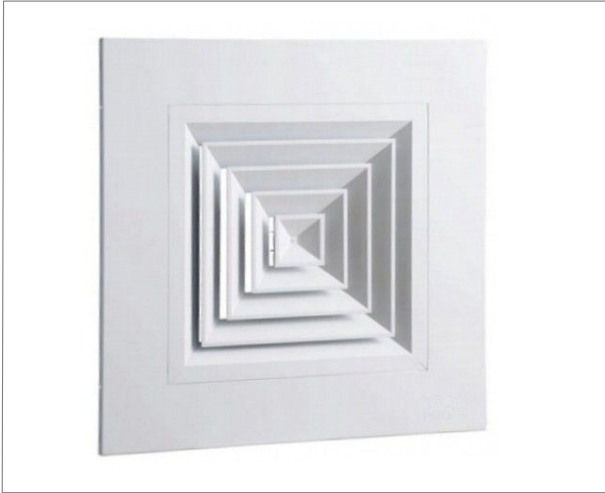


Square ceiling diffuser with reduced neck

AN-P



Specifications

Square ceiling diffuser 4-way for cassette ceiling with reduced neck.

Used mainly for supply, in ventilation systems.

Material

Aluminium core mounted in steel square frame.

Finish

Standard finish: white RAL9003.

Optional finishing:
- different RAL color (extra cost)

Mounting / Fixing

Mounting on cassette ceiling system.

There are no other mounting system available.

Optional accessories

Opposed blade damper – **OBD** (extra cost).
Plenum box – **PL** (extra cost).

Order code: **AN-P** **aaa / bbb** **+***

Product code

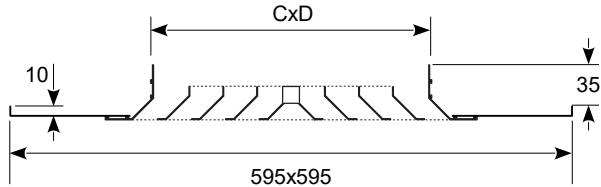
external size (mm)

neck size (mm)

not specified - white RAL9003 (standard)
RALxxxx - optional RAL code

* optional accessories

Technical data



CxD - diffuser neck size

Standard sizes

External size AxB	Neck size CxD	Q (m³/h) @ Vef 3,5 (m/s)
595x595	375x375	860
595x595	300x300	550
595x595	225x225	315

External size AxB 595x595 for cassette ceiling system.

There are no other sizes available.

Square ceiling diffuser with reduced neck

AN-P

Technical data

Q (m³/h)	Ex/Int (mm)	595 / 225	595 / 300	595 / 375
	A _{ef} (m²)	0,025	0,024	0,068
120	L _t (m)			
	L _w (dB(A))			
	ΔP _t (Pa)			
160	L _t (m)	0,7		
	L _w (dB(A))	13		
	ΔP _t (Pa)	2		
200	L _t (m)	0,8		
	L _w (dB(A))	18		
	ΔP _t (Pa)	4		
250	L _t (m)	1,0		
	L _w (dB(A))	24		
	ΔP _t (Pa)	6		
300	L _t (m)	1,3	0,9	
	L _w (dB(A))	28	16	
	ΔP _t (Pa)	8	3	
400	L _t (m)	1,7	1,3	
	L _w (dB(A))	35	24	
	ΔP _t (Pa)	15	5	
500	L _t (m)	2,1	1,6	1,3
	L _w (dB(A))	41	29	20
	ΔP _t (Pa)	23	7	3
600	L _t (m)		1,9	1,5
	L _w (dB(A))		34	25
	ΔP _t (Pa)		10	4
800	L _t (m)		2,5	2
	L _w (dB(A))		41	32
	ΔP _t (Pa)		18	8
1000	L _t (m)		3,1	2,5
	L _w (dB(A))		46	37
	ΔP _t (Pa)		29	12
1200	L _t (m)			3
	L _w (dB(A))			42
	ΔP _t (Pa)			17
1600	L _t (m)			4
	L _w (dB(A))			49
	ΔP _t (Pa)			30
2000	L _t (m)			
	L _w (dB(A))			
	ΔP _t (Pa)			

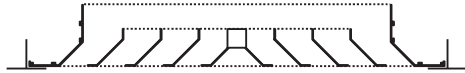
Data is valid for:

- H ceiling = 3,0±0,5m
- L_t (m) @ V_t=0,25 m/s (with Coanda effect)
- L_w(dB(A)) incl. room attenuation 5dB(A)
- Temperature difference Dt=-10K

Square ceiling diffuser with reduced neck

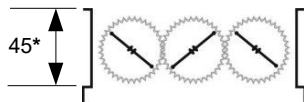
AN-P

Fixing



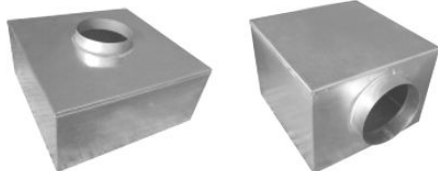
In cassette ceiling system(**standard**).

Optional accessories



OBD - Opposed blade damper (extra cost).

*to be added to diffuser depth dimension



PL – Plenum box(extra cost)

Variants:

- uninsulated / thermal insulated
- axial or lateral spigot