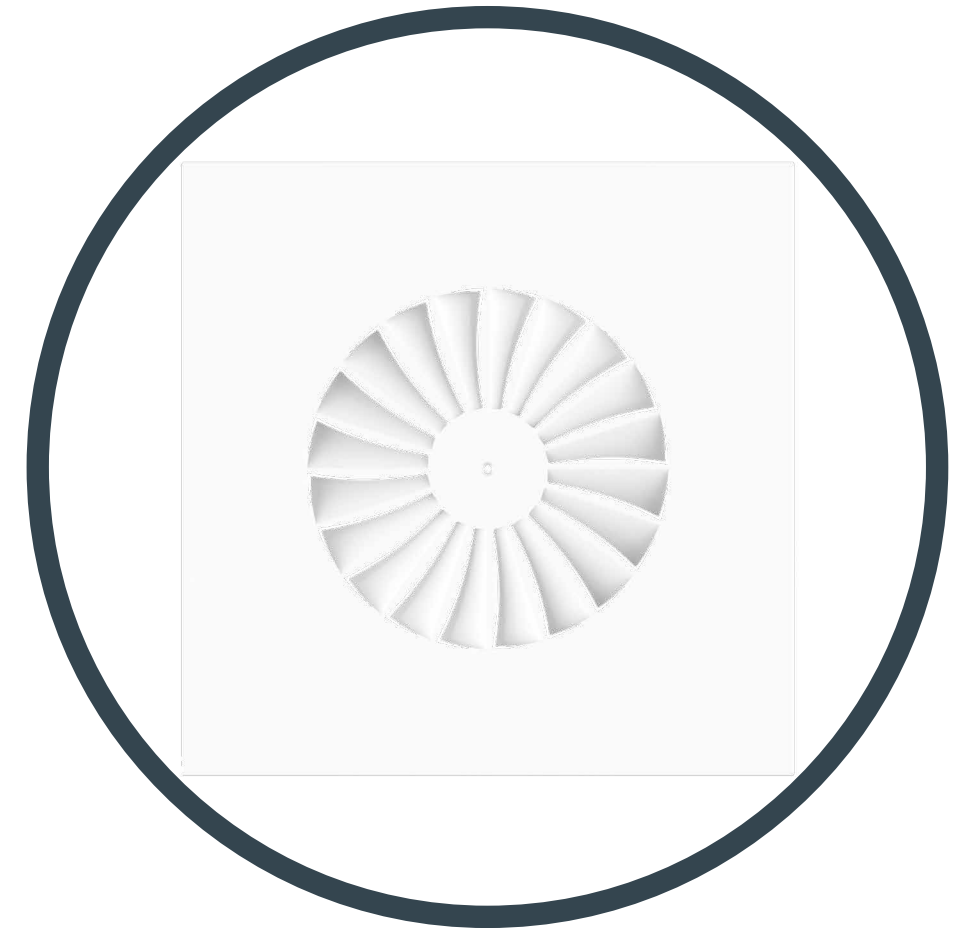
