SELECTION:**



## NAČIN NAROČANJA / HOW TO ORDER:

VD3	KR	600	RAL 9010	Z	PB2	PP	600	/	200	S	ISO 6mm
											<b>izolacija / insulation</b> 6mm, 10mm, 19mm <b>pozicija priključka</b> <b>position of connection</b> S - stranski / side V- vertikalni / vertical <b>priključek / connection opening</b> standard poljuben / optional <b>dimenzija komore / plenum dimension</b> <b>perforirana razpršilna plošča / dispersing plate</b> <b>komora / plenum</b> PB2 komora / plenum PB5 komora / plenum <b>smer vpiha / direction of air</b> Z - dovod / supply A - odvod / exhaust <b>barva / colour</b> standard RAL 9010 poljubna / optional <b>dimenzija difuzorja / diffuser dimension</b> 300, 400, 500, 600, 625, 800 <b>oblika / shape</b> KK-kvadraten difuzor s kvadratno razporeditvijo usmernikov / square diffuser with square deflector arrangement KR-kvadraten difuzor z okroglo razporeditvijo usmernikov / square diffuser with radial deflector arrangement RR-okrogel difuzor z okroglo razporeditvijo usmernikov / round diffuser with radial deflector arrangement <b>tip difuzorja / diffuser type</b>