Difair

Serie MTBC



CIRCULAR 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.

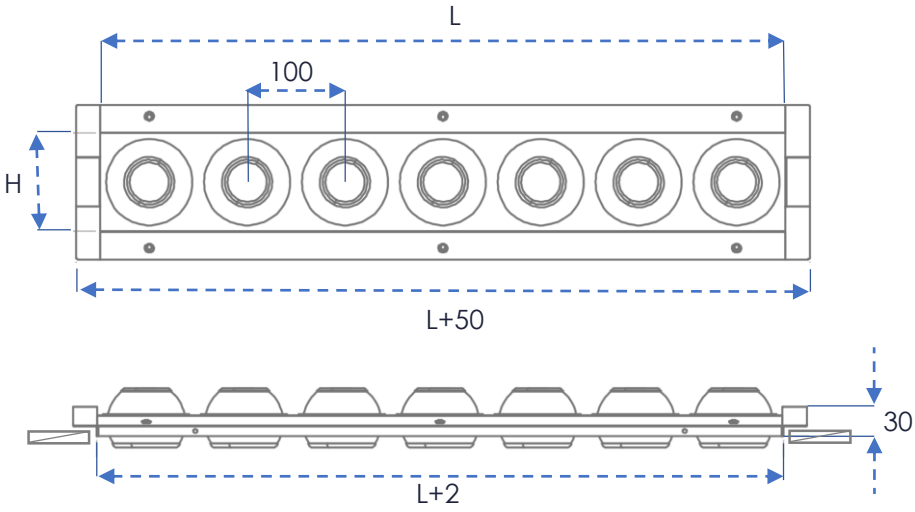
To meet all these requirements, the MTBC model long-range multi-nozzle unit has been designed. The studied and elaborated design of the grille allows a high air outlet velocity with low sound levels. Thanks to the high outlet velocities, a high air penetration into the room to be air-conditioned is achieved.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

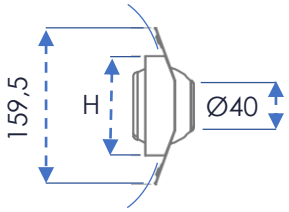
Another advantage of the long-range multi-nozzle unit lies in the fact that the air vein is broken down into a large number of individual air veins, resulting in a high induction rate. The temperatures and velocities of the individual air veins decrease rapidly, so that the air stream does not descend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

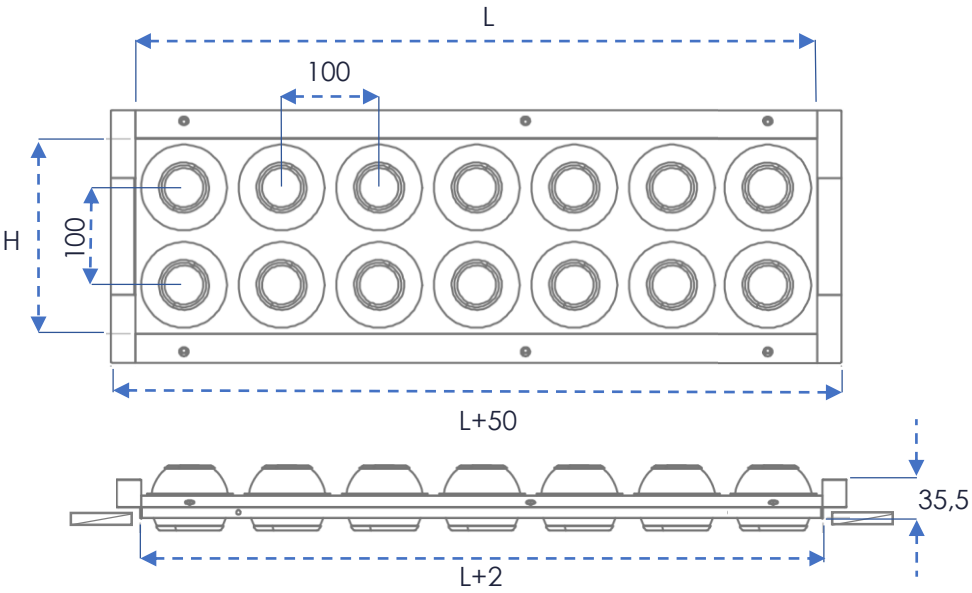
The long-range multi-nozzle model MTBC, with individually manually adjustable nozzles, allows a divergent air vein (turning radius 30°).

