



Product manual

Linear floor diffusers

PDI

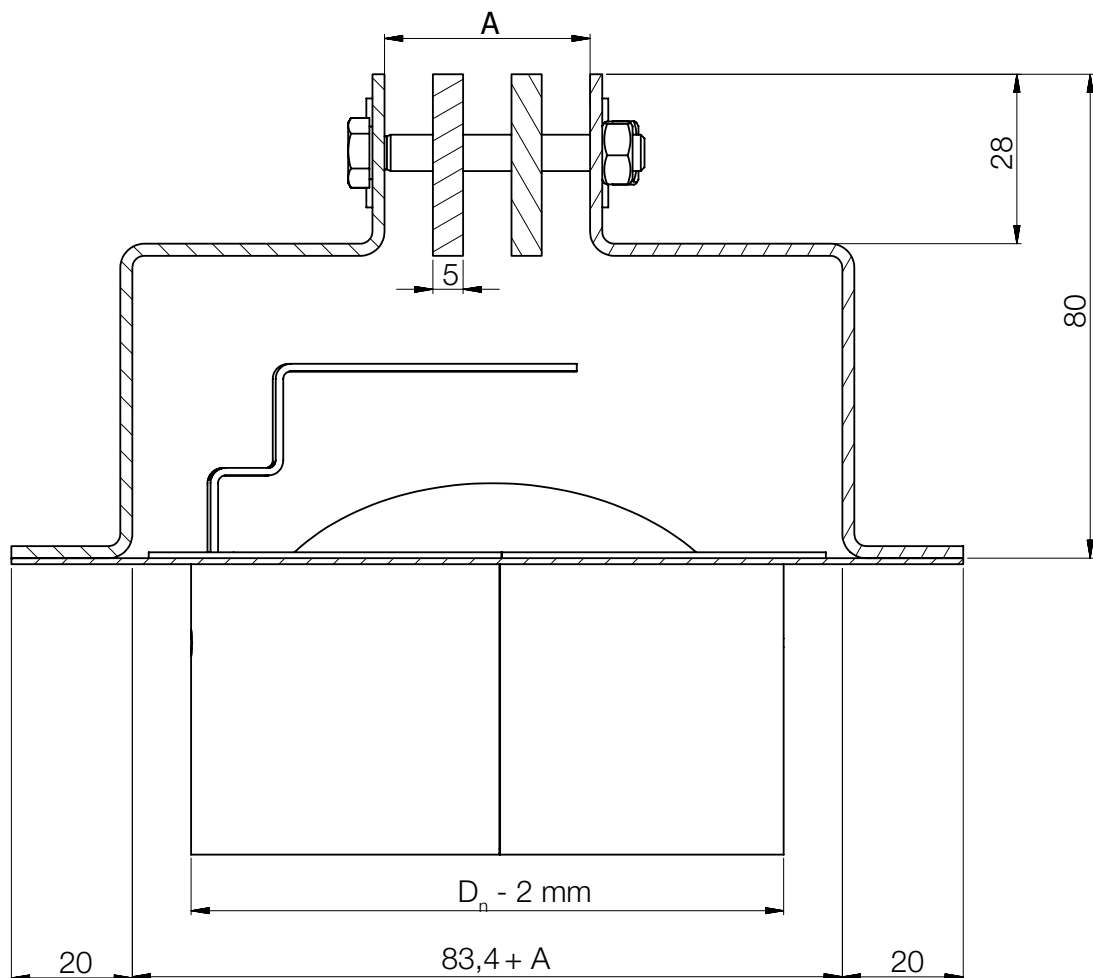
Air distribution

Version 1.0.3
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PDI

- Floor diffuser is used for air supply to large glass surfaces.
- Made of aluminium sheet, discharge elements made of extruded aluminium profiles, connecting elements made of stainless steel.
- Possible version with or without end connections
- Diffusers length 500-2000 mm in 100 mm increments



- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installations](#)



