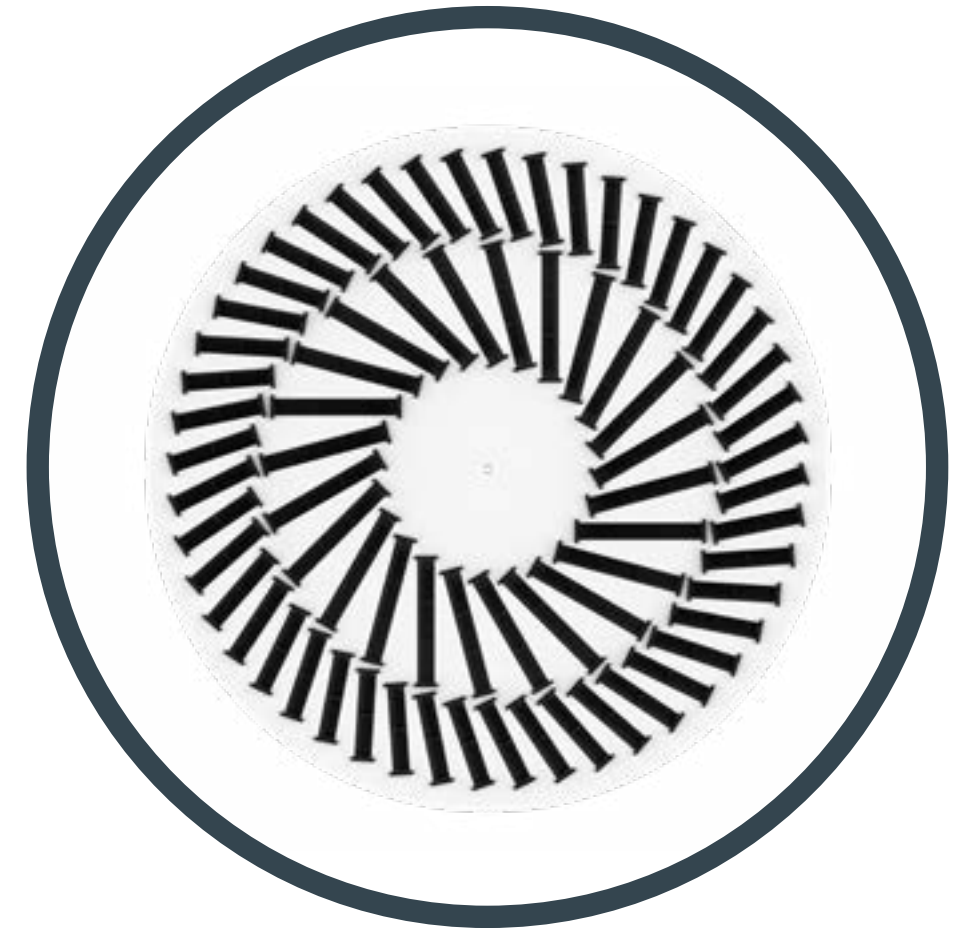




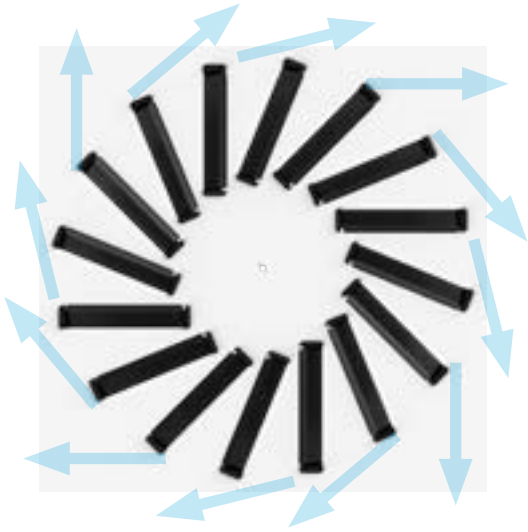
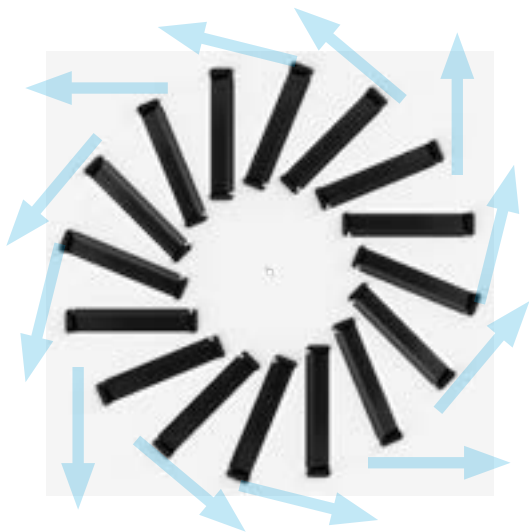
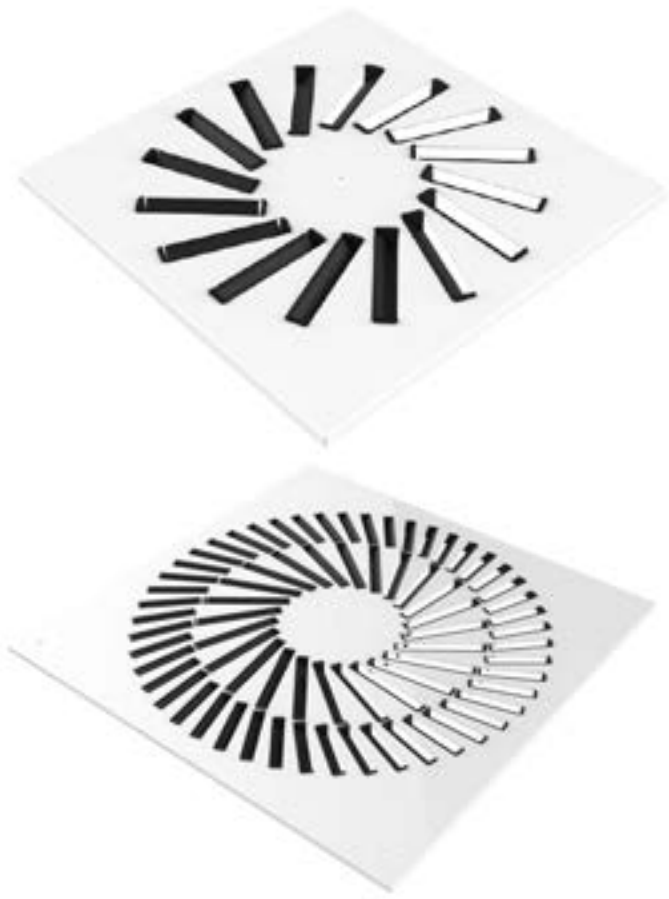
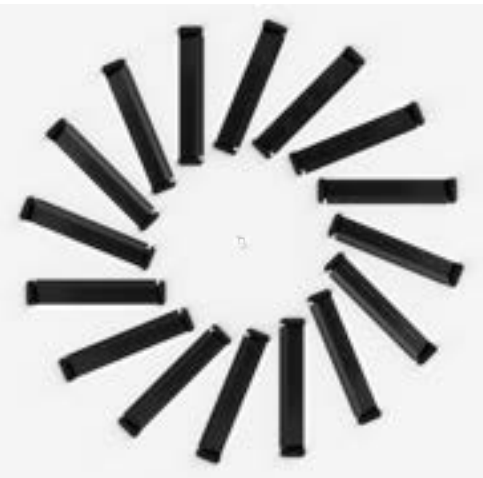
Product manual

Diffusers

DEV, DEK, DEU

Air distribution

Version 1.0.0
Date: 11.04.2024.



DEV

- Ceiling diffuser for room heights from 2,3 to 4m.
- Made out of steel sheet, standard RAL 9010
- Individually adjustable black discharge elements
- Central screw fixing (size 800 has additional 4 screws)

