

- Door grilles
- Aluminium
- Anodized natural color
- With counterframe



Aluminium door or transfer grilles type DRR

Aluminium door or transfer grilles for placement in doors and walls from 30 upto 54 mm.

Grille with free area of 39%

Application

- For air distribution between 2 rooms

Material

- Aluminium

Colour

- Anodized natural finish

Composition

- Fixed non-vision V-shaped blades
- Counterframe

Mounting

- Visible screw mounting with counterframe

Text for tender

- The air transfer grilles are of the non-vision type and are made out of aluminium.
- Anodised natural finish
- **ATC Type DRR**

Order example

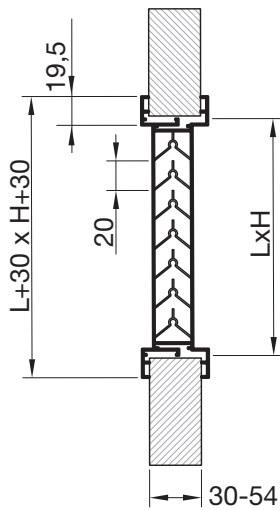
- **DRR, 600, 200**

Explanation

DRR = Grille type

600 = Length (see table)

200 = Height (see table)



Quick selection

Qv	L x H	200x100	300x100	400x100	500x100	600x100 300x200	400x200	500x200	600x200 400x300	500x300	600x300	600x400	
20	Aeff	0.0078	0.0117	0.0156	0.0195	0.0234	0.0312	0.0390	0.0468	0.0585	0.0702	0.0936	
	veff	0.71											
	Ps	1.60											
	Lw	-											
40	veff	1.42	0.95										
	Ps	6.30	2.80										
	Lw	7	-										
	veff	2.14	1.42	1.07									
60	Ps	14.10	6.30	3.60									
	Lw	19	9	1									
	veff	2.85	1.90	1.42	1.14								
	Ps	25	11.10	6.30	4								
80	Lw	28	18	10	4								
	veff	3.56	2.37	1.78	1.42	1.19	0.89						
	Ps	39.10	17.40	9.80	6.30	4.30	2.40						
	Lw	35	24	17	11	6	-						
100	veff		3.56	2.67	2.14	1.78	1.34	1.07					
	Ps		39.10	22	14.10	9.80	5.50	3.50					
	Lw		37	29	23	19	11	5					
	veff			3.56	2.85	2.37	1.78	1.42	1.19				
150	Ps			39.10	25	17.40	9.80	6.50	4.30				
	Lw			38	32	27	20	14	9				
	veff				3.56	2.97	2.23	1.78	1.48	1.19			
	Ps				39.10	27.20	15.30	9.80	6.80	4.30			
200	Lw				39	27	21	16	10				
	veff					3.56	2.67	2.14	1.78	1.42	1.19		
	Ps					39.10	22	14.10	9.80	6.30	4.50		
	Lw					40	32	26	22	16	11		
300	veff						3.12	2.49	2.08	1.66	1.38	1.04	
	Ps						30	19.20	13.30	8.50	5.90	3.30	
	Lw						37	31	26	20	16	8	
	veff							3.56	2.85	2.37	1.90	1.58	
350	Ps						39.10	25	17.40	11.10	7.70	4.30	
	Lw						41	35	30	25	20	12	
	veff								3.21	2.67	2.14	1.78	
	Ps								31.70	22	14.10	9.80	
400	Lw								39	34	28	23	
	veff									3.56	2.97	2.37	
	Ps									39.10	27.20	17.40	
	Lw									42	37	31	
450	veff										3.56	2.85	
	Ps										39.10	25	
	Lw										43	37	
	veff											3.32	
500	Ps										34.10	23.70	
	Lw										42	37	
	veff											3.80	
	Ps											44.50	
600	Lw											46	
	veff												3.56
	Ps												39.10
	Lw												44
700	veff												3.56
	Ps												39.10
	Lw												44
	veff												
800	Ps												27.20
	Lw												40

Selection table

DRR	Qv (2Pa) [m ³ /h]	Qv (10Pa) [m ³ /h]
200 X 100	22	50
300 X 100	33	75
300 X 200	67	151
400 X 100	45	101
400 X 200	90	202
400 X 300	135	303
500 X 100	56	126
500 X 200	113	252
500 X 300	169	379
600 X 100	67	151
600 X 200	135	303
600 X 300	203	455
600 X 400	271	606

Symbols and specifications

- Ps = Static pressure loss in Pa
- Qv = Air Volume in m³/h
- L x H = Hole in wall or door in mm
- v_{eff} = Effective air velocity through the grille in m/s
- A_{eff} = Effective area in m²
- L_w = Acoustic power in dB(A)