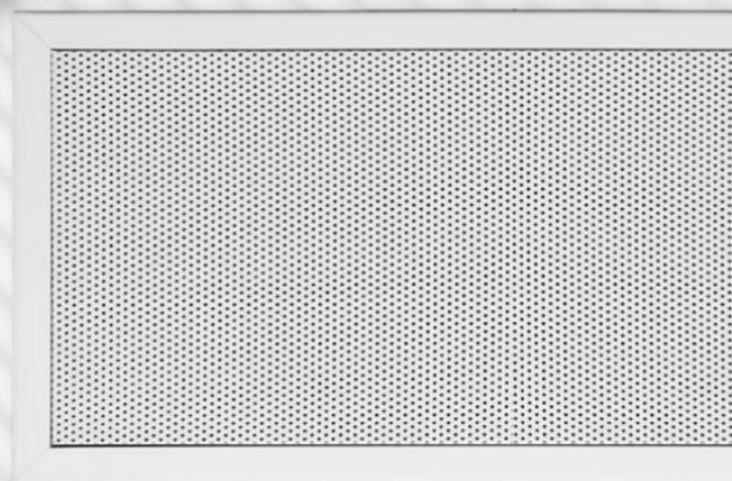




Serie **MICROPER22**



MICRO-PERFORATED GRILLE



(+34) 91 3235805
(+34) 91 3235703



www.difair.es

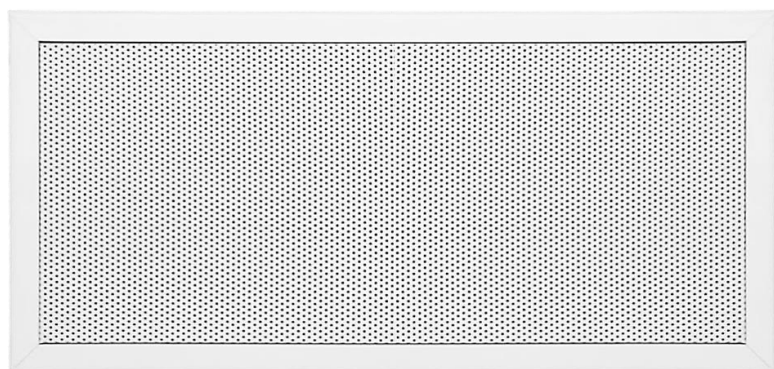


info@difair.es

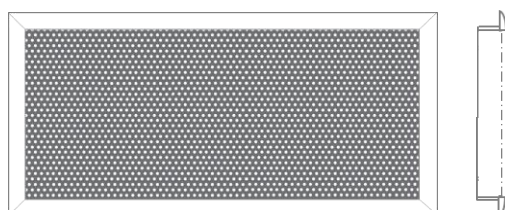


Avd. del Cno de lo Cortao, 28A, Nave 1
28703 San Sebastián de los Reyes, Madrid.

MICRO-PERFORATED GRILLE SERIE MICROPER22



MODELS



MICROPER22

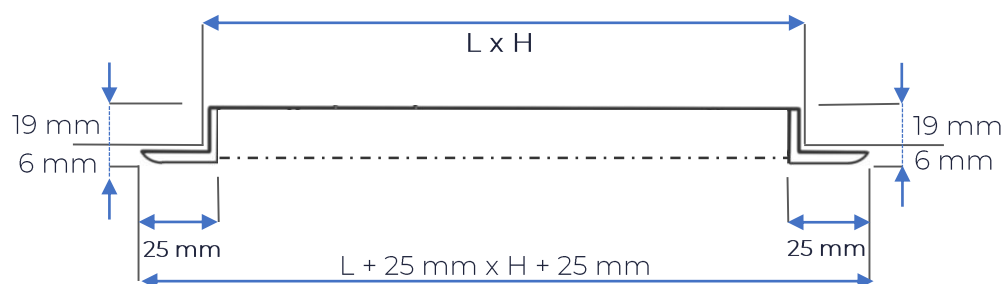
Micro-perforated grille.

DESCRIPTION

Return grille formed by a perimeter frame of lacquered aluminum and white lacquered micro-perforated steel sheet. It has an effective air flow rate of 22.75%. It is fixed by means of hidden fastening or with drilled holes.

MICRO-PERFORATED GRILLE SERIE MICROPER22

DIMENSIONS



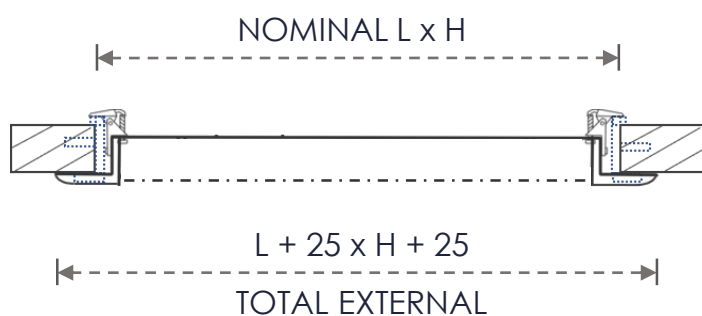
$L \times H \rightarrow$ Nominal Dimension = Hole Dimension

L x H dimensions can be supplied in a maximum of 1200 x 1000 and a minimum of 200 x 100.

