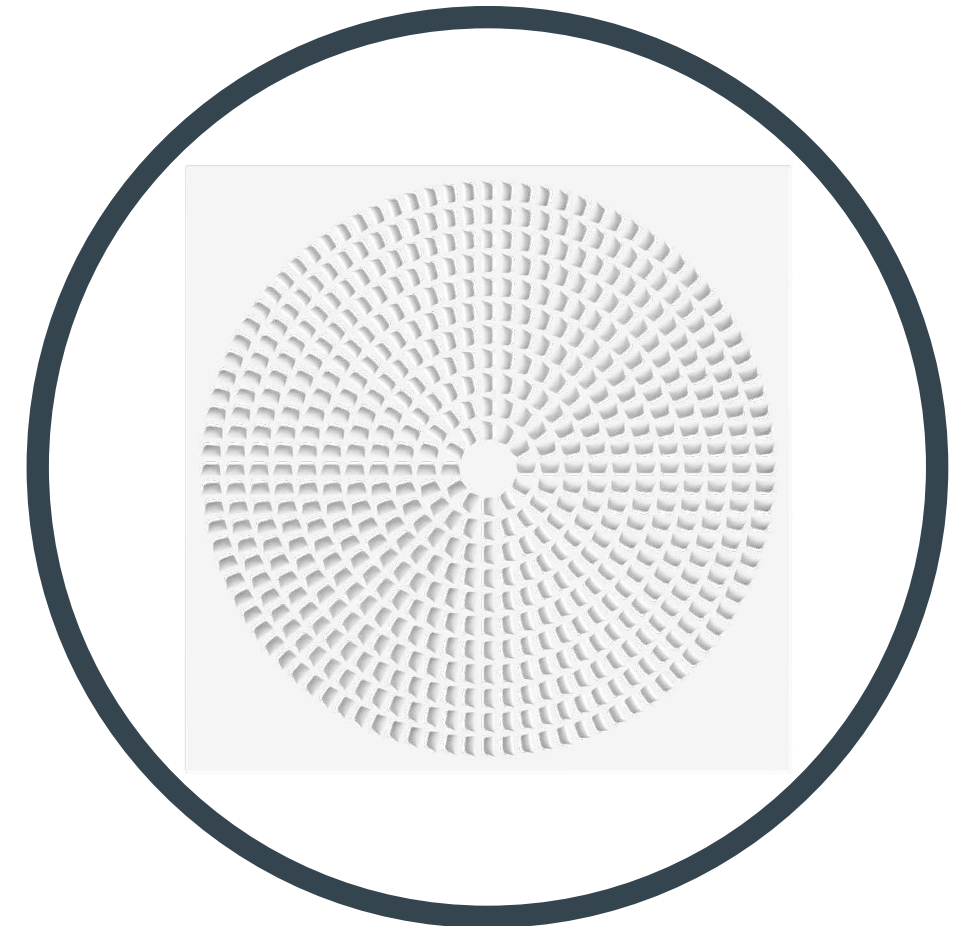
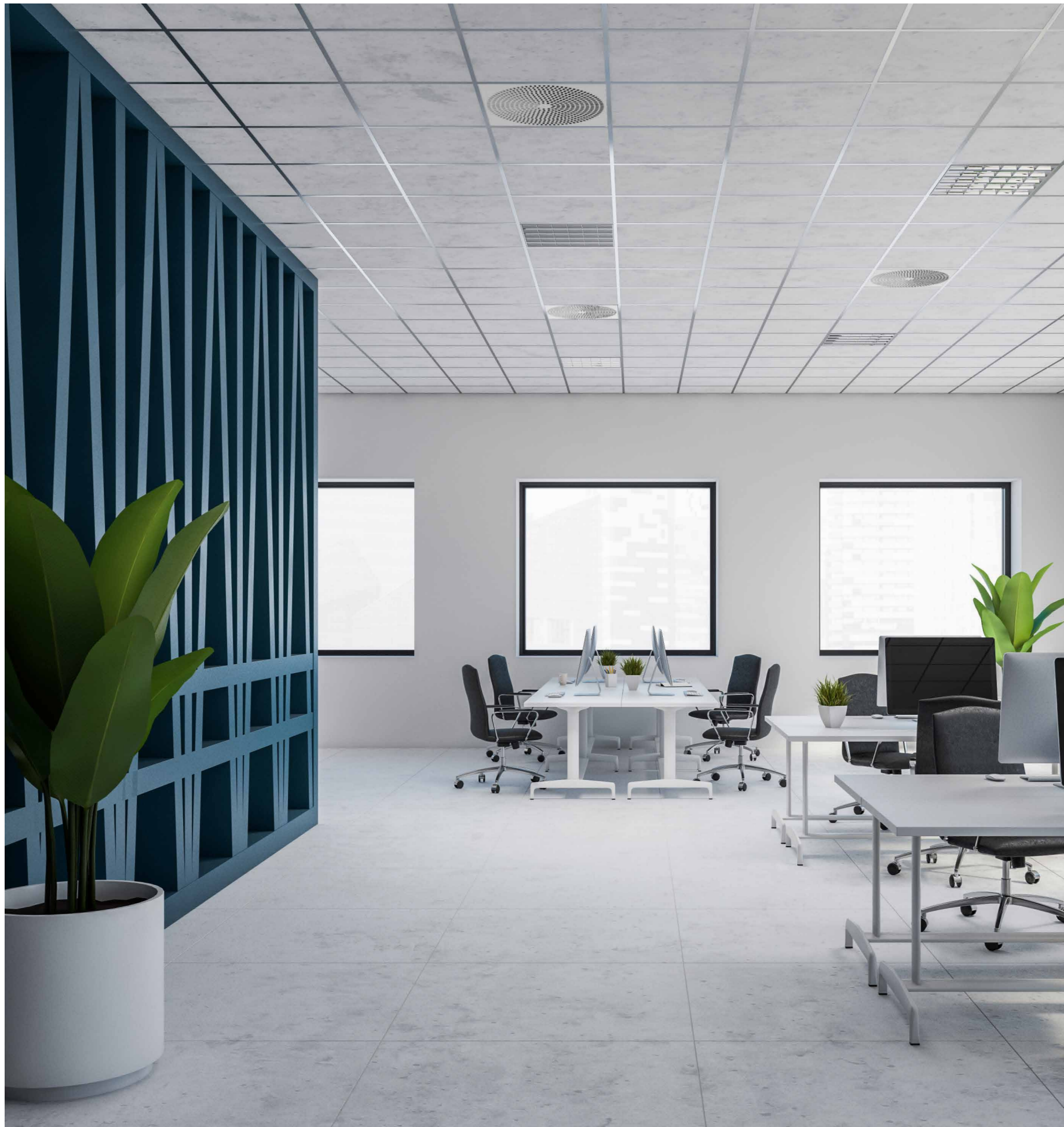