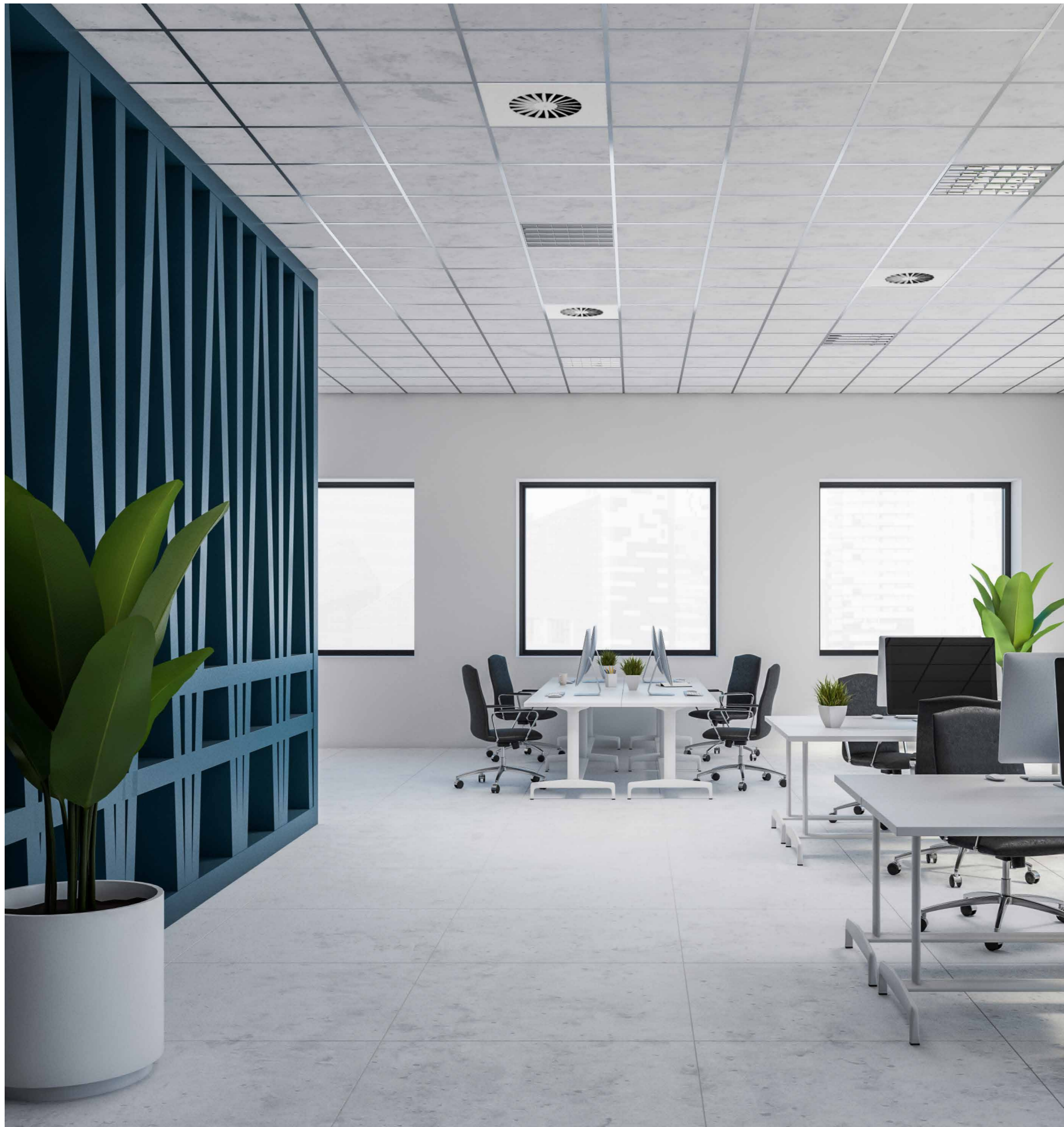




