

Transfer grille for standard door

TR



Specifications

Transfer grille for standard doors, with fixed nonvision blades (form Λ).
Composed from a grille and a counterframe, for both sides of the doors.

For standard doors with thickness between **28 ~ 55 mm**.

Used for air transfer between two rooms.

Material

Aluminium.

Finish

Standard finish: anodized aluminium.

Optional finishing: different RAL (extra cost).

Mounting / Fixing

Mounting in doors.

Fixing with visible screws (countersunk hole in frame).

Fixing without screws with industrial contact adhesives**.

Optional accessories

Wire mesh on grille counterframe - **PS** (extra cost)

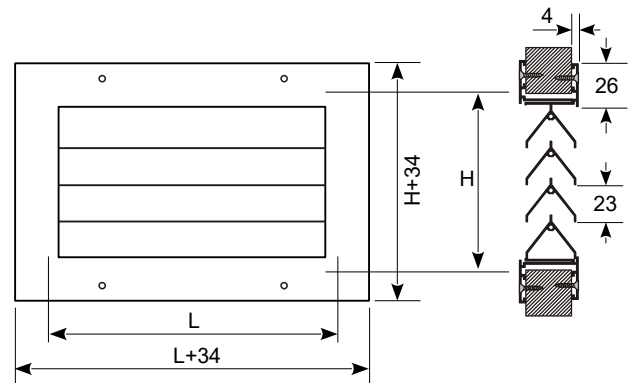
Order code: **TR** **aaa x bbb** **++**

Product code	_____
opening length L (mm)	_____
opening height H (mm)	_____
ALU - anodised aluminium (standard)	_____
RALxxx - optional RAL code	_____
not specified - visible screw fixing (standard)	_____
FG - without holes in frame**	_____

* optional accessories

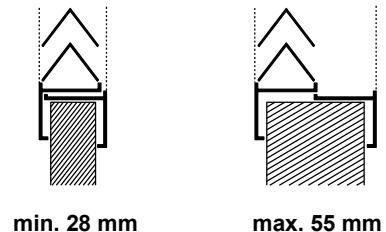
** adhesive not included

Technical data



LxH - opening hole size

Door thickness (minimum ~ maximum)



min. 28 mm

max. 55 mm

Standard sizes

LxH	Q (m³/h) @ Vef 1,25 (m/s)	Q (m³/h) @ Vef 2,5 (m/s)
300x100	70	145
400x100	95	190
500x100	120	245
600x100	150	300
300x150	115	225
400x150	150	300
500x150	175	350
600x150	255	515
400x200	195	390
500x200	250	500
600x200	305	610
500x300	390	775
600x300	415	830
600x400	695	1390

Custom sizes

Custom sizes available (under certain commercial conditions),
between:

opening length L: 100~600 mm

opening height H: 100~2000 mm

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Selection table

Q (m³/h)	LxH (mm)	A _{ef} (m²)	200x100	300x100	400x100	500x100	300x150	600x100	400x150	500x150	400x200	600x150	500x200	400x250	600x200	500x250	400x300	600x250	500x300	600x300	500x400	600x400
			0,010	0,016	0,021	0,026	0,033	0,039	0,043	0,056	0,067	0,086	0,092	0,122	0,154							
50	Lw(dB(A)) ΔP _t (Pa)		27 6	17 3																		
70	Lw(dB(A)) ΔP _t (Pa)		34 12	26 6	20 4																	
100	Lw(dB(A)) ΔP _t (Pa)			35 13	29 8	20 4	- 3															
150	Lw(dB(A)) ΔP _t (Pa)				39 18	30 9	27 7	22 5	20 4													
200	Lw(dB(A)) ΔP _t (Pa)					38 17	34 13	29 9	28 7	21 4												
250	Lw(dB(A)) ΔP _t (Pa)						39 18	34 13	32 10	27 7	21 4											
300	Lw(dB(A)) ΔP _t (Pa)							38 17	37 15	29 8	27 7	19 4	- 3									
350	Lw(dB(A)) ΔP _t (Pa)								42 22	35 13	29 8	24 6	22 5									
400	Lw(dB(A)) ΔP _t (Pa)									40 18	36 14	29 8	27 7	19 4								
500	Lw(dB(A)) ΔP _t (Pa)											43 25	35 13	32 10	26 6	- 3						
600	Lw(dB(A)) ΔP _t (Pa)												39 19	37 15	29 8	21 4						
700	Lw(dB(A)) ΔP _t (Pa)													42 20	33 12	27 7						
800	Lw(dB(A)) ΔP _t (Pa)															36 14	29 8					
900	Lw(dB(A)) ΔP _t (Pa)															40 19	31 9					
1000	Lw(dB(A)) ΔP _t (Pa)																34 13					
1200	Lw(dB(A)) ΔP _t (Pa)																39 18					

