Difair

Serie MTB



MULTINOZZLE

(+34) 91 3235805
(+34) 91 3235703
www.difair.es
info@difair.es
Avd. Cno. de lo Cortao, 28A, Nave 1
28703 San Sebastián de los Reyes, Madrid.



DESCRIPTION

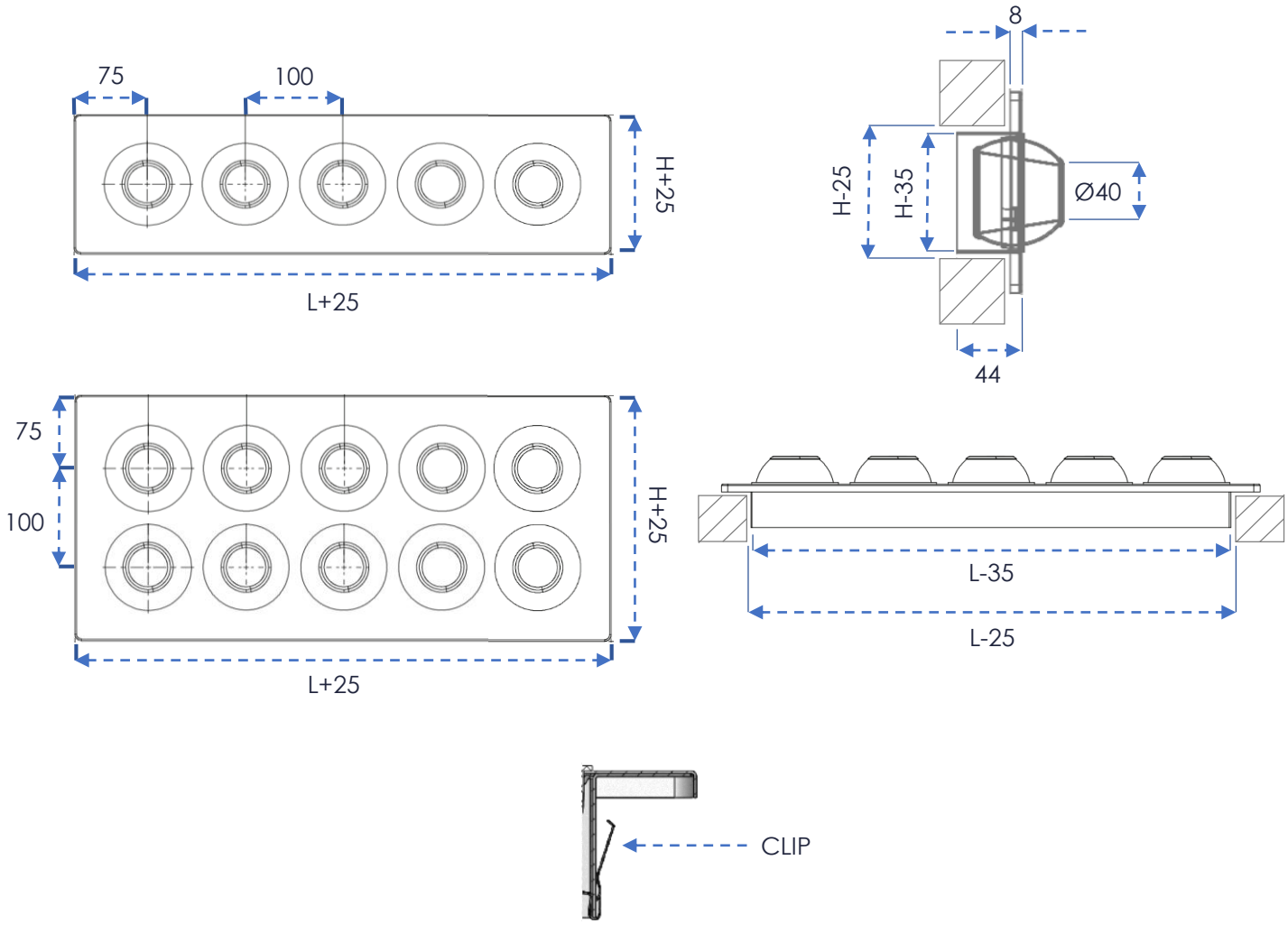
The air-conditioning of multi-purpose halls places high demands on the air flow rate and the temperature difference between the ambient air in the hall and the supply air. Whether for cultural venues or sporting events, the requirements for the air flow rate and the temperature difference between the room ambient air and the supply air vary accordingly.

To meet all these requirements, the MTB model long-range multi-nozzle unit has been designed. The studied and elaborated design of the grille allows a high air outlet velocity with low sound levels. Thanks to the high outlet velocities, a high air penetration into the room to be air-conditioned is achieved. This ensures ventilation of all areas of the room, not only in the vicinity of the supply air grille.

Another advantage of the long-range multi-nozzle unit lies in the fact that the air vein is broken down into a large number of individual air veins, resulting in a high induction rate. The temperatures and velocities of the individual air veins decrease rapidly, so that the air stream does not descend rapidly towards the occupied zone in cooling mode, nor does it rush towards the ceiling in heating mode.

The long-range multi-nozzle model MTB, with individually manually adjustable nozzles, allows a divergent air vein (turning radius 30°).