Options

- RAL...
- Plenum box
- White discharge elements



ORDERING KEY



PRODUCT CALCULATION SOFTWARE



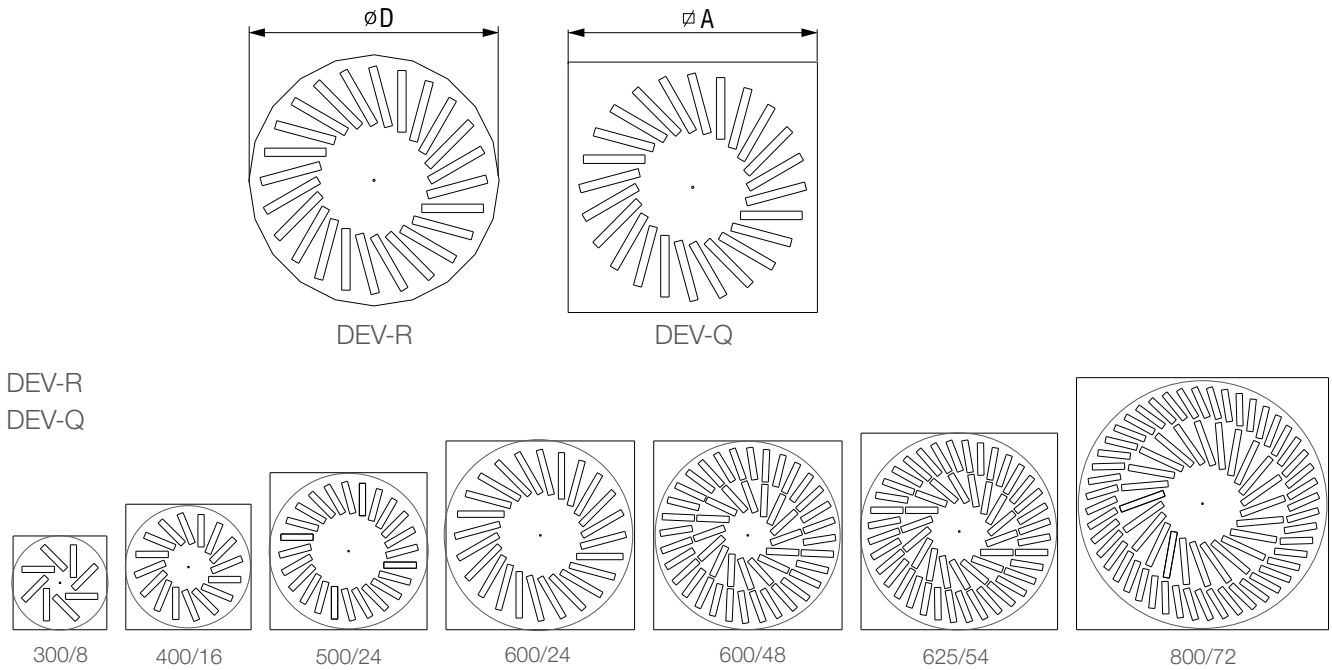
MODELS