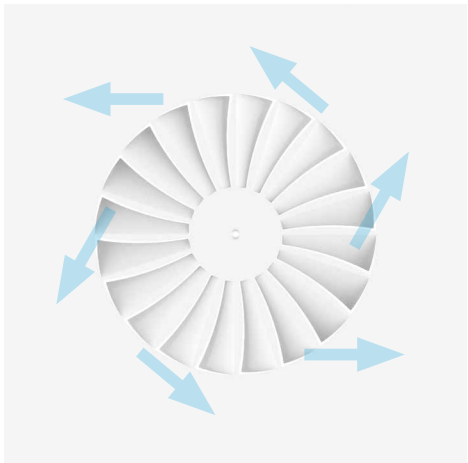
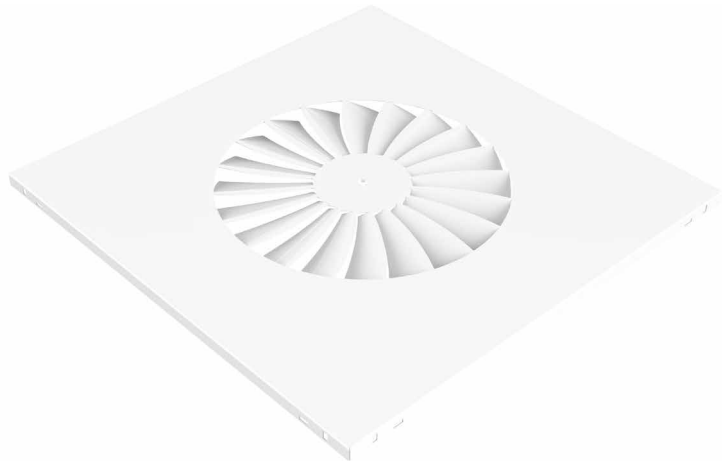
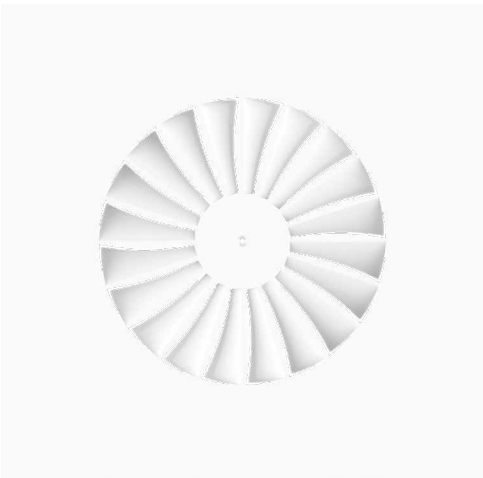
Product manual

