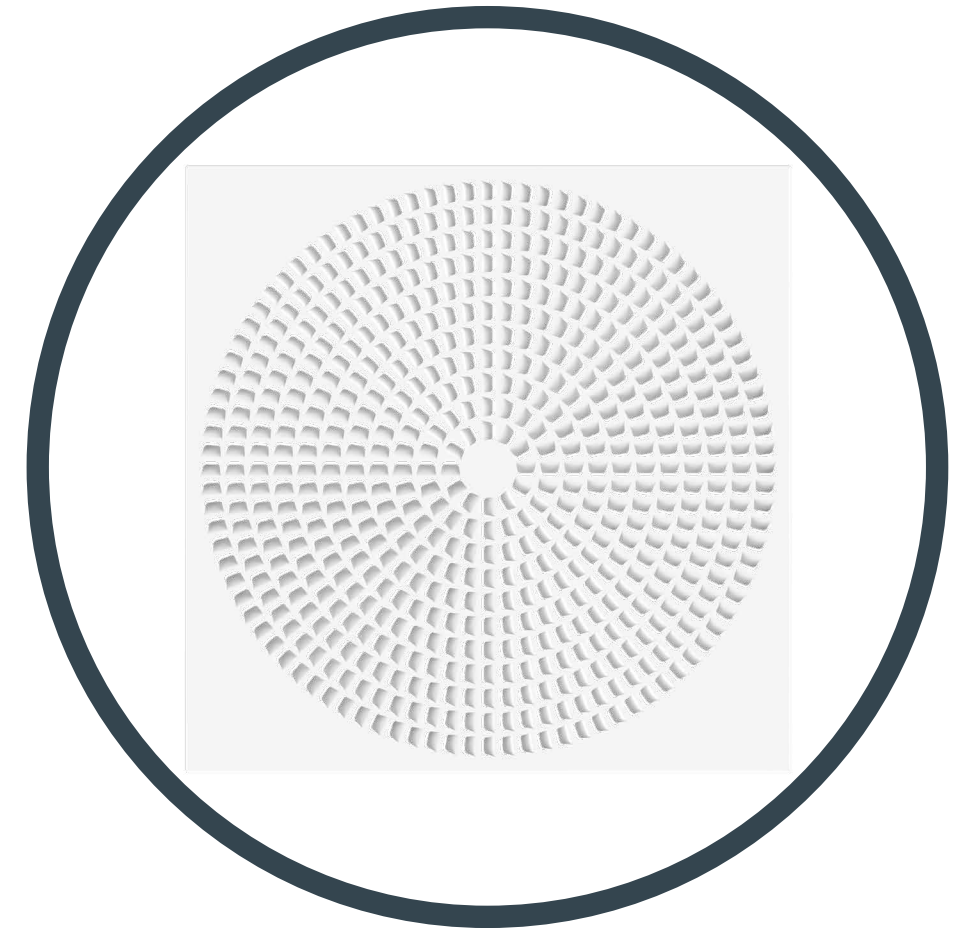