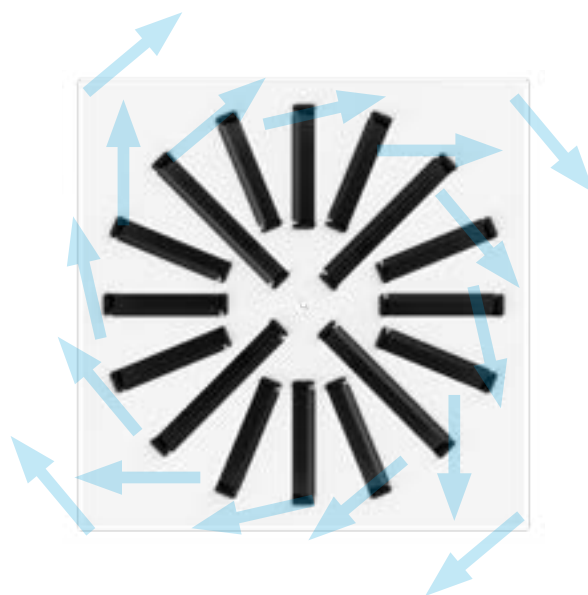
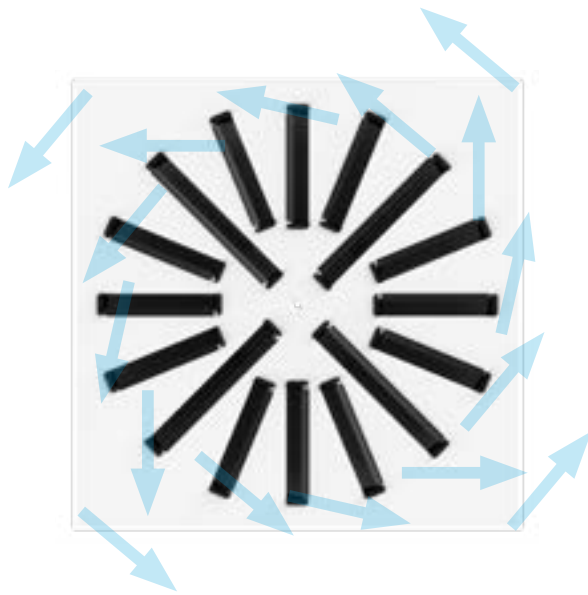
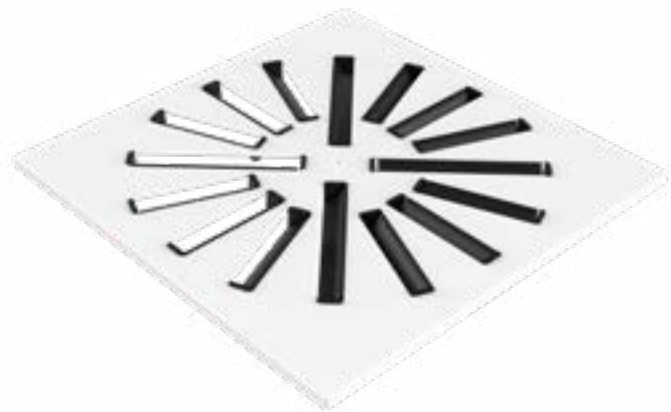
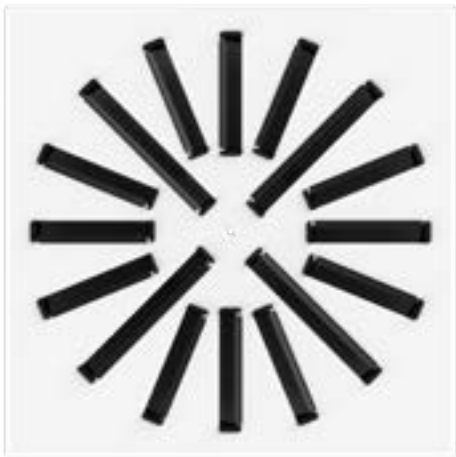
AIR DISTRIBUTION