Diffusers

DVF

Air distribution

Version 1.0.0
Date: 28.04.2025.



DVF

- Ceiling diffuser for room heights from 2,3 to 4m.
 - Frame and blades made out of steel sheet, standard RAL 9010
 - Fixed blades
 - Fixing with central screw
- Options

 - RAL...
 - Plenum box

▼ SOLVEAIR ▼ ORDERING KEY ▼ DIAGRAM

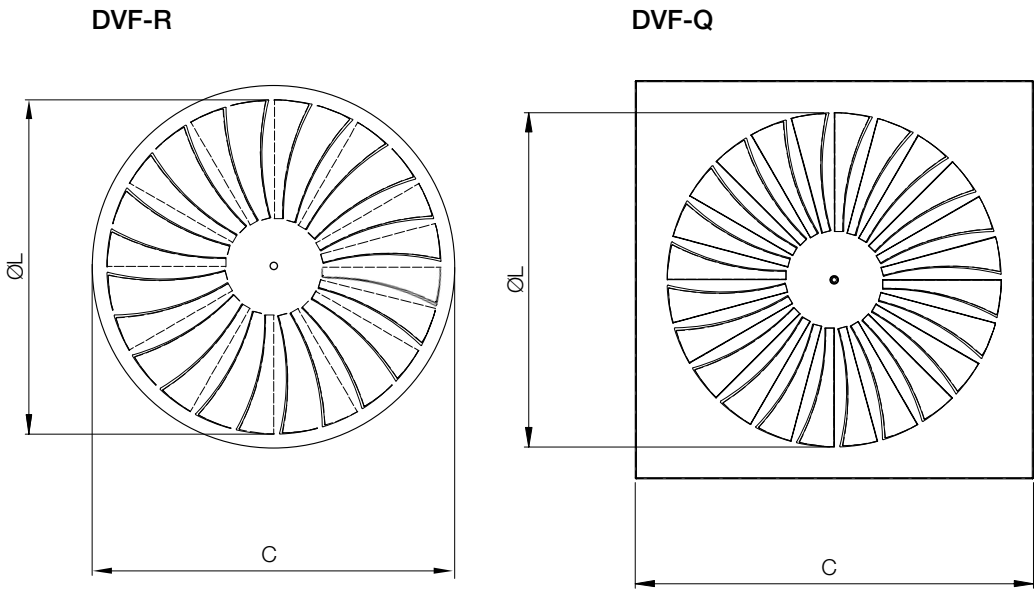
MODELS

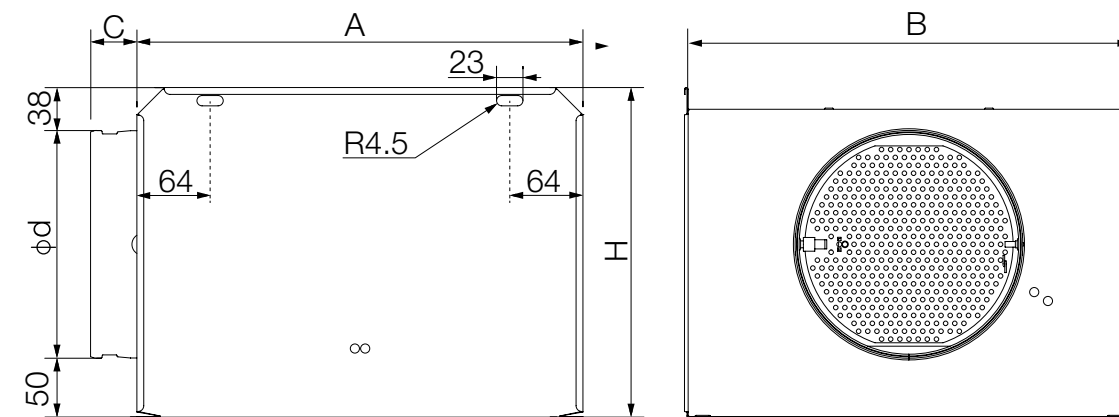
AIR DISTRIBUTION

Dimensions

Size	Ø C [mm]	Ø C [mm]	Ø L [mm]	A _{ef} [m²]
300	298	295	244	0,0155
400	398	395	320	0,0264
500	498	495	420	0,0414
600	595	595	520	0,0590
625	595	620	520	0,0590

