



Serie PM

DOOR/GATE GRILLES



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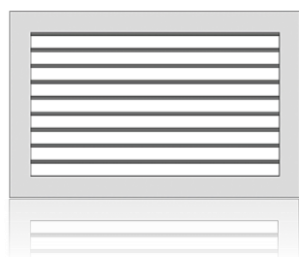


Avd. del Cno de lo Cortao, 28A, Nave 1
28703 San Sebastián de los Reyes, Madrid.

DOOR/GATE GRILLES SERIE PM



MODELS

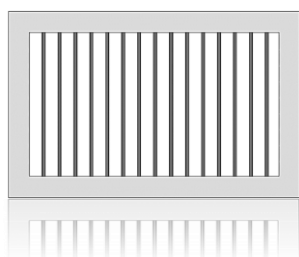
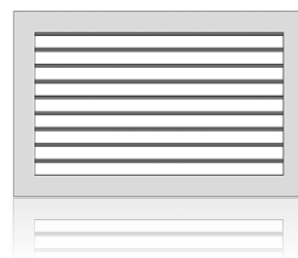


P10M

Pass-through door/gate grille with thicknesses between 30 and 50 mm, with 28 mm perimeter frame and "V" blades to prevent vision through them. Horizontal blades

P10MXL

Pass-through door/gate grille with thicknesses between 44 and 67 mm, with 28 mm perimeter frame and "V" blades to prevent vision through them. Horizontal blades

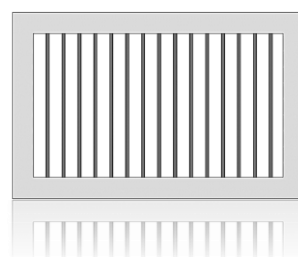


P11M

Pass-through door/gate grille with thicknesses between 30 and 50 mm, with 28 mm perimeter frame and "V" blades to prevent vision through them. Vertical blades

P11MXL

Pass-through door/gate grille with thicknesses between 44 and 67 mm, with 28 mm perimeter frame and "V" blades to prevent vision through them. Vertical blades



DESCRIPTION

Our **P** Series door/gate grilles are designed to be installed in doorways or partitions. They are suitable for ventilation, heating and cooling installations. Especially recommended for installations with non ducted return, in this case they should be installed in the doors that separate the rooms to promote proper air recirculation.

Manufactured in extruded aluminum with a "**V**" blade to prevent vision through them. They also incorporate a counter frame to finish off the installation on both sides of the door, thus ensuring that the door has an adequate aesthetic appearance on both sides.

They adapt to doors, partitions or panels with a thickness of 30 to 67 mm depending on the model.

Their standard manufacture is without holes, to be fixed to doors or partitions with universal adhesive (not provided by us). On request, they can be manufactured with countersunk holes in the perimeter profiles for installation with screws.

They can be manufactured in anodized aluminum or lacquered in any color of the RAL chart.

