

DEN Diffuser

DEN air diffuser with round plenum box for visible installation, equipped with a duct connection Ø100-315.

Features:

- For rooms without a suspended ceiling
- Suitable for both supply and exhaust
- Duct sizes Ø 100-315 mm
- Easy to clean
- Low noise level
- With measuring and regulating device

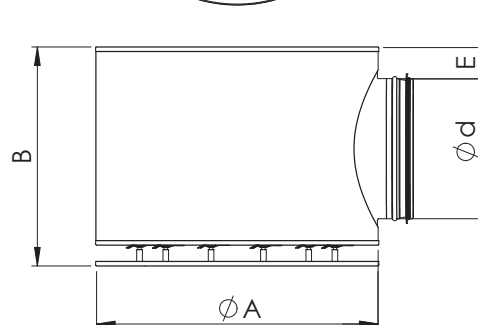
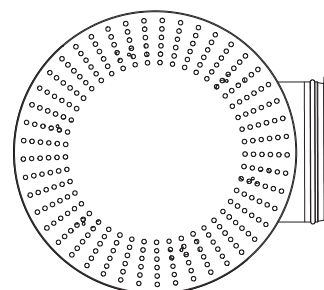
Air is supplied through the side and the perforated front plate, ensuring efficient mixing with the room air. The front plate is easily removable, which facilitates convenient cleaning and maintenance.

Material and sizes

Manufactured of galvanized steel and coated with white (RAL 9003) polyester powder coating. Other colors from the RAL chart are available upon request.

Round duct connection with rubber gasket.

Nominal size	Ød	ØA	B	E	Weight (kg)
100	99,3	350	240	36	2,5
125	124,3	350	240	38	3,0
160	159,3	400	275	41	4,5
200	199,3	450	305	31	7,2
250	249,3	500	395	56	11,0
315	314,3	600	487	56	12,0