Dimensions

DEV	□A [mm]	øD [mm]	Number of out-lets	A _{gr} [m²]	ød [mm]
300/8	295	298	8	0,0097	158
400/16	395	398	16	0,0195	198
500/16	495	498	16	0,0195	198
500/24	495	498	24	0,0292	198
600/16	595	595	16	0,0195	198
600/24	595	595	24	0,0424	248
600/48	595	595	48	0,0585	248
625/16	620	623	16	0,0195	198
625/24	620	623	24	0,0424	248
625/48	620	623	48	0,0585	248
625/54	620	623	54	0,0658	248
800/72	795	798	72	0,1017	313

Plenum box dimensions	PBQ	PBR
300	300	300
400	400	400
500	500	500
600	600	600
625	625	625
800	800	800





DEK

- Ceiling diffuser for room heights from 2,3 to 4m.
 - Made out of steel sheet, standard RAL 9010
 - Individually adjustable black discharge elements
 - Central screw fixing
- Options

 - RAL...
 - Plenum box
 - White discharge elements

▼ ORDERING KEY
▼ PRODUCT CALCULATION SOFTWARE

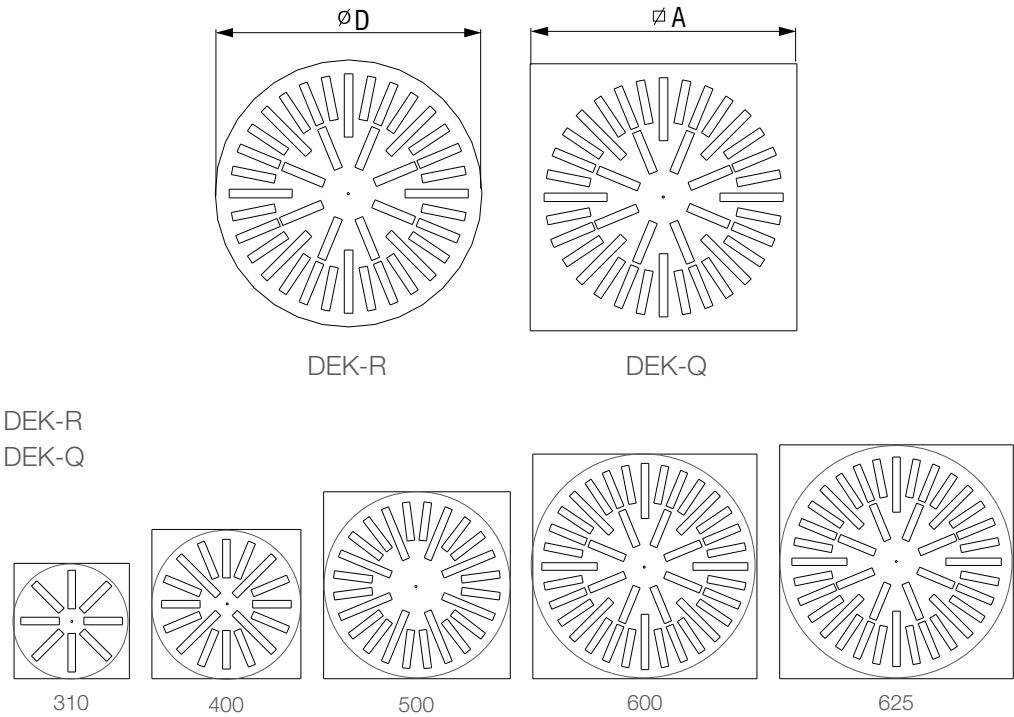
MODELS

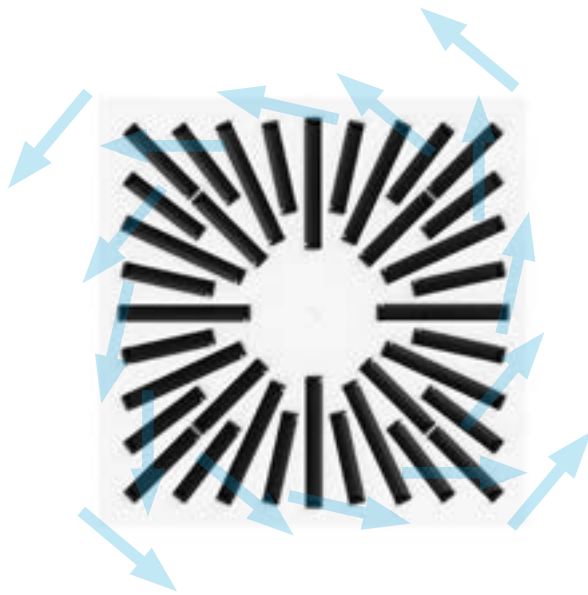
AIR DISTRIBUTION

Dimensions

DEK	□ A [mm]	øD [mm]	Number of outlets	A _{ef} [m²]	ød [mm]
300	298	298	8	0,0097	158
400	398	398	16	0,0217	198
500	498	498	24	0,0336	248
600	595	595	40	0,0531	248
625	623	623	40	0,0531	248

Plenum box dimensions	PBQ	PBR
300	300	300
400	400	400
500	500	500
600	600	600
625	625	625





DEU

- Ceiling diffuser for room heights from 2,3 to 4m.
- Made out of steel sheet, standard RAL 9010
- Individually adjustable black discharge elements
- Central screw fixing

