

PCIRCLE

TECHNICAL PARAMETERS

SUPPLY

m ³ /h	dim (mm)	P CIRCLE 100/125	P CIRCLE 160	P CIRCLE 200				
	Ak (m ²)	0.00445	0.00939	0.0109				
60	X (m)	0.9						
	Pt (Pa)	18						
	SPLA (dB (A))	<20						
80	X (m)	1.2	0.6	0.4				
	Pt (Pa)	34	4	3				
	SPLA (dB (A))	<20	<20	<20				
100	X (m)	1.5	0.7	0.5				
	Pt (Pa)	62	7	5				
	SPLA (dB (A))	<20	<20	<20				
160	X (m)		1.2	0.8				
	Pt (Pa)		20	11				
	SPLA (dB (A))		<20	<20				
200	X (m)		1.5	1				
	Pt (Pa)		32	18				
	SPLA (dB (A))		<20	<20				
300	X (m)		2.2	1.5				
	Pt (Pa)		72	41				
	SPLA (dB (A))		26	24				
400	X (m)		3	2.1				
	Pt (Pa)		145	71				
	SPLA (dB (A))		32	30				
500	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							
600	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							
700	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							

X (m) - Throw distance (0,25 m/s)

Pt (Pa) - Pressure drop in the diffuser

SPLA (dba) - Sound pressure level at 1m distance
from the diffuser

Ak (m²) - effective area

	Green	Yellow	Red
X (m)	When short throw distance is needed	When average throw distance is needed	When bigger throw distance is needed
Pa	Where low pressure drop is required	Where medium pressure drop is suitable	Where big pressure drop is suitable
SPLA	Rooms with no ambient noise (Bedroom)	Rooms with medium ambient noise (Lobby)	Rooms with ambient noise (Office room)

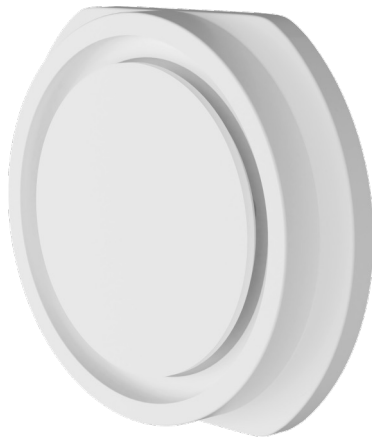
* IMPORTANT: This information is for guidance only, please consult your HVAC professional for you specific requirements.

EXHAUST

m ³ /h	dim (mm)	P CIRCLE 100/125	P CIRCLE 160	P CIRCLE 200				
	Ak (m ²)	0.00445	0.00939	0.0109				
60	X (m)							
	Pt (Pa)	17						
	SPLA (dB (A))	<20						
80	X (m)							
	Pt (Pa)	32	8	4				
	SPLA (dB (A))	<20	<20	<20				
100	X (m)							
	Pt (Pa)	55	12	6				
	SPLA (dB (A))	<20	<20	<20				
160	X (m)							
	Pt (Pa)		27	14				
	SPLA (dB (A))		<20	<20				
200	X (m)							
	Pt (Pa)		42	21				
	SPLA (dB (A))		<20	<20				
300	X (m)							
	Pt (Pa)		93	47				
	SPLA (dB (A))		26	24				
400	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							
500	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							
600	X (m)							
	Pt (Pa)							
	SPLA (dB (A))							

PCIRCLE 100/125

ROUND DIFFUSER „COANDA“



reddot winner 2023

100/125 mm

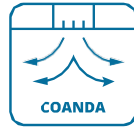
CONNECTION DIAMETER

2,4 kg

WEIGHT WITHOUT PACKAGING (NET)