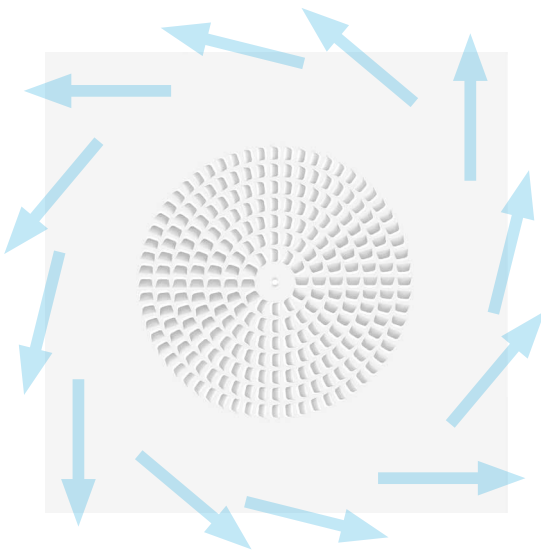
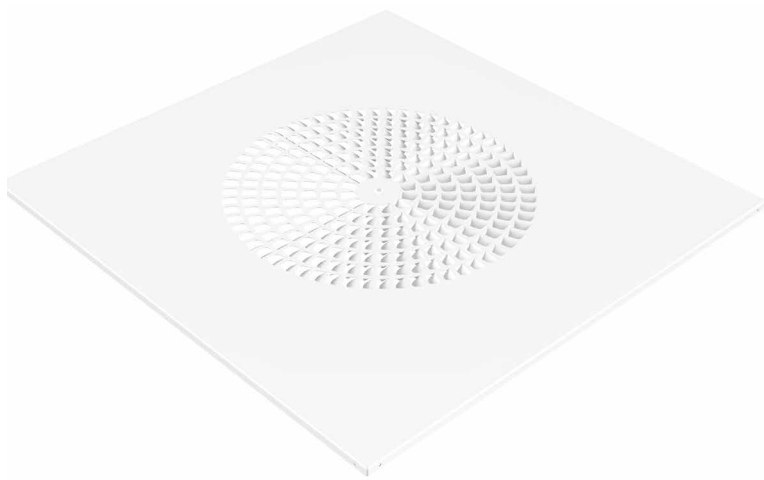
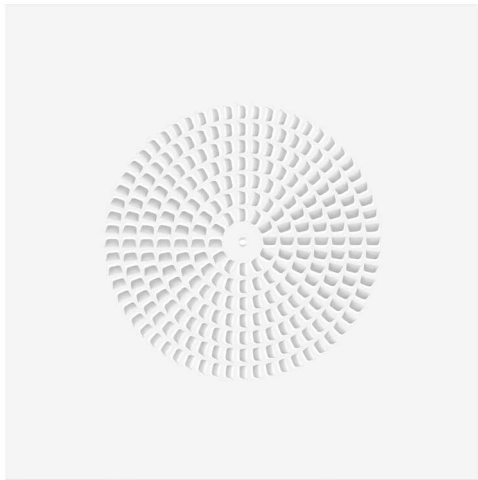
Product manual