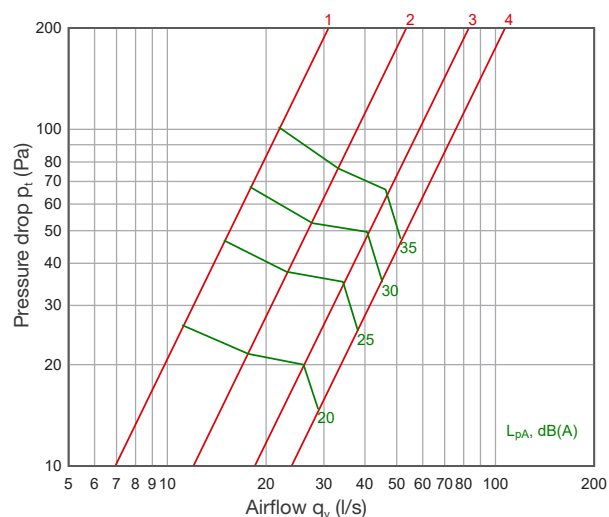


Technical data

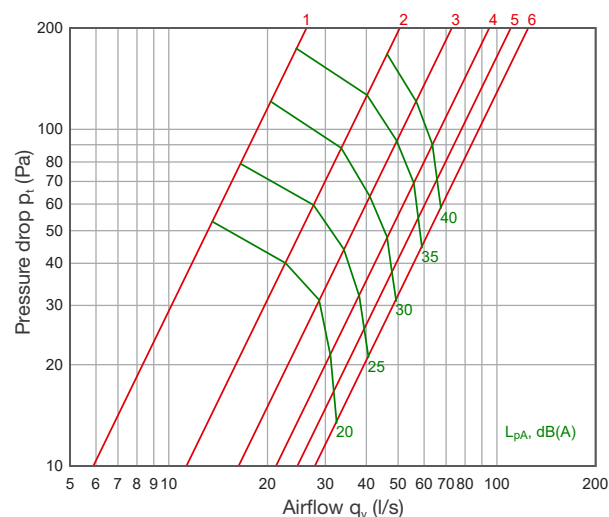
Airflow - pressure drop - sound level

Supply air

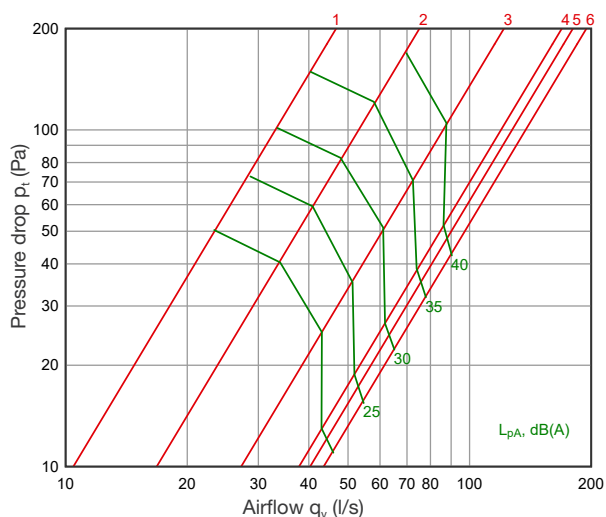
DEN 100



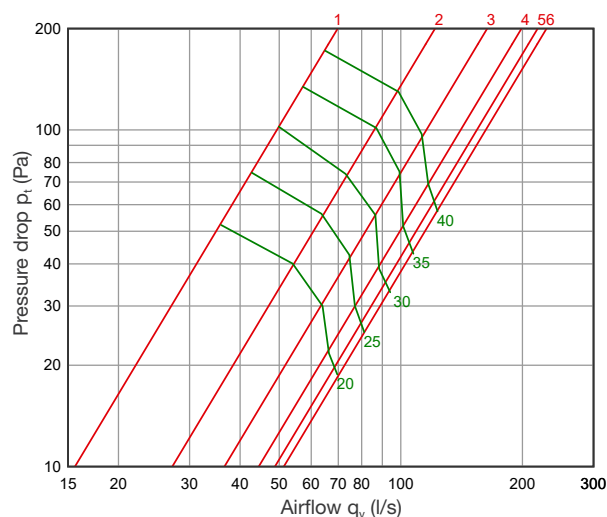
DEN 125



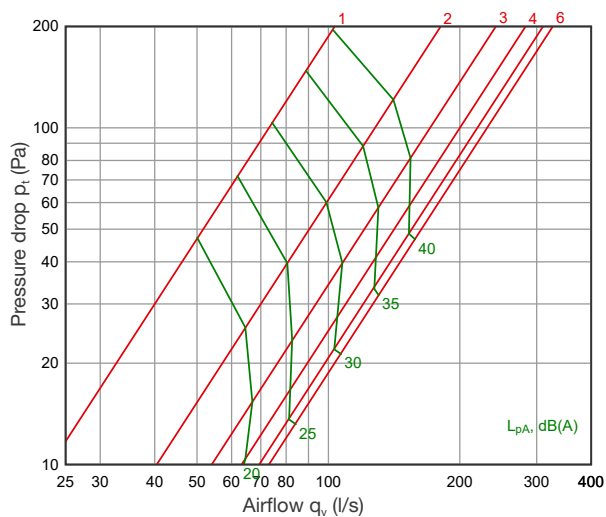
DEN 160



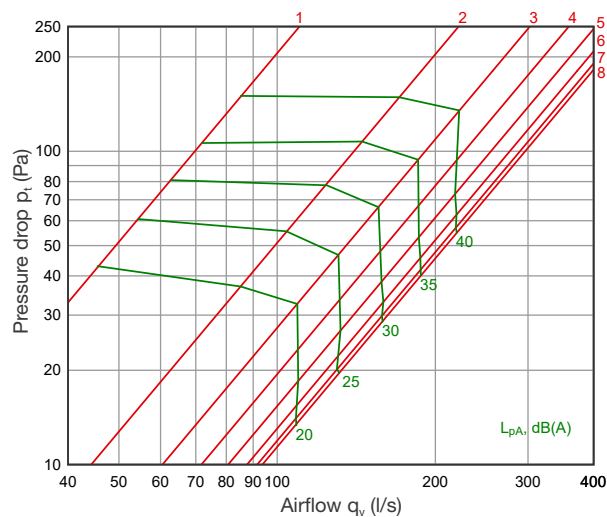
DEN 200



DEN 250