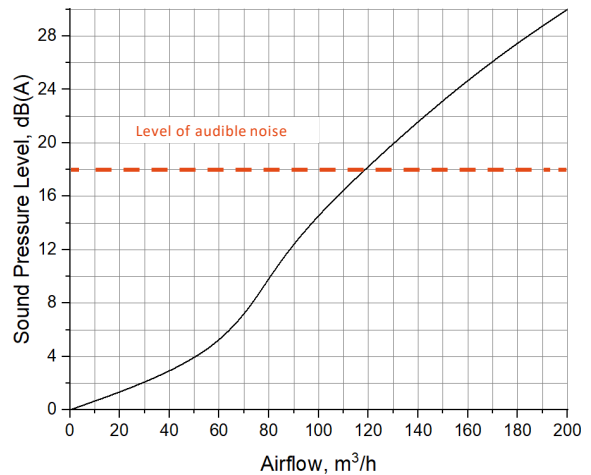
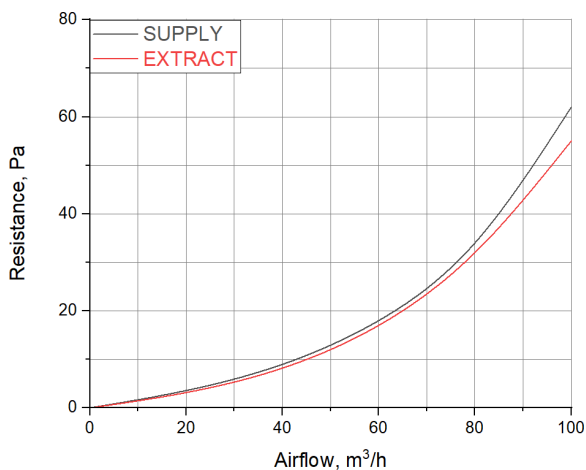
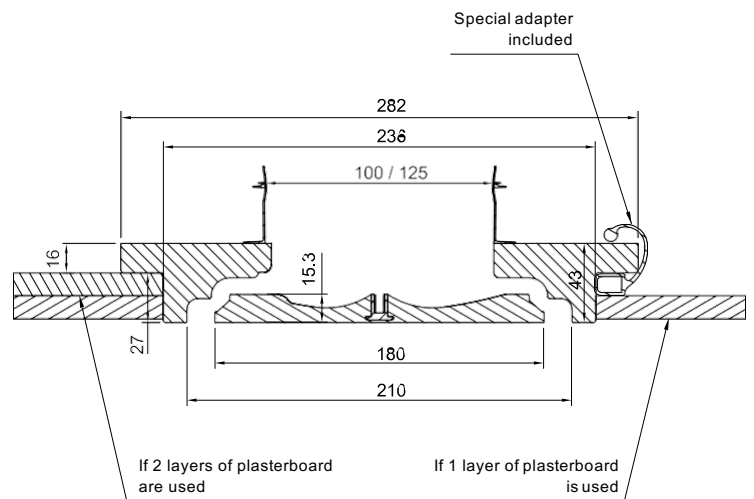
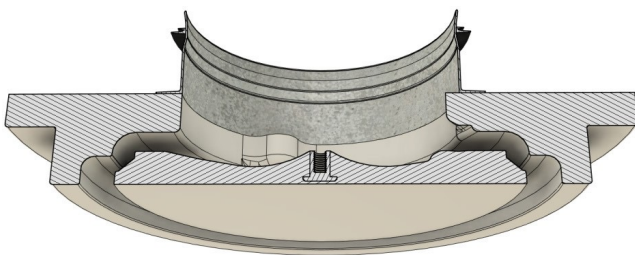
COANDA effect

SPECIAL PATENTED SHAPE



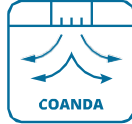
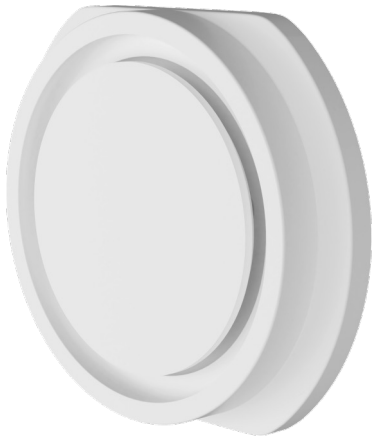
Order code for 100 ø:
PCIRCLE 100
Hole diameter