Options

- RAL...
- Plenum box
- White discharge elements

- ▼ ORDERING KEY
- ▼ PRODUCT CALCULATION SOFTWARE



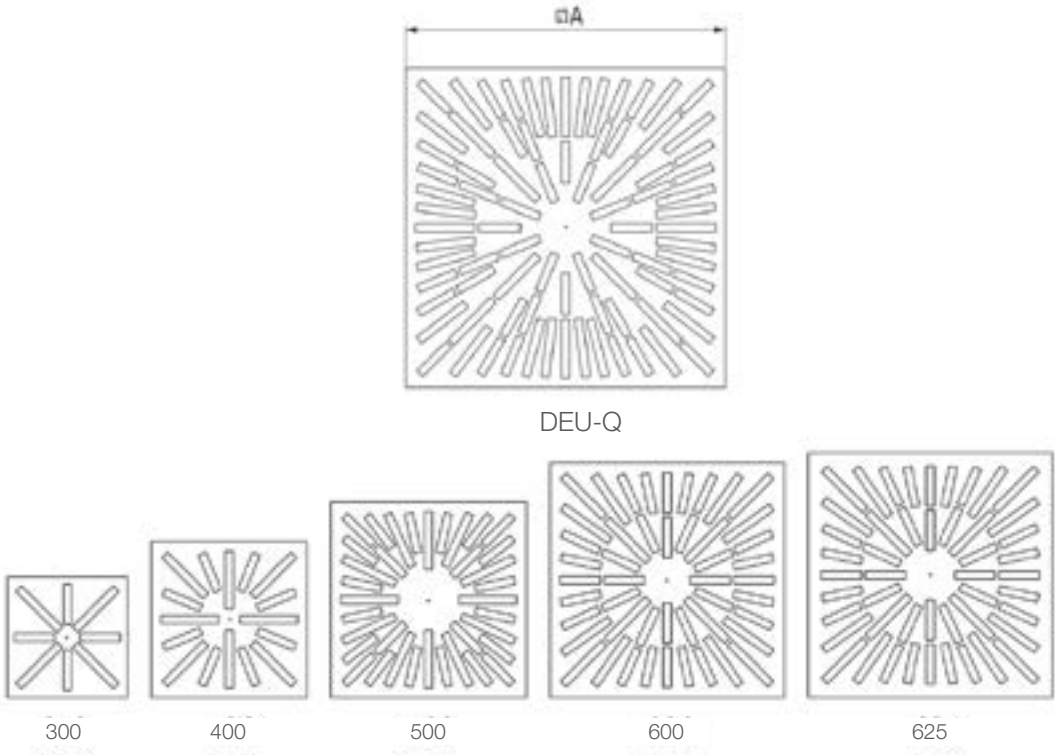
MODELS

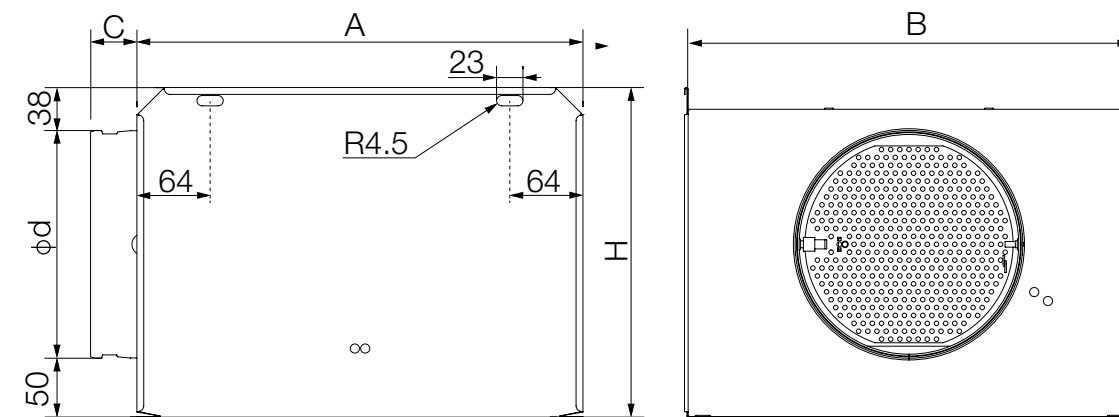
AIR DISTRIBUTION

Dimensions

DEU	□ A [mm]	Number of outlets	A _{ef} [m ²]	ød [mm]
300	308	8	0,0192	158
400	398	16	0,0248	198
500	498	36	0,0517	248
600	595	48	0,0718	248
625	623	48	0,0718	248

Plenum box dimensions	PBQ
300	300
400	400
500	500
600	600
625	625





PBQ-H

- Square plenum box design
- Horizontal duct connection
- Vertical duct connection
- Fixing with a central screw
- Manual flow adjustment via cable mechanism
- Possible with 5mm internal insulation

Model	Ød	AxB	H	C
300	160	290 x 292,5	248	40,5
400	200	390 x 392,5	288	40,5
500	200	490 x 492,5	288	40,5
600	250	590 x 592,5	338	40,5
625	250	615 x 617,5	338	40,5
800	315	786 x 785	403	40,5