DIMENSIONS



MTB DIMENSIONS TABLE

MTB	N° of nozzles per row		3	4	5	6	7	8	9	10	11	12
No. of nozzle rows	Nominal Meas's	L	325	425	525	625	725	825	925	1025	1125	1225
	H	Hole Meas's	300	400	500	600	700	800	900	1000	1100	1200
1	125	100	3 Nozzles	4 Nozzles	5 Nozzles	6 Nozzles	7 Nozzles	8 Nozzles	9 Nozzles	10 Nozzles	11 Nozzles	12 Nozzles
2	225	200	6 Nozzles	8 Nozzles	10 Nozzles	12 Nozzles	14 Nozzles	16 Nozzles	18 Nozzles	20 Nozzles	22 Nozzles	24 Nozzles
3	325	300	9 Nozzles	12 Nozzles	15 Nozzles	18 Nozzles	21 Nozzles	24 Nozzles	27 Nozzles	30 Nozzles	33 Nozzles	36 Nozzles

ACCESSORIES

- **PLENUM BOX**(see technical data sheet **PLENUM SERIES**).

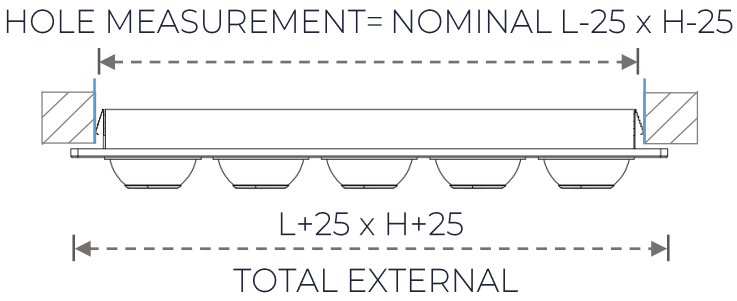
FINISH

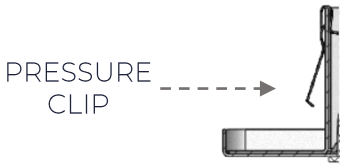
- Nozzle made in **WHITE LACQUERED** aluminum **(RAL 9016).**
- On request, it can be manufactured in lacquered aluminum according to the **RAL** color chart.

FIXING SYSTEM

FIXING BY MEANS OF PRESSURE CLIPS

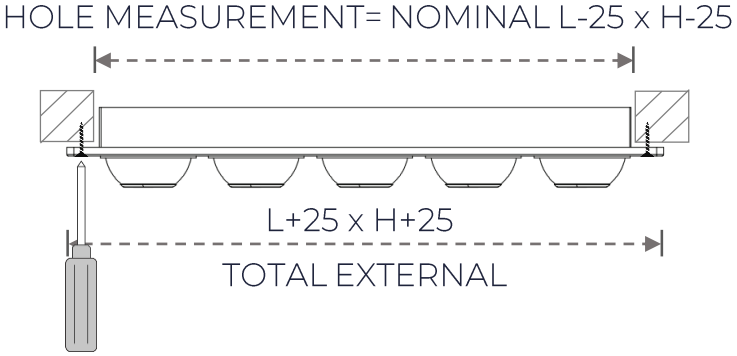
This type of fixing is the standard system for this series. The multi-nozzle must be placed in the resulting recess and pressed until it is attached to the sheet metal plates of the wall. The pressure that the clips exert on the wall prevents the multi-nozzle from slipping out.





SCREW FIXING

The multi-nozzle is supplied with countersunk holes. Screws not included. NOMINAL = L x H



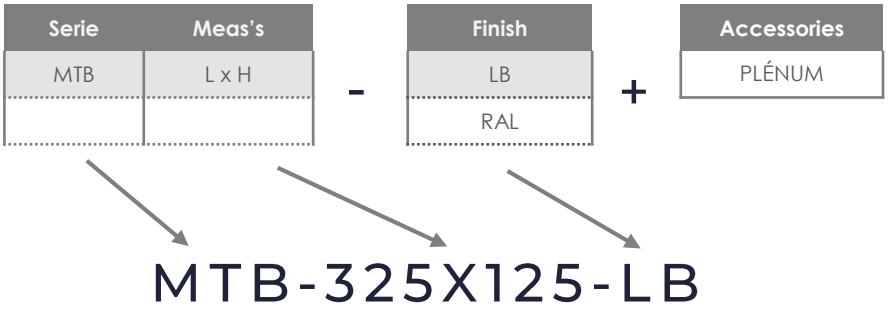
QUICK SELECTION TABLE

| N° rows | | N° of nozzles per row | | |

QUICK SELECTION TABLE

| Nº rows | | Nº of nozzles per row | | |

GRAPHIC DESCRIPTION



SERIE

- MTB: Multi-nozzle.

MEASUREMENTS (mm)

- L x H: 325 x 125 mm.

FINISH

- LB: White lacquered.

Order example: MTB 325x125 LB

- To order a Multi-nozzle 325x125 mm (1 row of 3 nozzles) white lacquered, you should request:

Order	Description
1 Multi-nozzle MTB 325x125 – White lacquered	Multi-nozzle 325x125 mm (1 row of 3 nozzles) white lacquered.

Order example: MTB 525x225 LB

- To order a Multi-nozzle 525x225 mm (2 rows of 5 nozzles each) white lacquered, you should request:

Order	Description
1 Multi-nozzle MTB 525x225 – White lacquered	Multi-nozzle 525x225 mm (2 rows of 5 nozzles) white lacquered.



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