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





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



SOLVEAIR



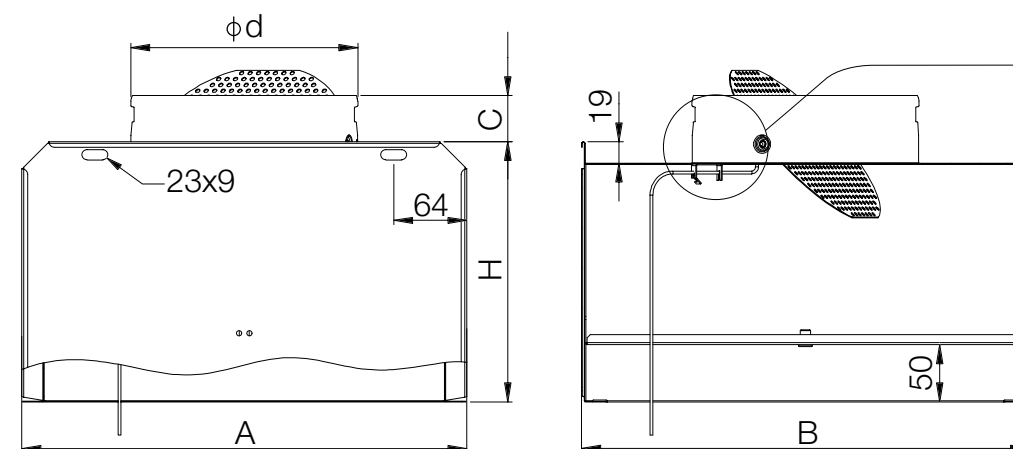
DIAGRAM



ORDERING KEY



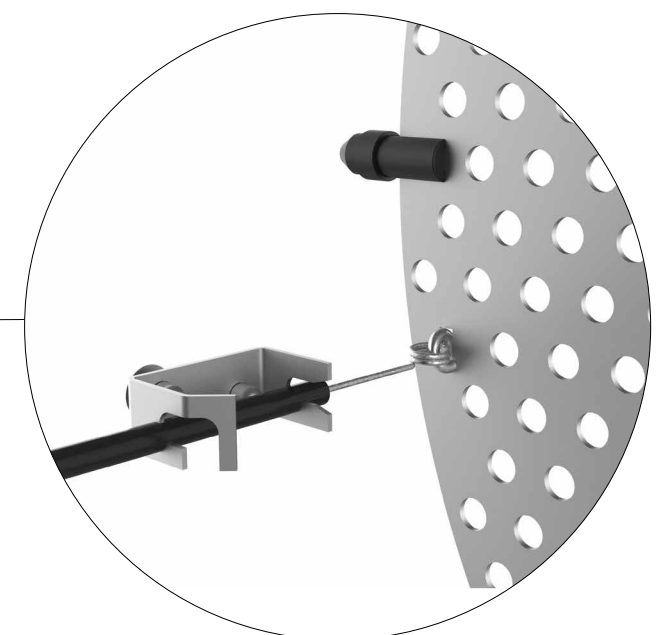
PLENUM BOXES



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

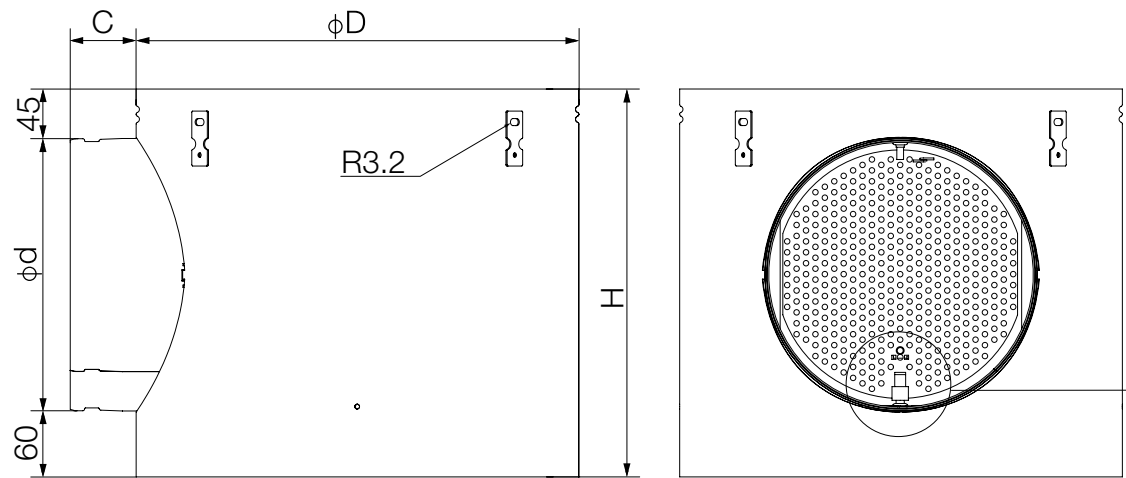
Model	Ød	AxB	H	C
300	160	290 x 292,5	228	40,5
400	200	390 x 392,5	228	40,5
500	200	490 x 492,5	228	40,5
600	250	590 x 592,5	228	40,5
625	250	615 x 617,5	228	40,5





PBR

- Plenum box for round diffusor plates
- Round plenum with horizontal spigot connection
- Available in RAL, suitable for visible installation
- Fixing with a central screw
- Manual flow adjustment via cable mechanism
- 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