FIXING SYSTEM

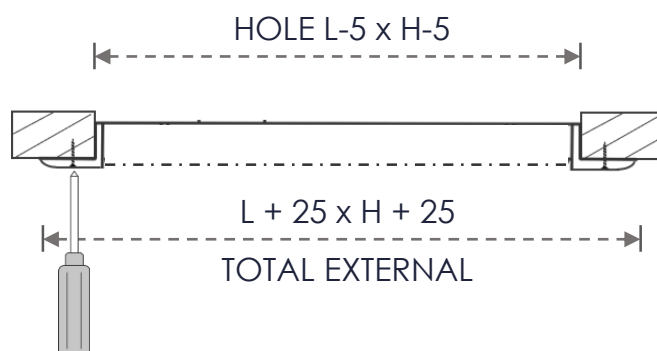
GRILLE MOUNTING WITH CONCEALED FIXING

This type of fixing is the standard system for this series. The screw of the clamping claw is driven with a screwdriver and the tongue is pressed against the mounting frame, thus holding the grille securely in place. To remove the grille, simply open the grille to loosen the screw and the steel spring returns the claw to its horizontal position. The steel sheet will have as many holes ($\varnothing$ 8mm) as claws required by the grille according to its size, to be able to access the grille screw.



SCREW FIXING

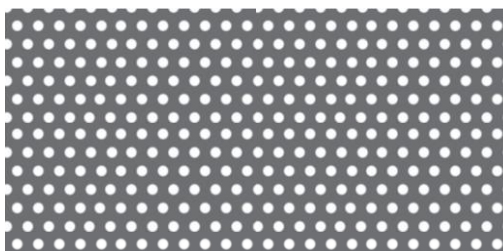
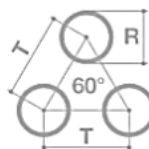
The grille is supplied with countersunk holes. Screws not included.



MICRO-PERFORATED GRILLE SERIE MICROPER22

EFFECTIVE SECTION (m²)

R 2,5
T 5



ALTERNATE ROUND HOLES AT 60° - DRILLING COEFFICIENT 22,75%

Ø HOLE	DISTANCE BETWEEN CENTERS	DRILLING	PROVISION GRADES	SHEET THICKNESS
Ø 2,5 mm	5 mm	22,75%	Triplet 60°	0,8 mm.

MOD. MICROPER22

L H	200	250	300	350	400	450	500	600	700	800	900	1.000
100	0.00299	0.00384	0.00469	0.00555	0.00640	0.00725	0.00810	0.00981	0.01152	0.01322	0.01493	0.01664
150	0.00498	0.00640	0.00782	0.00924	0.01066	0.01209	0.01351	0.01635	0.01920	0.02204	0.02488	0.02773
200	0.00697	0.00896	0.01095	0.01294	0.01493	0.01692	0.01891	0.02289	0.02687	0.03085	0.03484	0.03882
250		0.01152	0.01408	0.01664	0.01920	0.02175	0.02431	0.02943	0.03455	0.03967	0.04479	0.04991
300			0.01720	0.02033	0.02346	0.02659	0.02972	0.03597	0.04223	0.04849	0.05474	0.06100
350				0.02403	0.02773	0.03142	0.03512	0.04251	0.04991	0.05730	0.06470	0.07209
400					0.03199	0.03626	0.04052	0.04905	0.05759	0.06612	0.07465	0.08318
500							0.05133	0.06214	0.07294	0.08375	0.09455	0.10536

Efective área (m²) = [(L-25) x (H-25)] x 22,75%

$$DP = Pd \times C$$

$$Pd = 1,2 \times V^2 / 1,6$$

DP = Pressure drop (Pa) **Pd** = Dynamic pressure
V = Velocity in section L X H
C = Perforated sheet coefficient (22,75%) = 8,6



Any element of this document may be subject to change without notice from Manufacturas Difair-Clima, S.L. CONTAINS INTELLECTUAL PROPERTY. Any partial or total reproduction of the contents without the express authorization of Manufacturas DIFAIR-CLIMA, S.L. is prohibited.

The information contained in this document is based on careful testing and experience. It reflects our knowledge and is for guidance purposes only. It is provided in good faith and the user should satisfy himself that the product is fit for use prior to any application. The values quoted are averages and should not be taken as maximum or minimum values for specific purposes. The manufacturer and distributor are not responsible for any non-recommended use or consequential damage.

THE INFORMATION PROVIDED IN THIS DOCUMENT SUPERSEDES ALL PREVIOUS VERSIONS OF THIS DOCUMENT.



(+34) 91 3235805
(+34) 91 3235703



www.difair.es



info@difair.es



Manufacturas Difair-Clima, S.L.
Avd. del Cno de lo Cortao, 28A, Nave 1
28703 San Sebastián de los Reyes, Madrid.