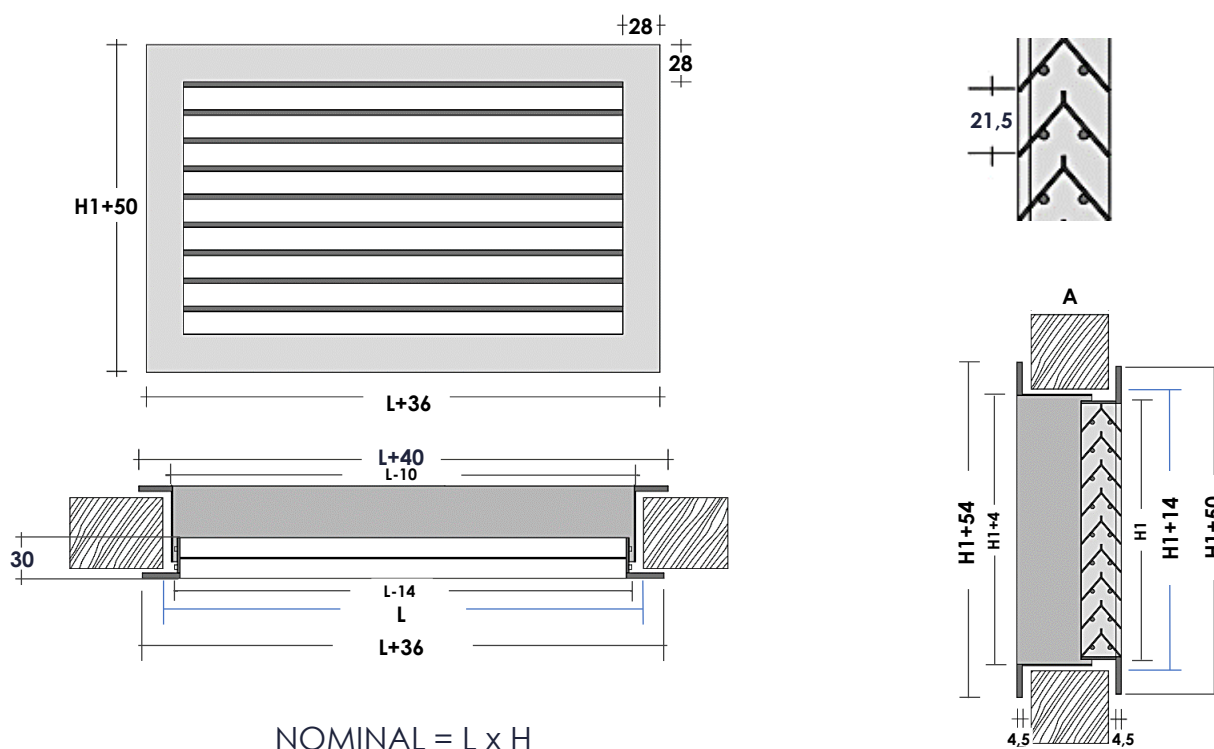


DOOR/GATE GRILLES SERIE PM

FINISH

- Grille made of **ANODIZED ALUMINUM**.
- Grille made of **WHITE LACQUERED** aluminum (**RAL 9016**).
- On request, it can be manufactured in lacquered aluminum according to the **RAL** color chart.

DIMENSIONS



		Nominal Height		Neck Height	
		H	H ₁	H	H ₁
P10M	min=30	100	89	500	497
	max=50	150	132	600	583
P11M	min=30	200	196	700	691
	max=50	250	239	800	777
P10MXL	min=44	300	282	900	884
	max=67	350	346	1000	992
P11MXL	min=44	400	390		
	max=67				

FIXING SYSTEM

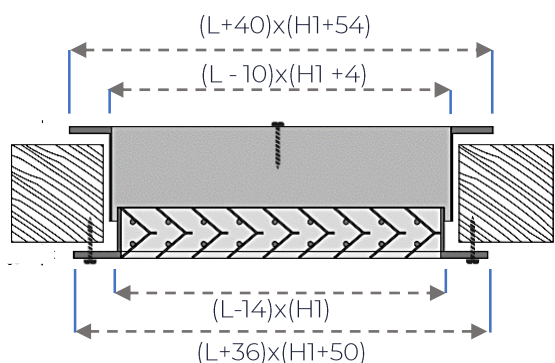
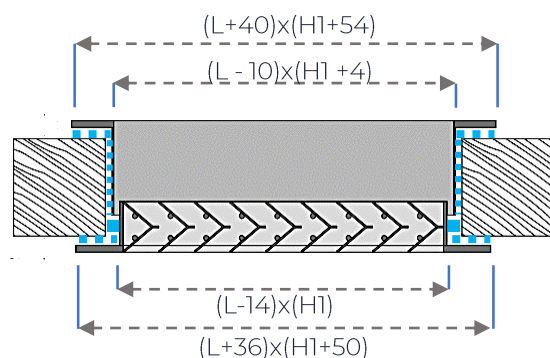
FIXING BY ADHESIVE (standard)

The grille can be fixed to doors or partitions with universal adhesive (not provided by us).