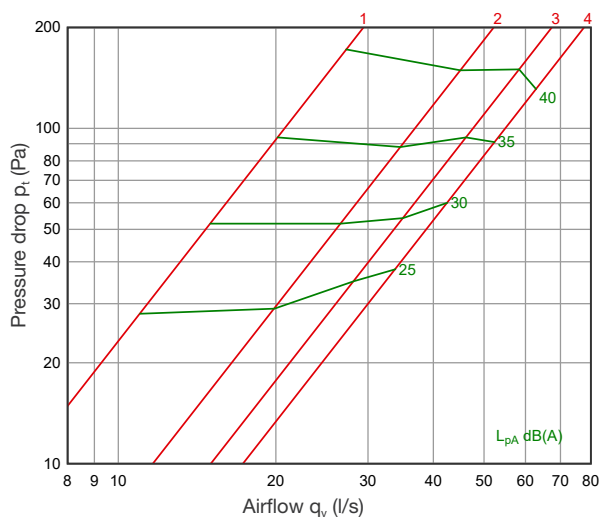


DEN 315

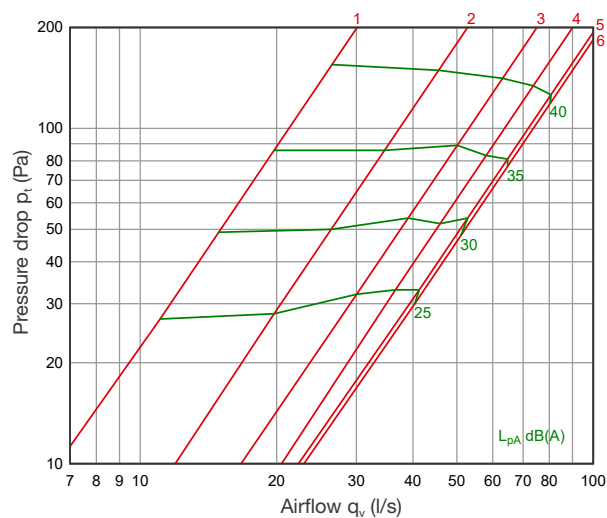


Exhaust air

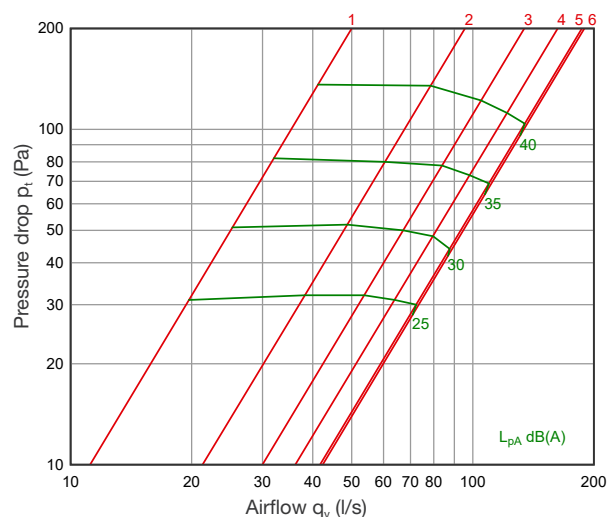
DEN 100



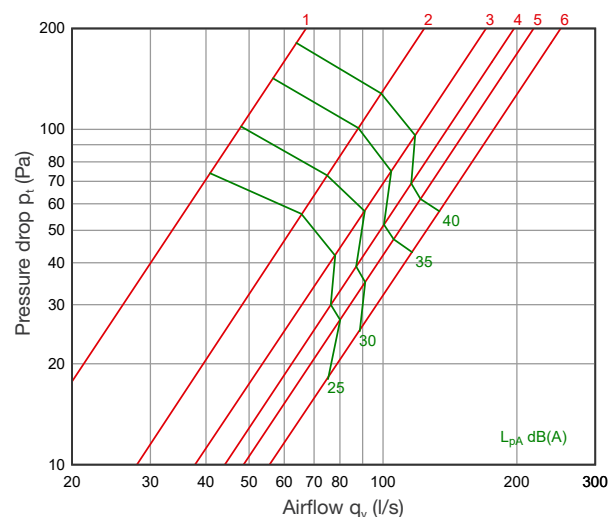
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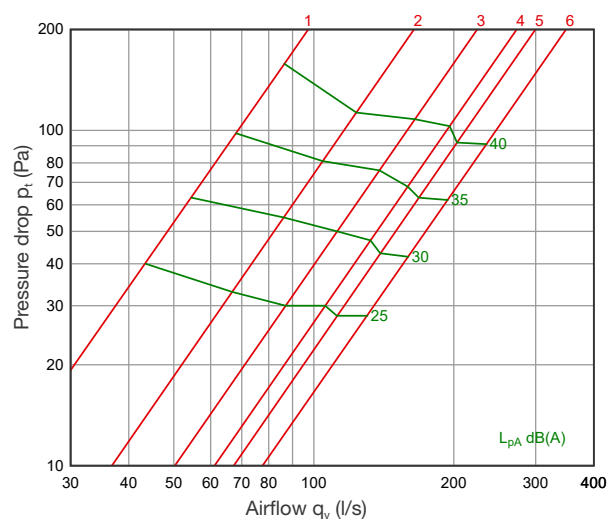
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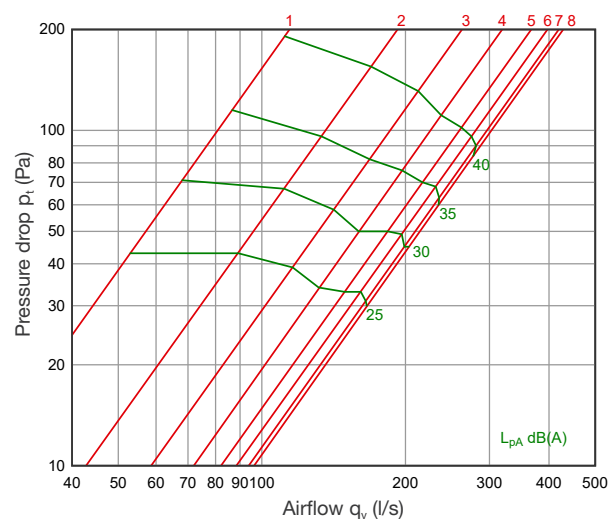
DEN 200