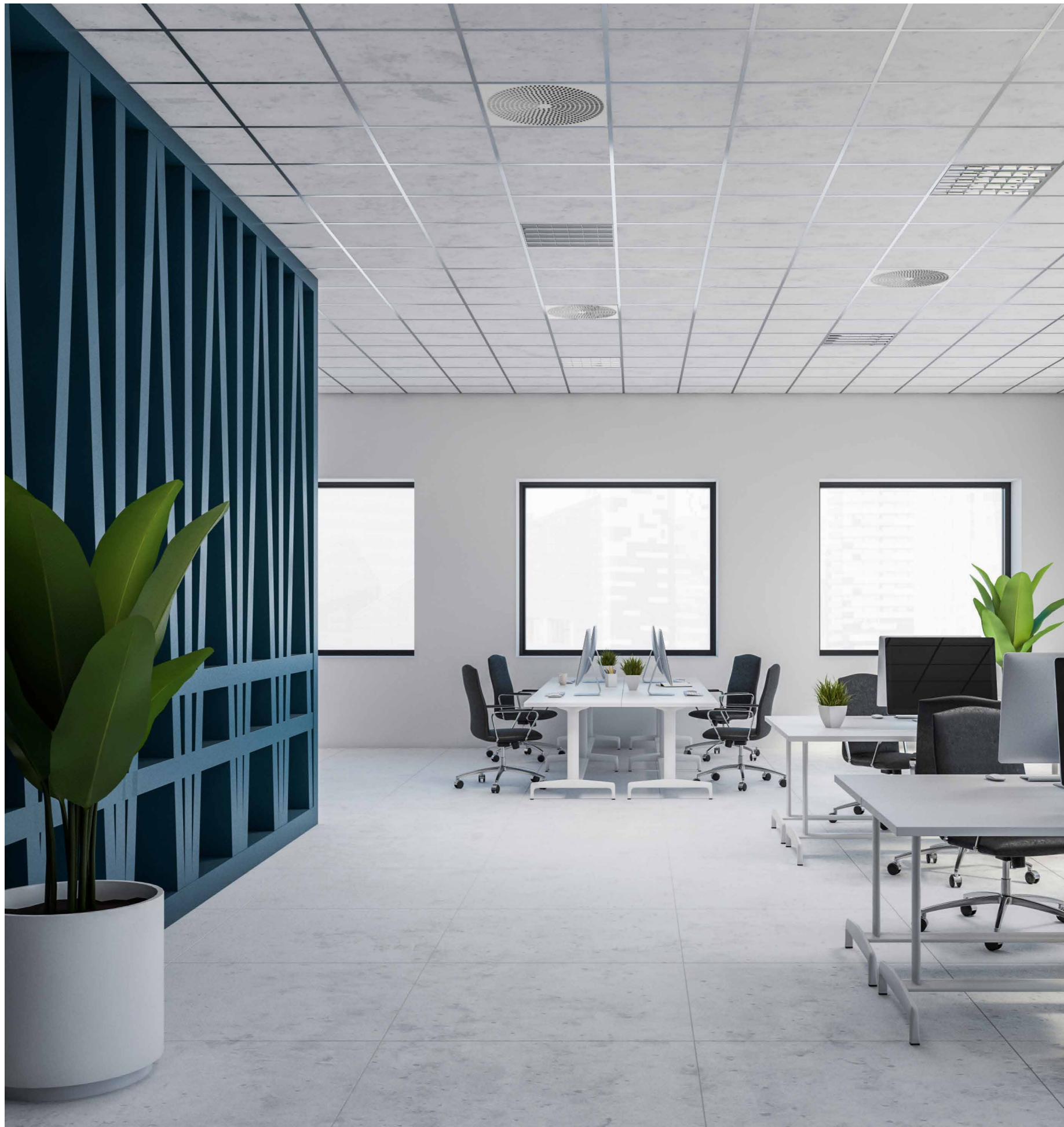