NOMINAL = **L x H**

HOLE MEASURE = **(L) x (H1+14)**

See table for **H1 value



FIXING BY SCREWS

On request, they can be manufactured with countersunk holes in the perimeter profiles for installation with screws (not supplied by us).

NOMINAL = **L x H**

HOLE MEASURE = **(L) x (H1+14)**

** See table for **H1** value

EFFECTIVE SECTION (m²)

MOD. P10M – P10MXL – P11M – P11MXL

L H	100	150	200	250	300	350	400	500	600	700	800	900	1.000
100	0.003	0.004	0.006	0.007	0.009	0.010	0.012	0.015	0.018	0.021	0.024	0.027	0.030
150		0.007	0.009	0.012	0.014	0.017	0.019	0.024	0.029	0.034	0.039	0.044	0.049
200			0.015	0.019	0.023	0.027	0.031	0.039	0.047	0.055	0.063	0.071	0.079
250				0.024	0.029	0.034	0.039	0.049	0.059	0.069	0.079	0.089	0.099
300					0.034	0.040	0.046	0.058	0.070	0.082	0.094	0.106	0.118
350						0.050	0.058	0.073	0.088	0.103	0.118	0.133	0.148
400							0.066	0.083	0.100	0.117	0.134	0.151	0.168
500								0.107	0.129	0.151	0.173	0.195	0.217

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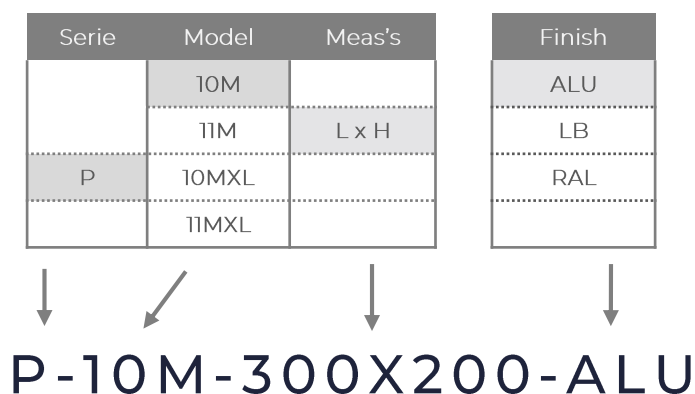
QUICK SELECTION TABLE