Diffusers

DOR-Q

Air distribution

Version 1.0.0
Date: 09.04.2024.



DOR-Q

Square ceiling swirl diffusers with fixed air deflection nozzles, for high volume flow rates at low sound power levels and low differential pressure.

- For supply and extract air
- For variable and constant volume flows
- Horizontal/radial air discharge with high induction ratio

- For installation in spaces with 2,6-4m height
- Produced from galvanized steel sheet and powdercoated to RAL 9010

Options and accessories

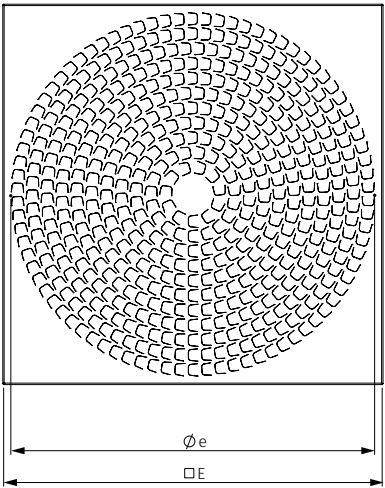
- Available in different RAL CLASSIC colours
- Plenum box

▼ SOLVEAIR ▼ ORDERING KEY ▼ DIAGRAM

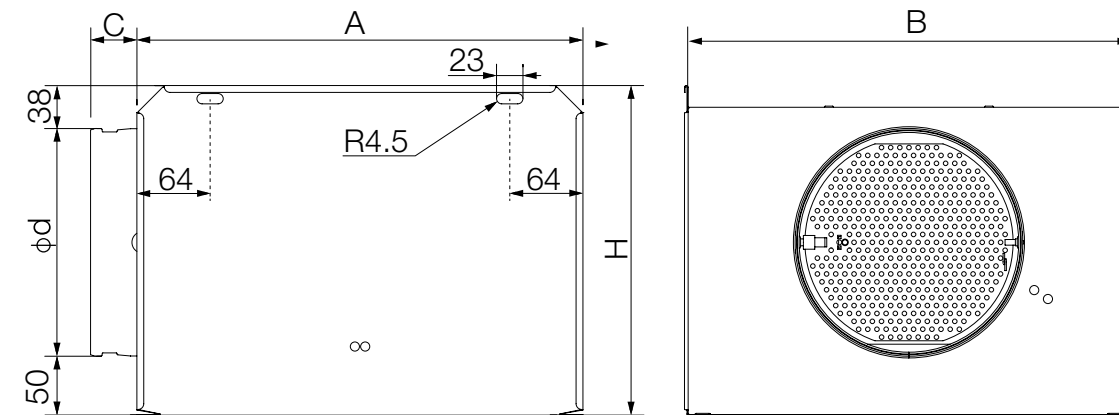
Dimensions

DOR-Q					
Model	E	e	Number of elements	A_{ef} (number of elements x A_p) m ²	A_p (surface area of one opening) mm ²
400	395	344	252	0.0462	183.37
500	495	430	396	0.0726	
600	595	516	572	0.1049	