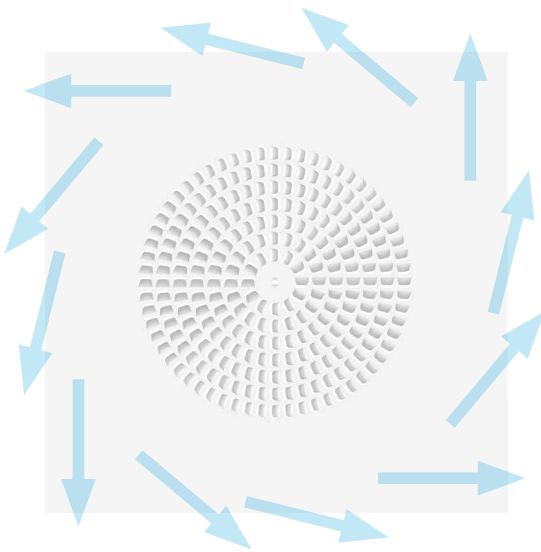
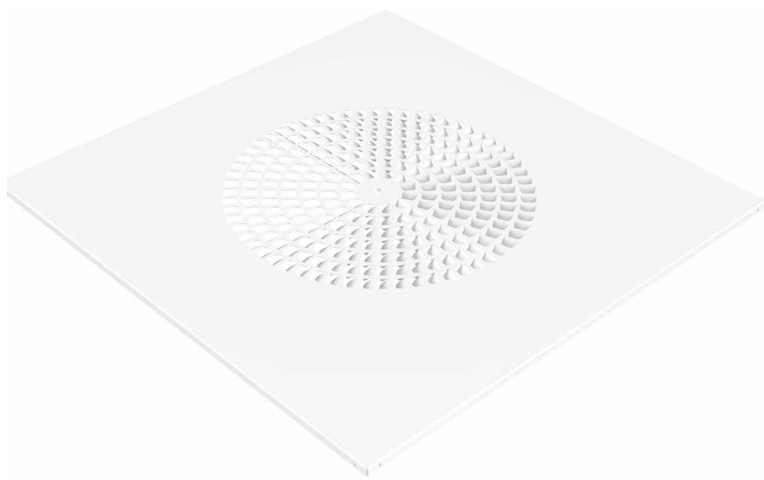
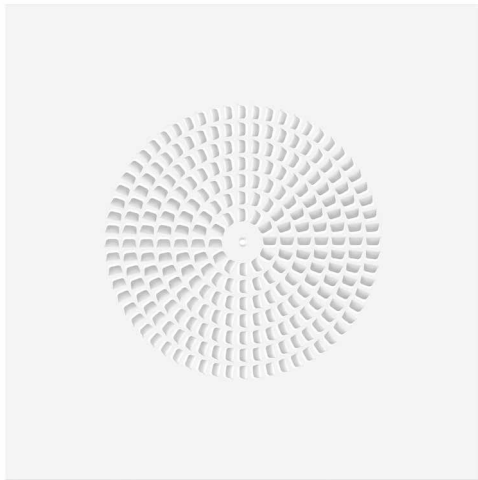
Product manual