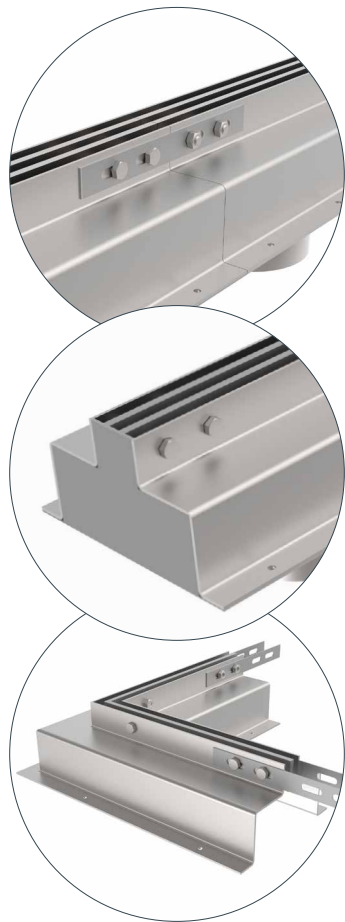
DIFFUSER PDI

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DIMENSIONS

		Sloth width															
		6 mm			8 mm			10 mm			12 mm			15 mm			
A mm	No. of slots	1	6			8			10			12			15		
	2	17			21			25			29			35			
	3	28			34			40			46			55			
	4	39			47			55			63			75			
		6 mm			8 mm			10 mm			12 mm			15 mm			
		V _{min} [m ³ /h]	V _{max} [m ³ /h]	n x D _n	V _{min} [m ³ /h]	V _{max} [m ³ /h]	n x D _n	V _{min} [m ³ /h]	V _{max} [m ³ /h]	n x D _n	V _{min} [m ³ /h]	V _{max} [m ³ /h]	n x D _n	V _{min} [m ³ /h]	V _{max} [m ³ /h]	n x D _n	
No. of slots	1	45	90	2xø80	55	110	2xø80	70	145	3xø80	90	180	3xø80	105	215	4xø80	
	2	90	180	2xø80	110	220	4xø80	140	290	5xø80	180	360	4xø100	210	430	5xø100	
	3	135	270	3xø100	165	330	4xø100	210	435	5xø100	270	540	6xø100	315	650	4xø125	
	4	180	360	4xø100	220	440	5xø100	280	560	6xø100	360	720	5xø100	420	860	6xø125	

* Flow values in the table are expressed for a diffuser length of 1 m



Easy connection of multiple diffusers in line with serial connection piece

End plate

Corner connection

Diffuser lenght combinantions

One diffuser
Ordering key: **0-2**
(0 connection plates, 2 end plates)



Two diffusers
Ordering key: **0-1**
(0 connection plates, 1 end plate)

Ordering key: **2-1**
(2 connection plates, 1 end plate)



Three diffusers
Ordering key: **0-1**
(0 connection plates, 1 end plate)

Ordering key: **2-0**
(2 connection plates, 0 end plate)

Ordering key: **2-1**
(2 connection plates, 1 end plate)



Four or more diffusers
Ordering key: **0-1**
(0 connection plates, 1 end plate)

Ordering key: **2-0**
(2 connection plates, 0 end plate)

Ordering key: **2-0**
(2 connection plates, 0 end plate)

Ordering key: **2-1**
(2 connection plates, 1 end plate)



*Use this ordering key for extra pices



- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installations](#)



DIFFUSER PDI

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ORDERING KEY PDI

(1) Diffuser model (2) Number of slots (3) Sloth width (4) Diffuser length (5) Connection / End (6) Regulation

PDI	-	2	-	10	-	1600	-	2-0	-	/
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- (1) PDI

(2) **1/2/3/4**

(3) Sloth width **6,8,10,12,15** mm

(4) Diffusers length
(**500...2000** mm in 100 mm increments)
- (5) **0-1** - 0 connection plates, 1 end plate
0-2 - 0 connection plates, 2 end plate
2-0 - 2 connection plates, 0 end plate
2-1 - 2 connection plates, 1 end plate