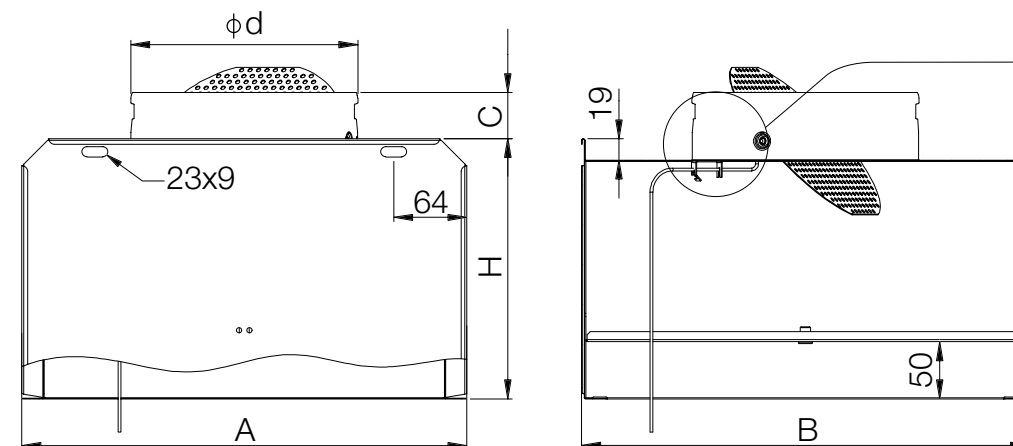
ORDERING KEY



PRODUCT CALCULATION SOFTWARE



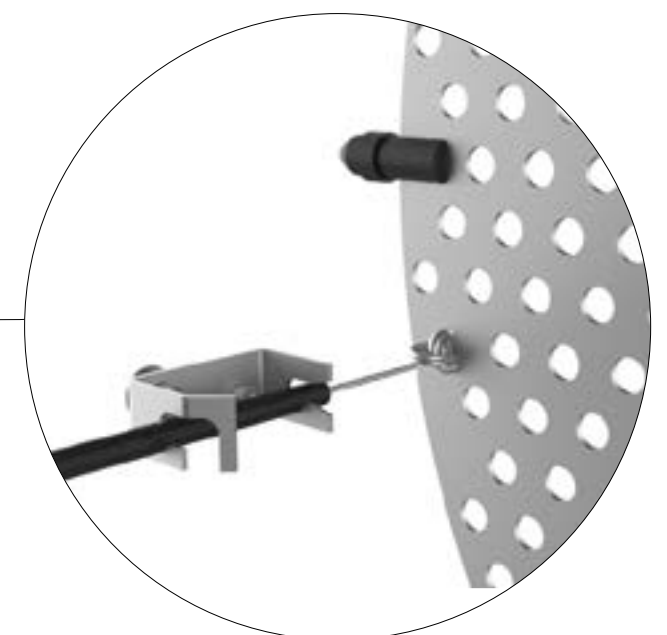
PLENUM BOXES

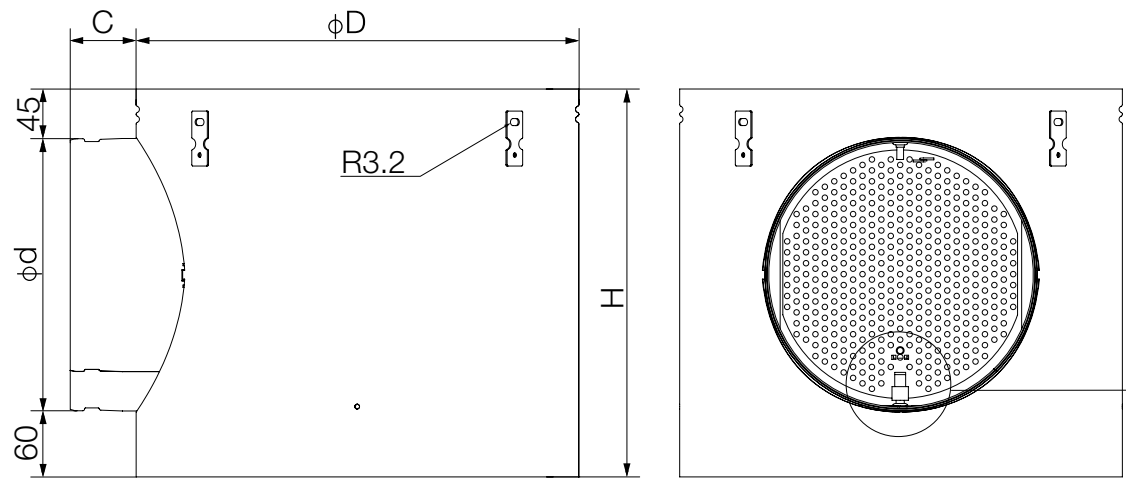


PBQ-V

- Square plenum box design
- Vertical duct connection
- Fixing with a central screw
- Manual flow adjustment via cable mechanism
- Possible with 5mm internal insulation

Model	Ød	AxB	H	C
300	160	290 x 292,5	228	40,5
400	200	390 x 392,5	228	40,5
500	200	490 x 492,5	228	40,5
600	250	590 x 592,5	228	40,5
625	250	615 x 617,5	228	40,5
800	315	786 x 785	228	40,5