Diffusers

DOR-Q

Air distribution

Version 1.0.0
Date: 28.04.2025.



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

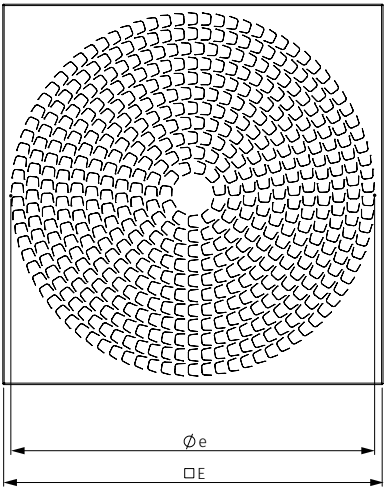
- Available in different RAL CLASSIC colours
- Plenum box

▼ SOLVEAIR ▼ ORDERING KEY ▼ DIAGRAM

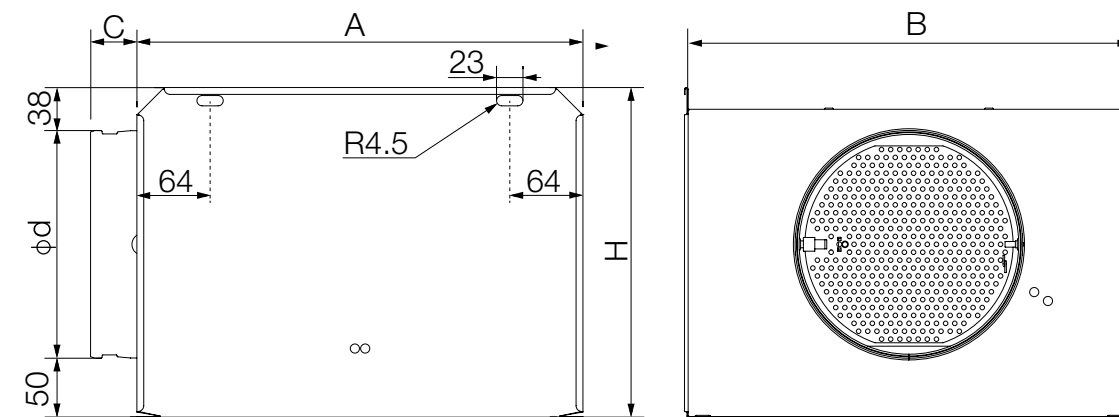
Dimensions

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