(6) **P** - bottom plate with regulation

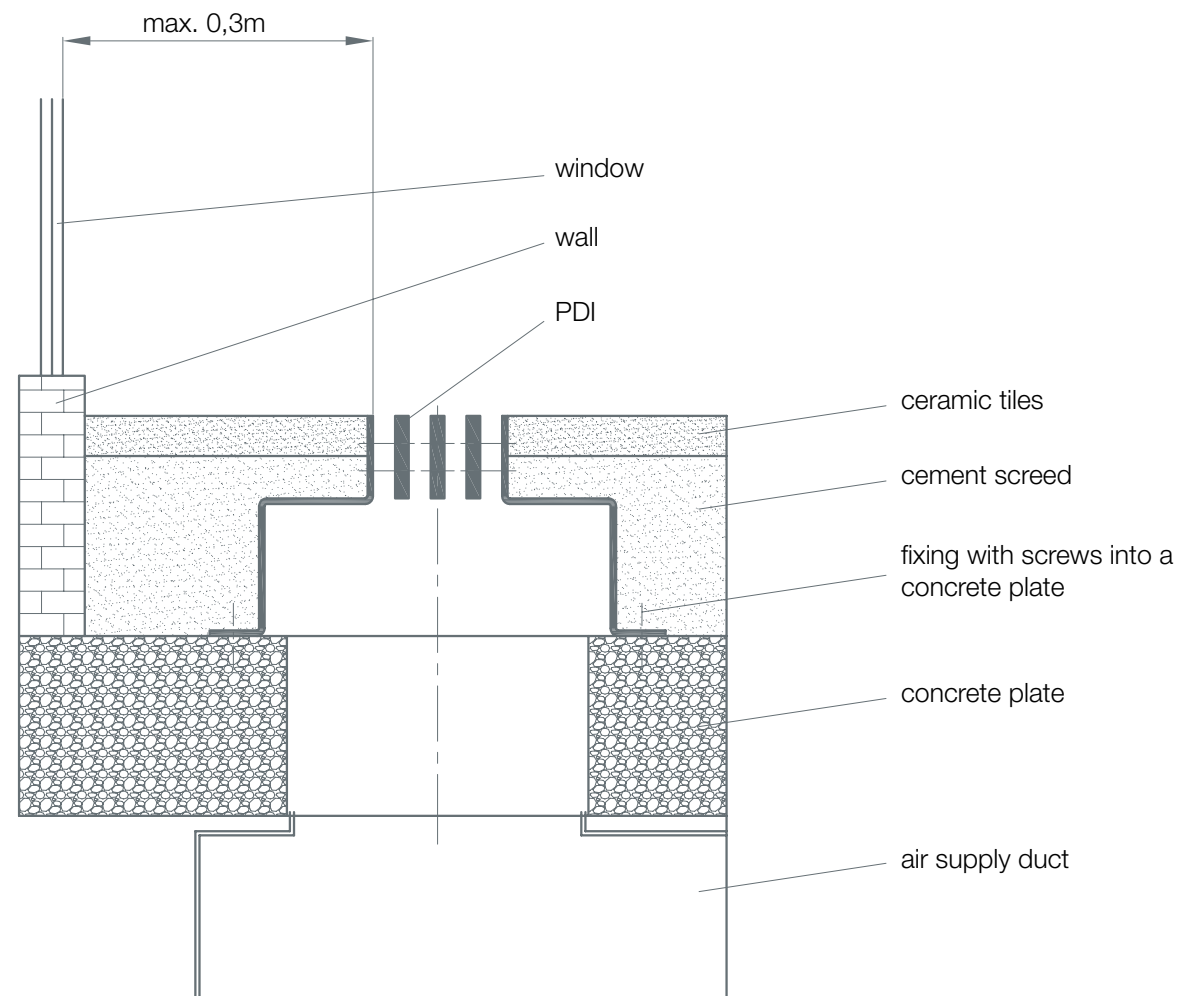
ORDERING KEY Accessories

(1) Diffuser model (2) Corner section (3) Number of slots (4) Sloth width

PDI-A	-	CS	-	2	-	10
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- (1) **PDI-A**
- (2) **CS** - Corner section (300x300 mm)
- (3) **1/2/3/4**
- (4) Sloth width **6,8,10,12,15** mm

Installation process



- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installations](#)



Damper control

Move the dampers with metal rod true the slots.





AIR DISTRIBUTION

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

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