HEIGHT		LENGTH																	
500																	600	650	700
400											400	500					800	850	900
350											350	450	550	600			900	1000	
300											350	450	550	700	750				
250											250	300	400	500	650	800	900		
200				200	250						300	400	500	650	800	1000			
150		200	250	300	400	450	500	600	800	1000									
100		300	400	500	600	700	800	1000											
m³/h																			
50	V dB(A) Δ P	1,543 <34,25 <0,43	1,157 <24,06 0,26	0,925 <20 <0,2	0,771 <20 <0,2	0,631 <20 <0,2	0,578 <20 <0,2	0,462 <20 <0,2											
75	V dB(A) Δ P		1,736 38,98 0,529	1,388 30,44 0,35	1,157 24,06 0,257	0,946 <20 <0,2	0,868 <20 <0,2	0,677 <20 <0,2	0,508 <20 <0,2	0,408 <20 <0,2									
100	V dB(A) Δ P			1,851 >40 >0,55	1,543 34,25 0,42	1,262 26,80 0,29	1,157 24,06 0,284	0,925 <20 <0,2	0,677 <20 <0,2	0,544 <20 <0,2	0,420 <20 <0,2								
125	V dB(A) Δ P			2,314 >40 >0,55	1,929 >40 >0,55	1,578 34,81 0,44	1,446 32,02 0,387	1,157 24,06 0,284	0,846 <20 <0,2	0,680 <20 <0,2	0,526 <20 <0,2	0,418 <20 <0,2							
150	V dB(A) Δ P			2,777 >40 >0,55	2,314 >40 >0,55	1,893 >40 >0,55	1,736 38,98 0,528	1,388 30,44 0,35	1,016 <20 <0,2	0,816 <20 <0,2	0,631 <20 <0,2	0,502 <20 <0,2	0,418 <20 <0,2						
175	V dB(A) Δ P				2,700 >40 >0,55	2,314 >40 >0,55	2,025 >40 >0,55	1,620 36 0,466	1,185 24,84 0,268	0,953 <20 <0,2	0,736 <20 <0,2	0,585 <20 <0,2	0,528 <20 <0,2						
200	V dB(A) Δ P					2,525 >40 >0,55	2,314 >40 >0,55	1,851 >40 >0,55	1,355 29,53 0,219	1,089 22,19 0,220	0,841 <20 <0,2	0,669 <20 <0,2	0,603 <20 <0,2	0,411 <20 <0,2					
300	V dB(A) Δ P							2,777 >40 >0,55	2,032 >40 >0,55	1,633 36 0,466	1,262 26,8 0,296	1,004 20 0,2	0,905 <20 <0,2	0,617 <20 <0,2	0,566 <20 <0,2	0,527 <20 <0,2	0,490 <20 <0,2		
400	V dB(A) Δ P								2,710 >40 >0,55	2,178 >40 >0,55	1,683 38 0,50	1,338 28,98 0,326	1,207 25,31 0,274	0,823 <20 <0,2	0,755 <20 <0,2	0,703 <20 <0,2	0,653 <20 <0,2	0,487 <20 <0,2	
500	V dB(A) Δ P									2,723 >40 >0,55	2,104 >40 >0,55	1,673 37 0,48	1,509 33,59 0,415	1,028 20,63 0,213	0,944 <20 <0,2	0,879 <20 <0,2	0,816 <20 <0,2	0,609 <20 <0,2	
700	V dB(A) Δ P	V = Velocity m/s											2,342 >40 >0,55	2,113 >40 >0,55	1,44 31,86 0,38	1,322 28,52 0,319	1,230 26,02 0,352	1,143 23,67 0,252	0,852 <20 <0,2
900	V dB(A) Δ P	dB(A) = Noise level														2,263 >40 >0,55	2,078 >40 >0,55	1,933 >40 >0,55	1,797 39,95 0,54
1.300	V dB(A) Δ P	ΔP = Pressure drop mm.ca														2,674 >40 >0,55	2,456 >40 >0,55	2,285 >40 >0,55	2,124 >40 >0,55
																		1,583 35,09 0,464	

DOOR/GATE GRILLES

SERIE PM

GRAPHIC DESCRIPTION



SERIE

- P: door/gate grille.

MEASUREMENT (mm)

- LxH: 300 x 200 mm.

MODEL

- P10M: Door/gate grille with 28mm frame and perimeter trim with horizontal "V" blades.

FINISH

- Alu: Anodized aluminum.

Order example: P10M 300x200 ALU

- To order a door/gate grille, 300x200mm with 28mm frame and perimeter trim with horizontal "V" blades, made in anodized aluminum, you should request:

Order	Description
1 Grille P10M 300x200 - anodized aluminum	door/gate grille, 300x200mm with 28mm frame and perimeter trim with horizontal "V" blades, made in anodized aluminum.

Order example: P11M 400x200 LB

- To order a door/gate grille, 400x200mm with 28mm frame and perimeter trim with vertical "V" blades, white lacquered, you should request:

Order	Description
1 Grille P11M 400x200 - white lacquered	door/gate grille, 400x200mm with 28mm frame and perimeter trim with vertical "V" blades, white lacquered.



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