Order code for 125 ø:
PCIRCLE 125
Hole diameter



PCIRCLE 1601

ROUND DIFFUSER „COANDA“



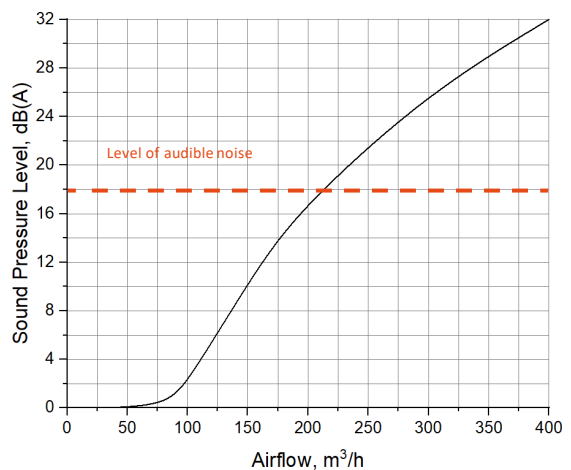
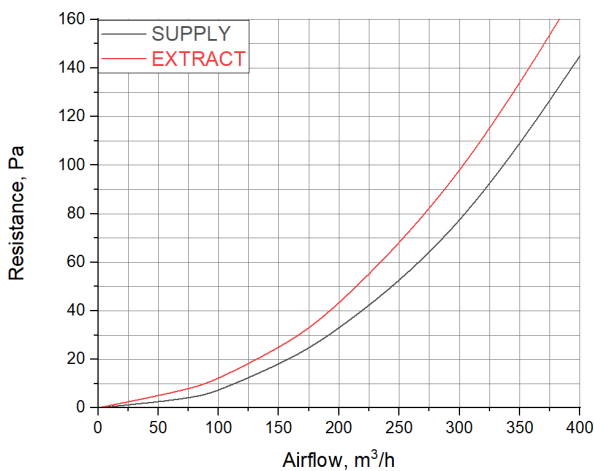
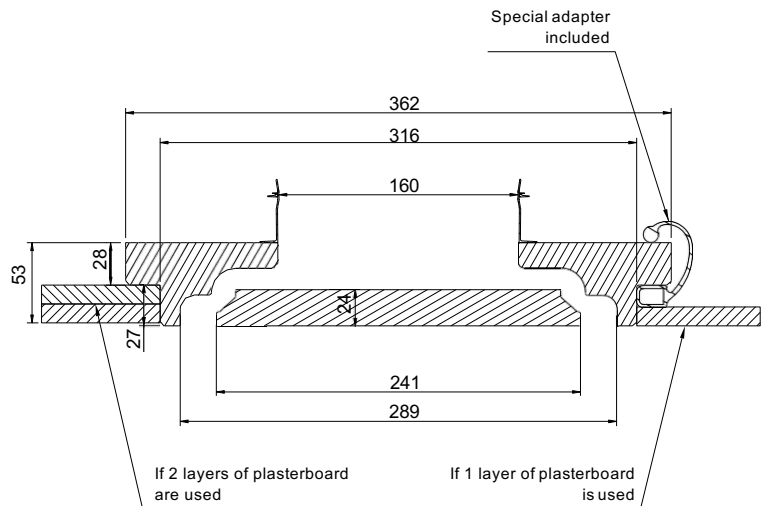
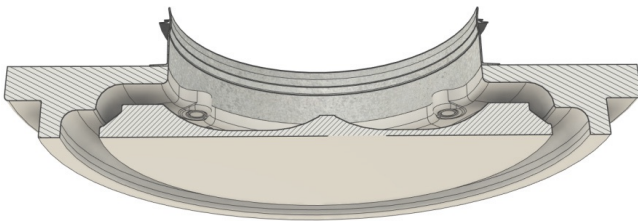
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160 mm
CONNECTION DIAMETER

5 kg
WEIGHT WITHOUT PACKAGING (NET)

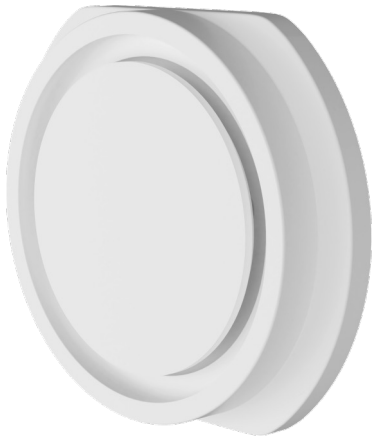
COANDA effect
SPECIAL PATENTED SHAPE

Order code for 1601 ø:
PCIRCLE 1601
Hole diameter

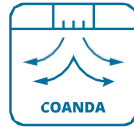


PCIRCLE 2001

ROUND DIFFUSER „COANDA“



Order code for 2001 ø:
PCIRCLE 2001
Hole diameter



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200 mm
CONNECTION DIAMETER

5,75 kg
WEIGHT WITHOUT PACKAGING (NET)

COANDA effect
SPECIAL PATENTED SHAPE