Plenum box dimensions		PBQ
400		400
500		500
600		600



Diffuser shape Q



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



SOLVEAIR



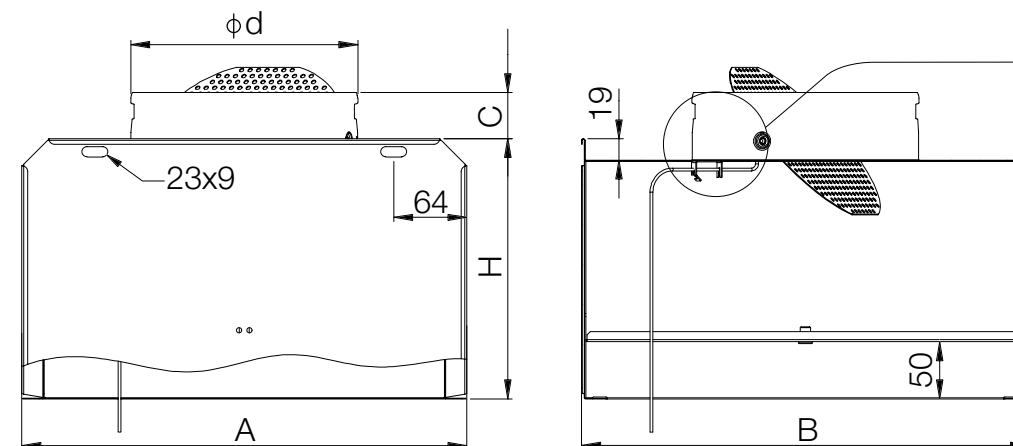
DIAGRAM



ORDERING KEY



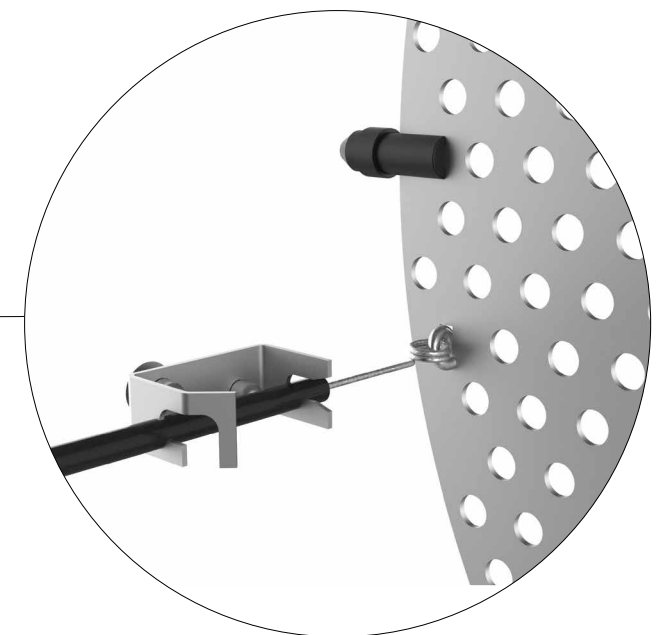