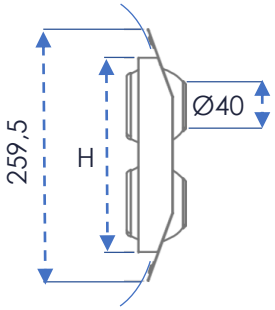
CIRCULAR MULTINOZZLE
SERIE MTBC

DIMENSIONS









MTBC DIMENSIONS TABLE

MTBC	N° of nozzles per row		3	4	5	6	7	8	9	10	11	12
No. of nozzle rows	Nominal Meas's	L	300	400	500	600	700	800	900	1000	1100	1200
	H	Hole Meas's	290	390	490	590	690	790	890	990	1090	1190
1	100	90	3 Nozzles	4 Nozzles	5 Nozzles	6 Nozzles	7 Nozzles	8 Nozzles	9 Nozzles	10 Nozzles	11 Nozzles	12 Nozzles
2	200	190	6 Nozzles	8 Nozzles	10 Nozzles	12 Nozzles	14 Nozzles	16 Nozzles	18 Nozzles	20 Nozzles	22 Nozzles	24 Nozzles

ACCESSORIES

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

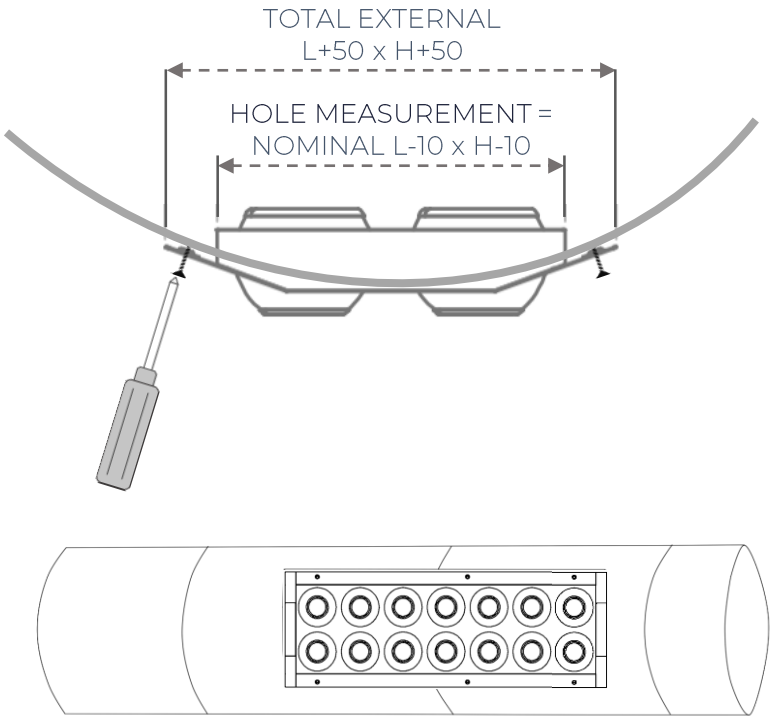
FINISH

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

FIXING SYSTEM

SCREW FIXING

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



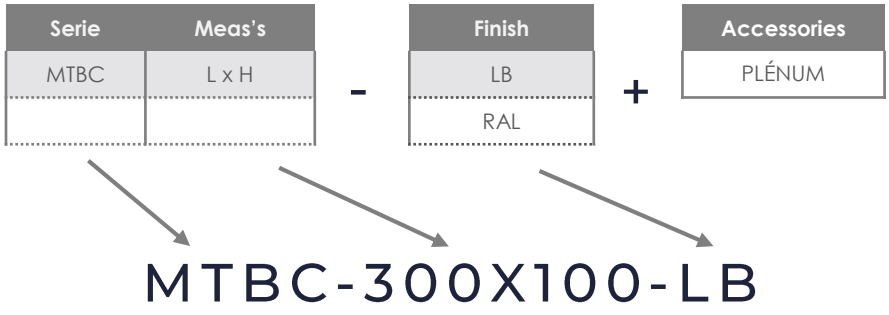
QUICK SELECTION TABLE

| N° Rows | | N° of nozzles pero row | | |

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| Nº Rows | | Nº of nozzles pero row | | |

GRAPHIC DESCRIPTION



SERIE

- MTBC: Circular multi-nozzle.

MEASUREMENTS (mm)

- L x H: 300 x 100 mm.

FINISH

- LB: White lacquered.

Order example: MTBC 300x100 LB

- To order a circular multi-nozzle 300x100 mm (1 row of 3 nozzles) white lacquered, you should request:

Order	Description
1 Multi-nozzle MTBC 300x100 – White lacquered	Circular multi-nozzle 300x100 mm (1 row of 3 nozzles) white lacquered

Order example: MTBC 500x200 LB

- To order a circular multi-nozzle 500x200 mm (2 rows of 5 nozzles each) white lacquered, you should request:

Order	Description
1 Multi-nozzle MTB 500x200 – White lacquered	Circular multi-nozzle 500x200 mm (2 rows of 5 nozzles each) white lacquered.



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