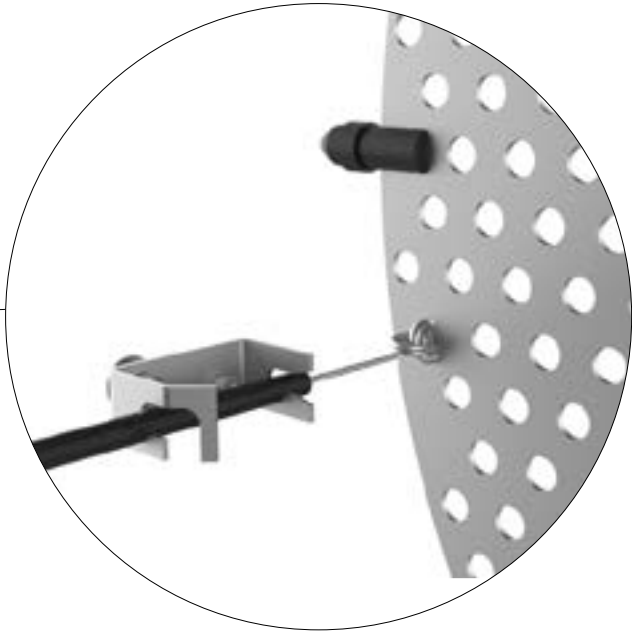
PBR

- Plenum box for round diffuser plates
- Round plenum with horizontal spigot connection
- Available in RAL, suitable for visible installation
- Fixing with a central screw
- Possible with 5mm internal insulation

Model	ØD	Ød	H	C
300	284	158	263	60
400	384	198	303	60
500	484	198	303	60
600	590	248	353	60
625	615	248	353	60

- ▼ ORDERING KEY
- ▼ PRODUCT CALCULATION SOFTWARE_

PLENUM BOXES

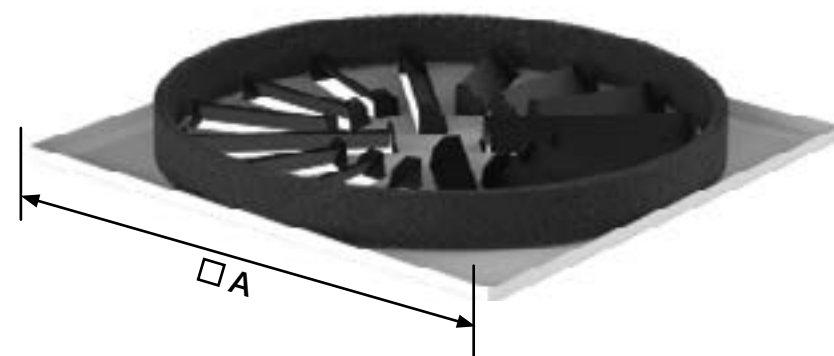


Ordering keys

PBQ-H / PBQ-V



Diffuser



(1) Plenum box (2) Size (3) Insulation

PBQ-H	-	400	-	Z
-------	---	-----	---	---

(1) PBQ-H - Rectangular plenum box
PBQ-V - Rectangular plenum box
PBR - Cilindrical plenum box

(2) Size: 300, 400, 500, 600 i 625

(3) Insulation: Z
*Z1 - polyethylene FRM 5mm insulation
*Z2 - I-Fiber 20mm insulation

* For PBR plenum box

PBR



(1) Diffuser shape (2) Size (3) Discharge elements color

DEV-Q	-	400	-	W
-------	---	-----	---	---

(1) DEV-Q
DEV-R
DEK-Q
DEK-R
DEU-Q

(2) 300/8, 400/16, 500/16, 500/24, 600/16, 600/24, 600/48,
625/16, 625/24, 600/48, 625/54, 800/72

(3) W - white discharge elements



ORDERING KEY



PRODUCT CALCULATION SOFTWARE_



ORDERING KEYS

Ød-2 Connection diameter

ØD Cylindrical plate size

A Nominal plate size



AIR DISTRIBUTION

Projektiranje, proizvodnja i održavanje opreme za klimatizaciju, ventilaciju i čiste prostore.
Design, production and service of Ventilation, Air-Conditioning and Cleanroom equipment.

📍 Gradna 78A, 10430 Samobor, Croatia
☎ +385 (0)1 33 62 513
✉ info@klimaoprema.com
🌐 www.klimaoprema.com