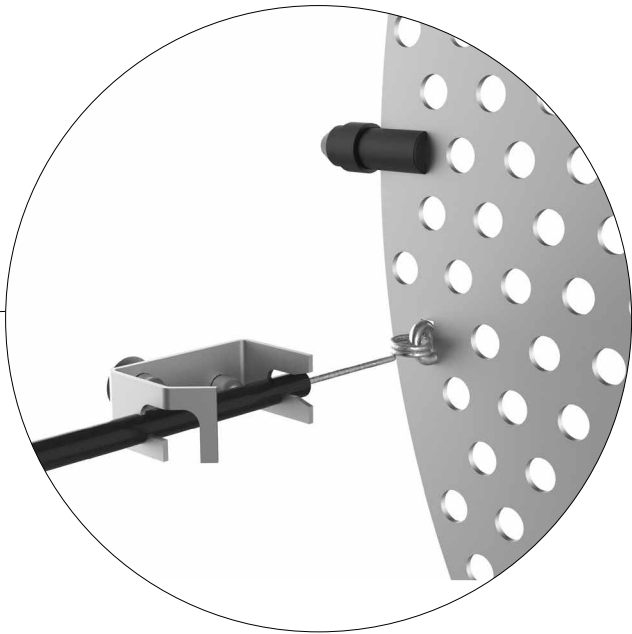
- ▼

SOLVEAIR
- ▼

DIAGRAM
- ▼

ORDERING KEY

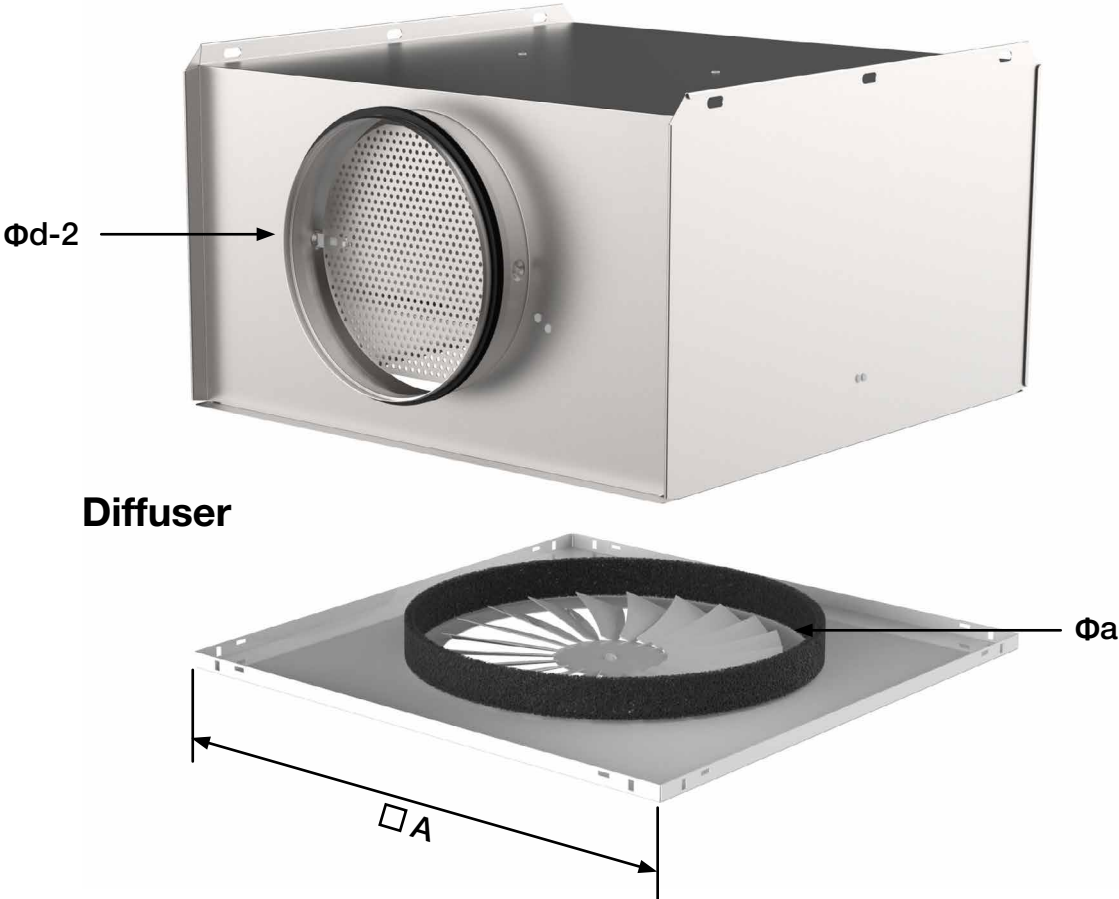
 PLENUM BOXES



Ordering keys

PBQ-H / PBQ-V

PBR



- ▼

SOLVEAIR
- ▼

DIAGRAM
- ▼

ORDERING KEY

 ORDERING KEYS

(1) Plenum box	(2) Size	(3) Insulation
PBQ-H	- 600	- Z

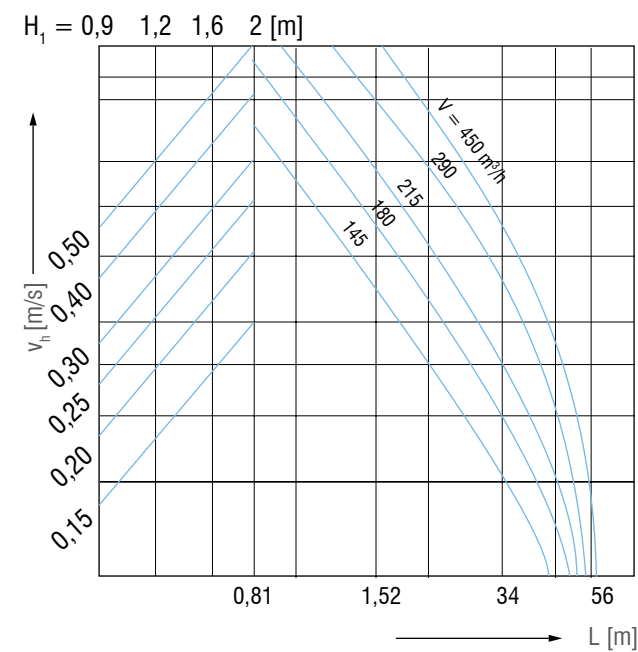
- (1) PBQ-H - ractangular plenum box
PBQ-V - ractangular plenum box
PBR - cilindrical plenum box
- (2) Size 300, 400, 500, 600
- (3) Insulation: Z
*Z1 - polyethylene FRM 5mm insulation
*Z2 - I-Fiber 20mm insulation