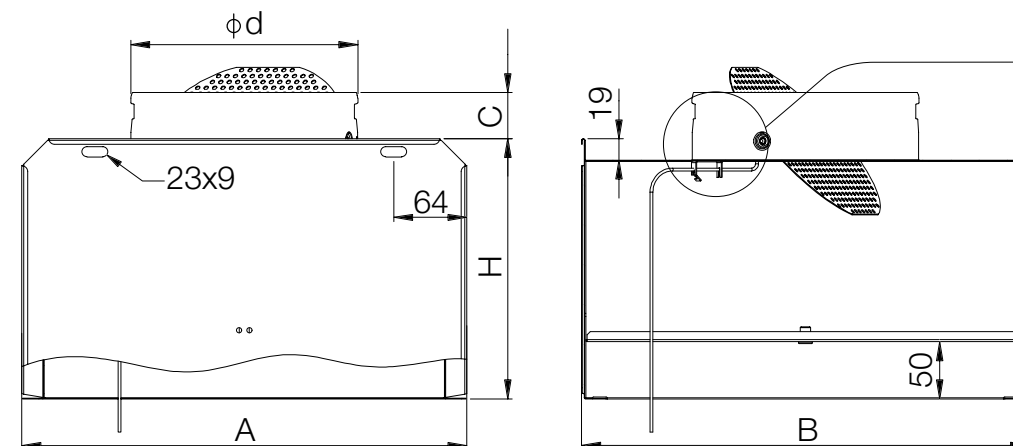
DIAGRAM



ORDERING KEY



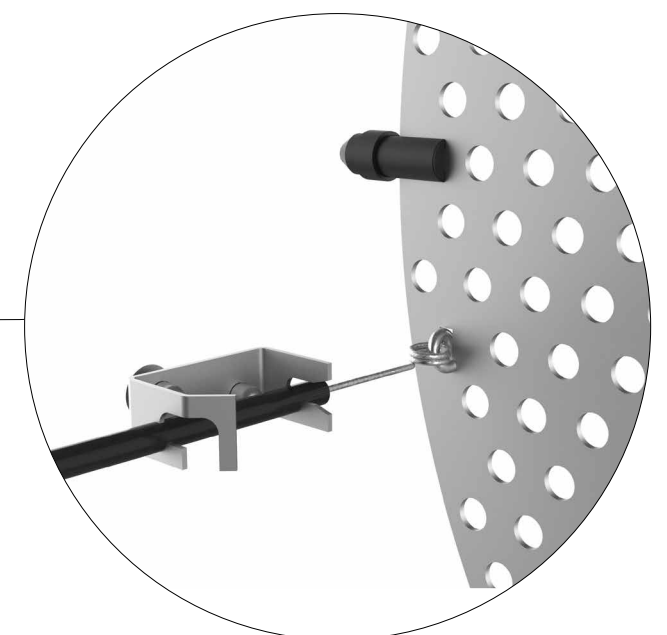
PLENUM BOXES



PBQ-V

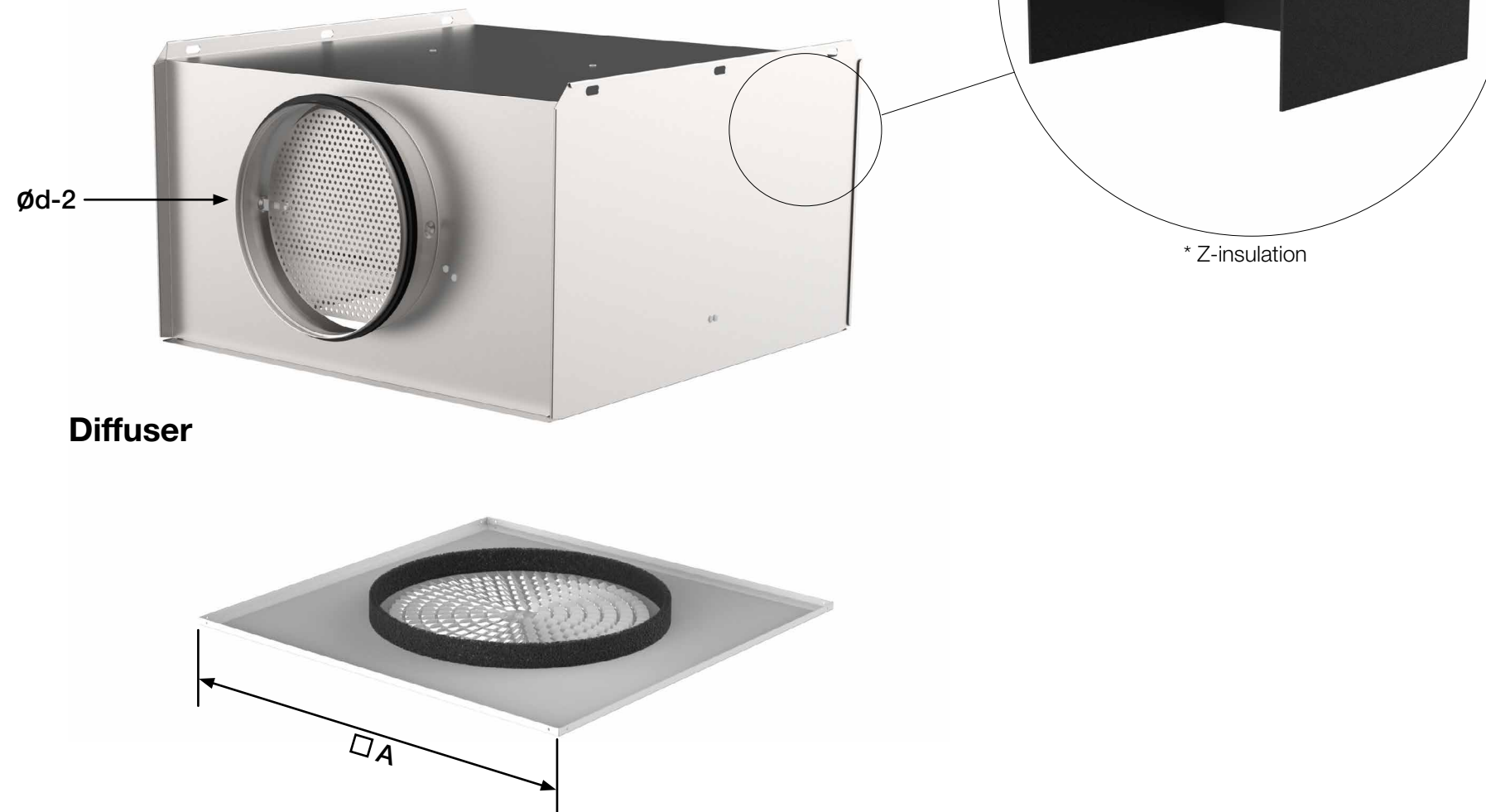
- Square plenum box design
- Vertical duct connection
- Fixing with a central screw
- Manual flow adjustment via cable mechanism
- Possible with 5mm internal insulation