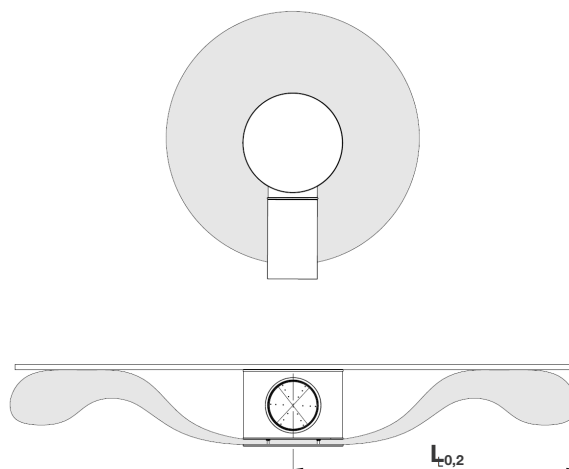
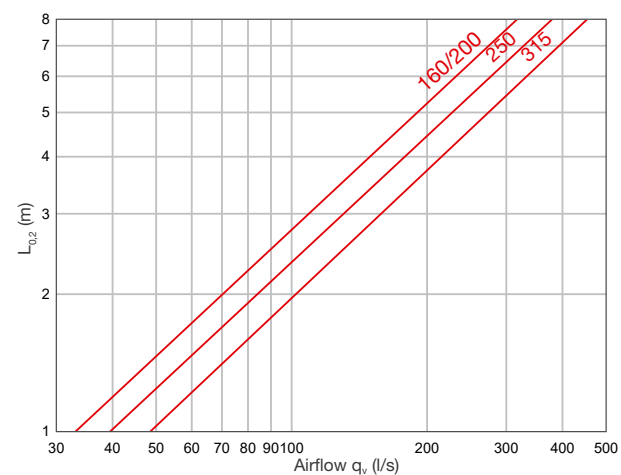
DEN 250



DEN 315



Throw



K-factor

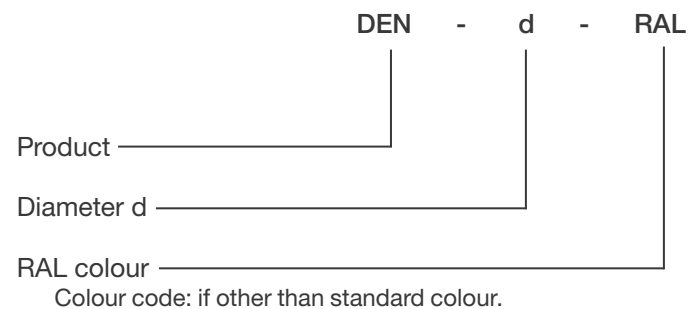
Supply air

Nominal size	Position							
	1	2	3	4	5	6	7	8
DEN 100	2,2	3,7	5,4	6,7				
DEN 125	1,85	3,65	5,35	7,25	8,60	9,80		
DEN 160	3,3	5,6	9,1	13	14,7	17		
DEN 200	5,2	10	15,1	21,3	26,1	29,3		
DEN 250	8,7	16,6	24,2	33,7	40,6	43,5		
DEN 315	7,8	18	27,9	36,1	47,5	56,5	86,4	91,3

Exhaust air

Nominal size	Position							
	1	2	3	4	5	6	7	8
DEN 100	2,1	3,8	5,6	7,1				
DEN 125	2,2	3,9	5,8	7,6	9,0	12,5		
DEN 160	3,5	7,1	10,9	14,7	19,7	23,3		
DEN 200	4,8	9,8	15,6	20,9	25,5	29,8		
DEN 250	7,6	13,3	20,0	27,7	33,8	39,4		
DEN 315	8,8	15,8	22,6	29,5	37,4	47,7	61,1	77,1

Product codes



Example: DEN 200
 DEN 200 RAL9006