PLENUM BOXES



PBQ-V

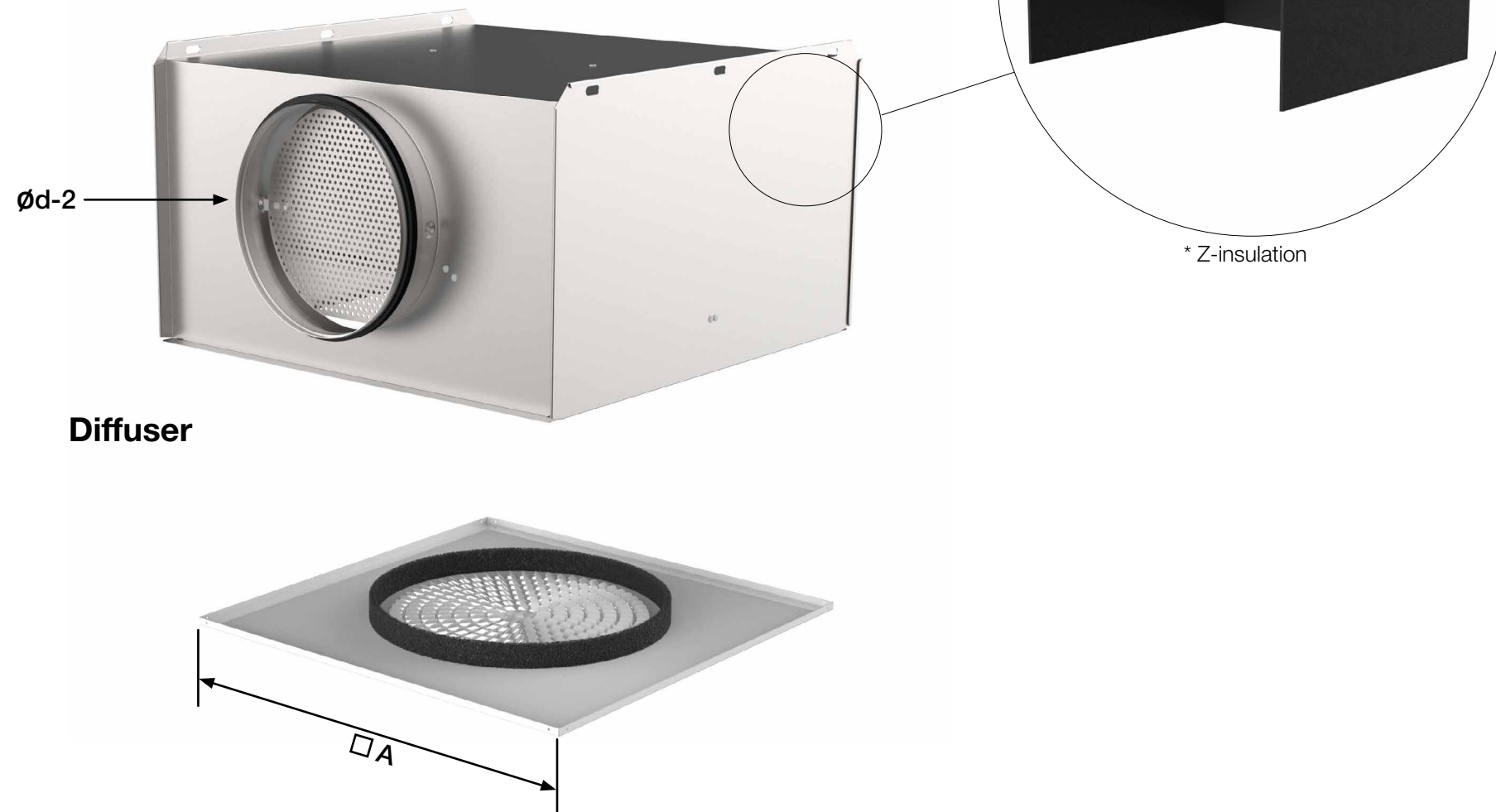
- Square plenum box design
- Vertical duct connection
- Fixing with a central screw
- Manual flow adjustment via cable mechanism
- Possible with 5mm internal insulation