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

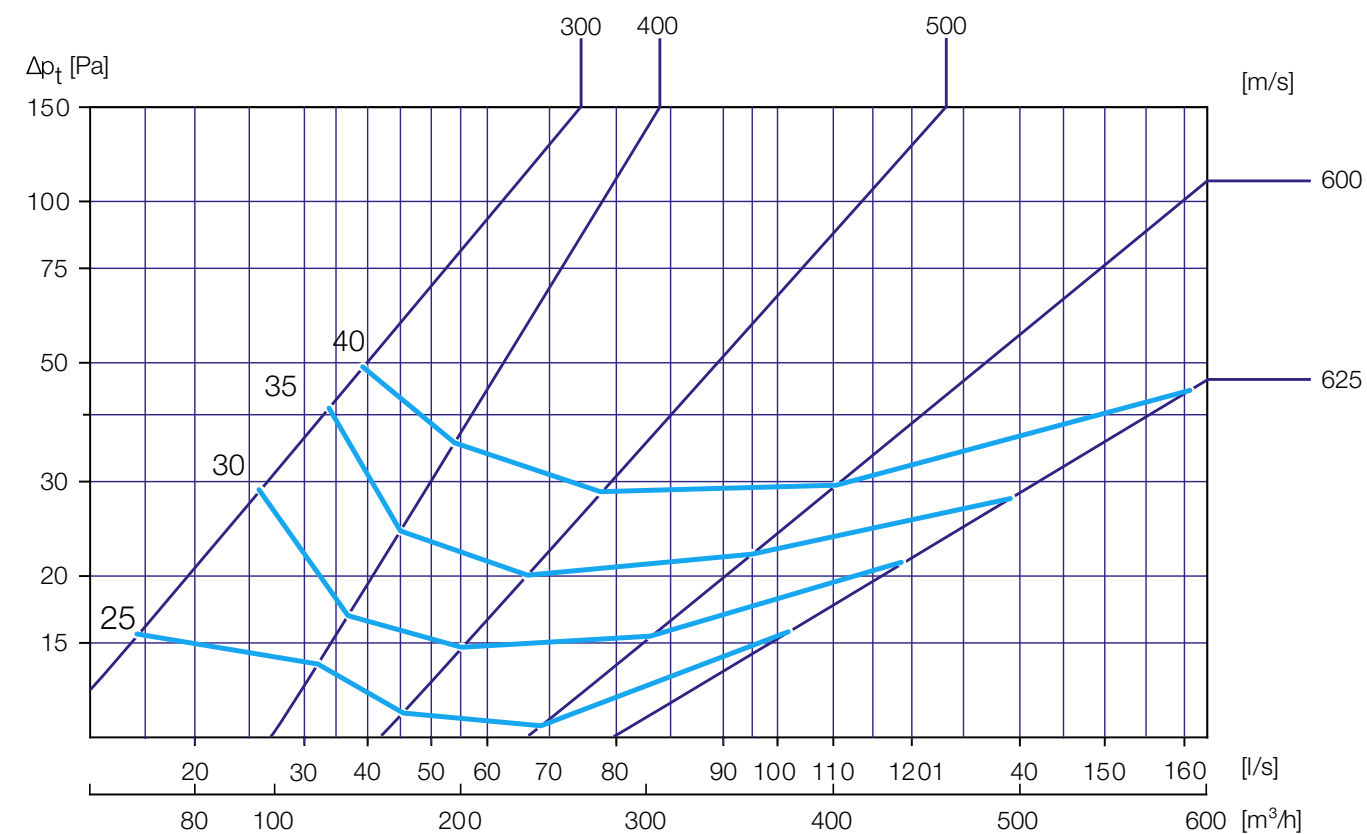
- (1) **PBQ-H** - Rectangular plenum box
PBQ-V - Rectangular plenum box
- (2) Size **300, 400, 500, 600**
- (3) Insulation: **Z**

(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

Images are for informational purposes only and may differ from the actual product.
Follow the latest versions of the catalog on the website.

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