* For PBR plenum box

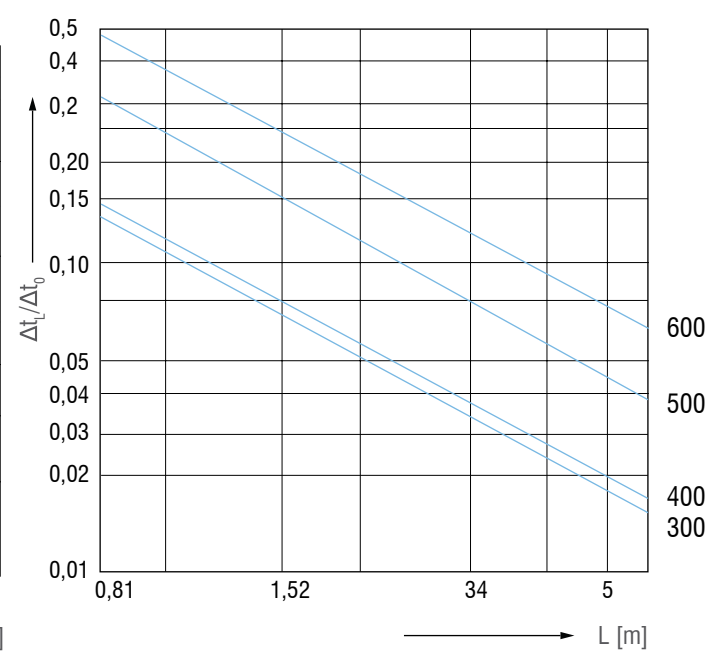
(1) Diffuser shape	(2) Size	(3) RAL
DVF-R	- 600	- 4007

- (1) DVF-Q - ractangular shape
DVF-R - cilindrical shape
- (2) Diffuser size 300, 400, 500, 600
- (3) RAL

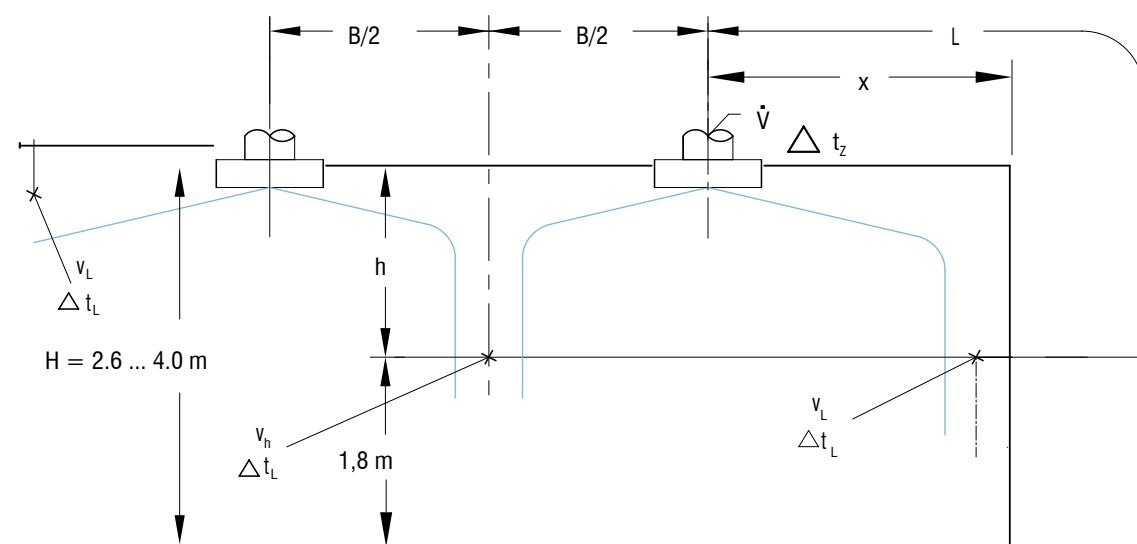
Core jet velocity



Temperature ratio at a distance L



Discharge diagram



- ▼ SOLVEAIR
- ▼ ORDERING KEY
- ▼ DIAGRAM

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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