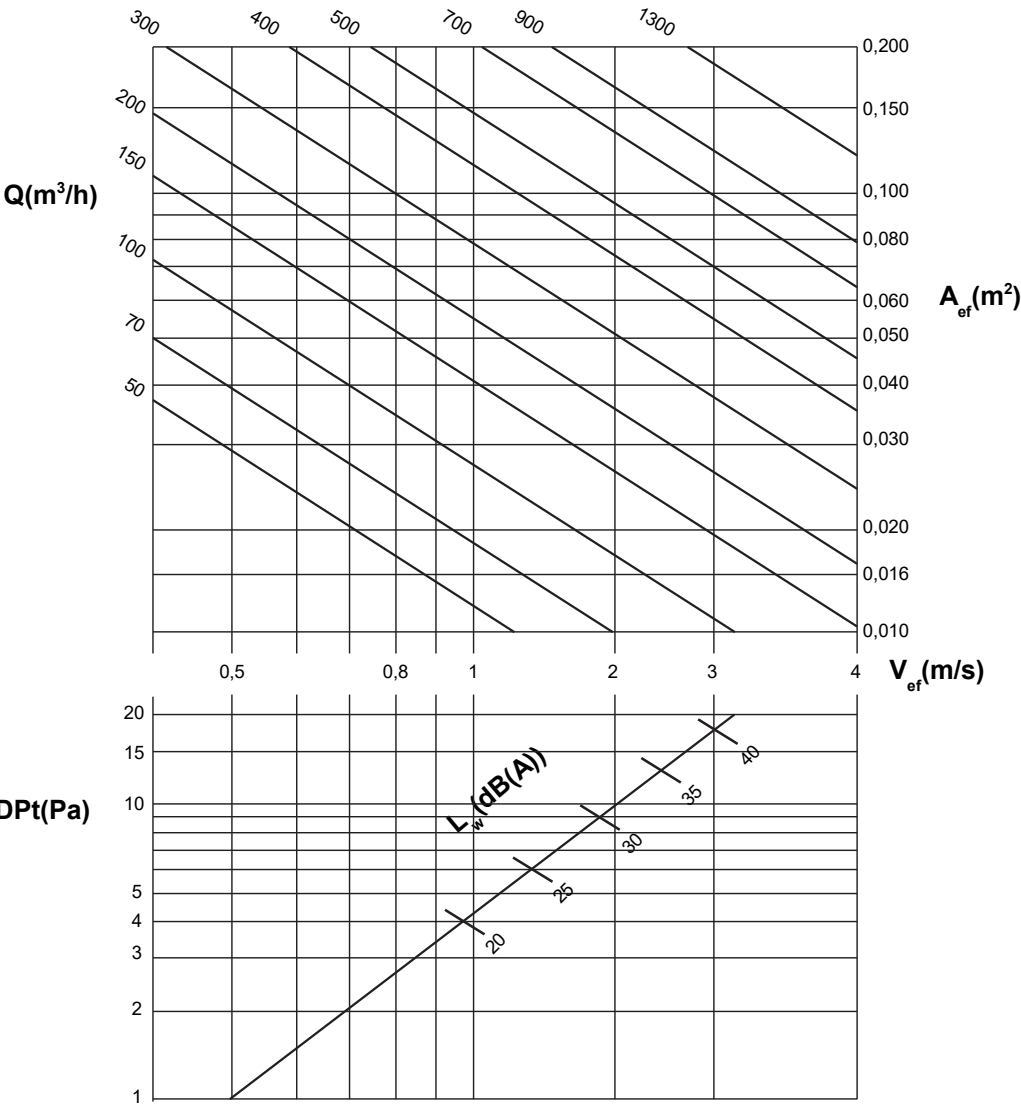
• Lw(dB(A)) incl. room attenuation 5dB(A)

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Technical data

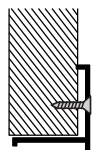
		$A_{ef} \text{ (m}^2\text{)}$							
$H \text{ (mm)}$	600	-	-	-	-	-	-	0,216	0,285
	500	-	-	-	-	-	0,149	0,178	0,238
	450	-	-	-	-	-	0,135	0,162	0,216
	400	-	-	-	-	0,096	0,122	0,154	0,194
	350	-	-	-	0,068	0,084	0,105	0,126	0,168
	300	-	-	0,049	0,056	0,065	0,086	0,092	0,121
	250	-	0,030	0,041	0,047	0,056	0,068	0,086	0,112
	200	0,020	0,024	0,029	0,036	0,043	0,056	0,068	0,086
	150	0,014	0,017	0,025	0,029	0,033	0,039	0,057	0,066
	100	0,010	0,013	0,016	0,019	0,021	0,027	0,033	0,043
		200	250	300	350	400	500	600	800
$L \text{ (mm)}$									



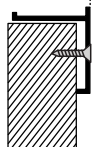
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Mounting

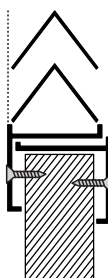


1. Mount the counterframe in opening hole.

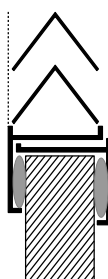


2. Mount the grille on opposed door side.
The grille should enter inside previously mounted counterframe.

Fixing



Visible screw fixing (**standard**)



Fixing with industrial contact adhesive.
(Not supplied. Should be purchased by installer)