Square ceiling diffuser with circular connection

AN-C

Specifications

Square ceiling diffuser with circular connection.

Used mainly for supply, in ventilation systems.

Material

Steel.

Finish

Standard finish: white RAL9003.

Optional finishing:
- different RAL (extra cost)

Mounting / Fixing

Mounting on casette ceiling system.

There are no other mounting system available.

Optional accessories

Butterfly damper - **DF** (extra cost).
Plenum box - **PC** (extra cost).

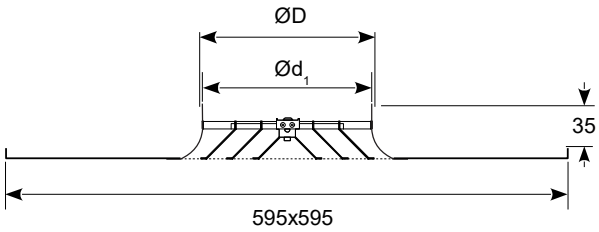
Order code: **AN-C** **aaa** **/** **bbb** **+***

Product code
external size (mm)
circular diameter (mm)

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

* optional accessories

Technical data



ØD - circular connection diameter

Standard sizes

External size AxB	Connection diam. ØD	$Ød_1$	Q (m^3/h) @ Vef 3,5 (m/s)
595x595	150	147	130
595x595	200	197	290
595x595	250	247	450
595x595	300	297	640
595x595	350	347	870

External size AxB 595x595 for cassette ceiling system.

There are no other sizes available.

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Q (m^3/h)	Ød (mm)	150	200	250	300	350
	A_{ef} (m^2)	0,009	0,016	0,025	0,035	0,048
100	Lt(m)	0,9				
	Lw(dB(A))	10				
	ΔPt(Pa)	7				
150	Lt(m)	1,3	1,2			
	Lw(dB(A))	19	<5			
	ΔPt(Pa)	13	4			
200	Lt(m)	1,8	1,4			
	Lw(dB(A))	33	10			
	ΔPt(Pa)	18	6			
300	Lt(m)	2,5	2,0	1,4		
	Lw(dB(A))	43	20	<5		
	ΔPt(Pa)	30	12	3		
400	Lt(m)		2,6	1,8		
	Lw(dB(A))		36	10		
	ΔPt(Pa)		19	5		
500	Lt(m)		3,0	2,4	2	
	Lw(dB(A))		45	22	7	
	ΔPt(Pa)		33	9	6	
750	Lt(m)			3,3	2,8	2,7
	Lw(dB(A))			38	26	10
	ΔPt(Pa)			24	12	5
1000	Lt(m)			4,3	3,9	3,1
	Lw(dB(A))			44	33	24
	ΔPt(Pa)			38	18	9
1500	Lt(m)				5	4,5
	Lw(dB(A))				44	38
	ΔPt(Pa)				38	24
2000	Lt(m)					5,0
	Lw(dB(A))					44
	ΔPt(Pa)					38
2500	Lt(m)					
	Lw(dB(A))					
	ΔPt(Pa)					
3000	Lt(m)					
	Lw(dB(A))					
	ΔPt(Pa)					
3500	Lt(m)					
	Lw(dB(A))					
	ΔPt(Pa)					
4000	Lt(m)					
	Lw(dB(A))					
	ΔPt(Pa)					
5000	Lt(m)					
	Lw(dB(A))					
	ΔPt(Pa)					

Data is valid for:
- H ceiling =3,0±0,5m
- Lt (m) @ Vt=0,25 m/s (with Coanda effect)
- Lw(db(A)) incl. room attenuation 5dB(A)
- Temperature difference Dt=-10K

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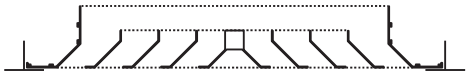
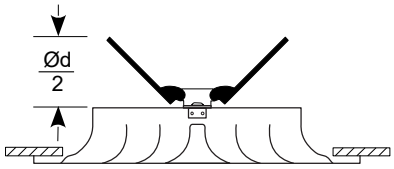
Fixing

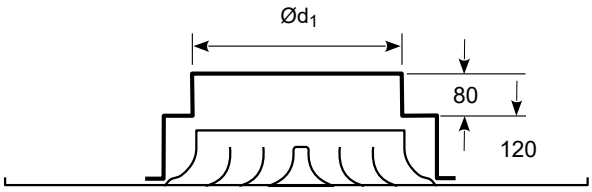


In cassette ceiling system(**standard**).

Optional accessories



Butterfly damper - **DF** (extra cost)



Plenum box - **PC**