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



Ordering keys

PBQ-H / PBQ-V



Diffuser

- [▼](#) SOLVEAIR
 [▼](#) DIAGRAM
 [▼](#) ORDERING KEY

ORDERING KEYS

Ød-2 PBQ connection diameter
□A Nominal plate size

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

PBQ-H - 600 - Z

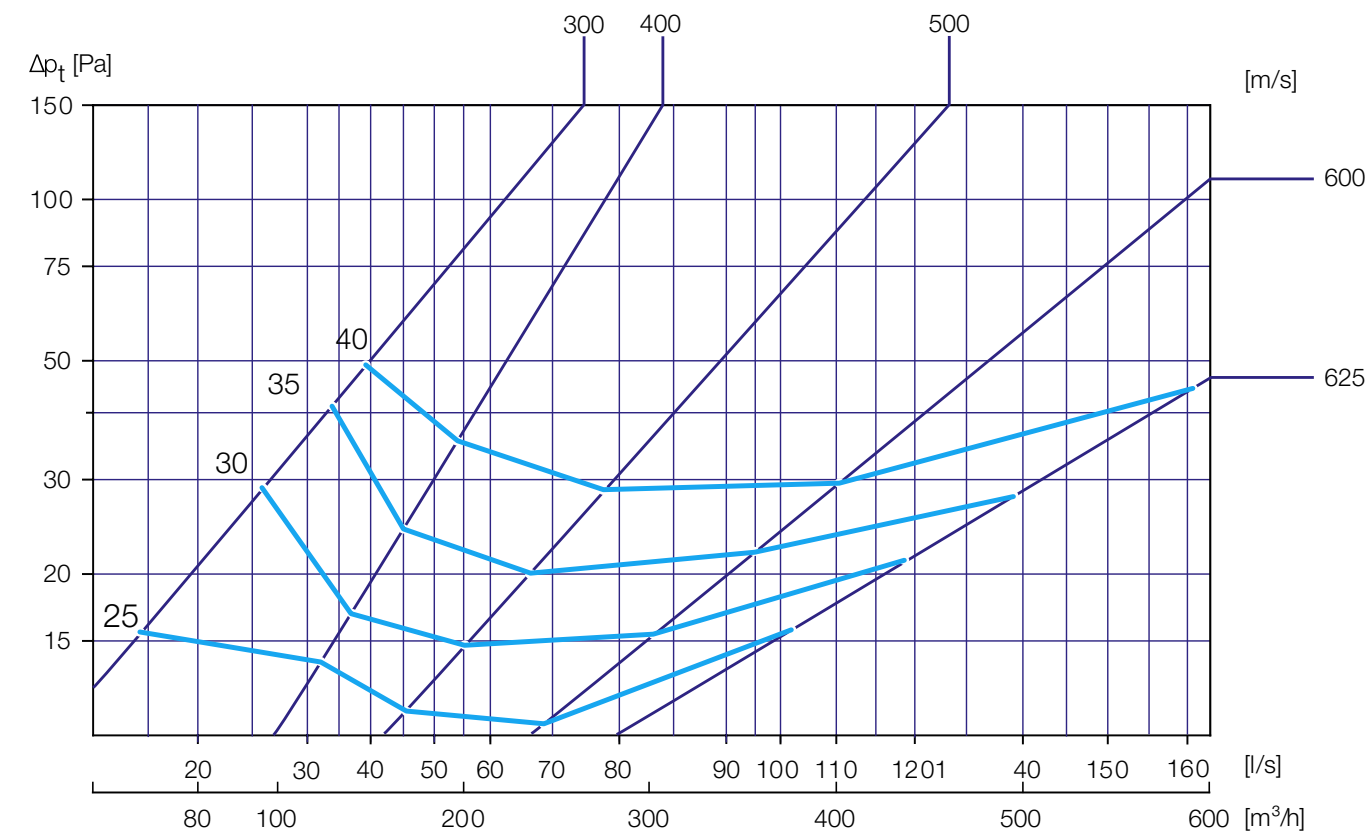
- (1) **PBQ-H** - Rectangular plenum box
PBQ-V - Rectangular plenum box
 (2) Size **300, 400, 500, 600**
 (3) Insulation: **Z**

(1) Diffuser model (2) Diffuser shape (3) Diffuser size / Pattern size

DOR - Q - 600/600

- (1) **DOR** ceiling swirl Diffuser
 (2) **Q** - rectangular shape / circular pattern
 (3) Possibility to order different pattern size for same diffuser size
300/300
400/400
500/500
600/600

Quick selection
diagram



Quick selection DOR-Q-PBQ

DOR	PBQ	Airflow [m^3/h]		
Dim.	Dim.	25 dB[A]	30 dB[A]	35 dB[A]
300	100/125	67	78	108
	125/160	72	101	145
400	160/200	144	169	203
500	200/250	190	261	298
600	250/315	304	365	430



SOLVEAIR



DIAGRAM



ORDERING KEY



DIAGRAMS



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