



Serie TBL



LINEAR DIFFUSER WITH NOZZLE



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LINEAR DIFFUSER WITH NOZZLE **SERIE TBL**



DESCRIPTION

Linear diffuser for variable or constant flow of high induction of medium-long range. The nozzle that incorporates, allows its total rotation $\pm 30^\circ$ achieving comfort both in cold and heat.

APPLICATION

- Particularly suitable for commercial premises, mezzanines, stores, homes, etc.
- It can be used both in impulsion and return.
- High level of aesthetics and functionality.

CONSTRUCTION FEATURES

- Manufactured entirely from extruded aluminum profiles.
- Standard aluminum finish or painted white-gloss RAL-9010.

LINEAR DIFFUSER WITH NOZZLE SERIE TBL

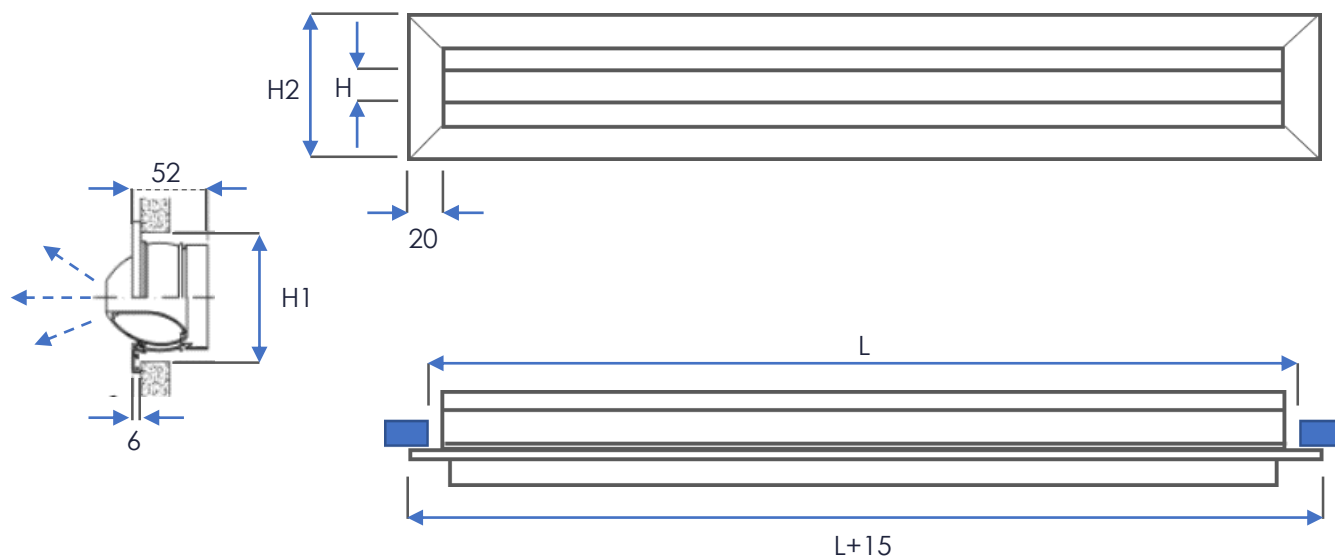
ACCESSORIES

- It can incorporate a directional regulation damper (REG).
- It can also incorporate insulated galvanized steel sheet plenum (-PLAISL) or previously uninsulated (-PL).
- The NARROW-IC and NARROW-CC have a galvanized steel frame and an aluminum diffuser.

INSTALLATION

- Can be ceiling or wall mounted.

DIMENSIONS



H	H1 (mm)	H2 (mm)
15	85	100
20	90	105
30	100	115
40	110	125
50	120	135

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QUICK SELECTION TABLE

		SIZE				
m ³ /h		15-1000	20-1000	30-1000	40-1000	50-1000
200	Vel	1.8				
	ΔP	1				
	dB(A)	18				
300	Vel	2.7	3.1			
	ΔP	2.3	2.1			
	dB(A)	25	24			
400	Vel	3.6	3.9	2.2		
	ΔP	4.1	3.3	0.9		
	dB(A)	30	29	19		
500	Vel	4.5	4.6	2.8	2.4	
	ΔP	6.4	4.8	1.5	0.8	
	dB(A)	34	33	25	20	
600	Vel	5.4	5.3	3.3	2.9	2.6
	ΔP	9.1	6.7	2.1	1.2	0.8
	dB(A)	37	52	29	24	23
800	Vel	7.1	6.2	4.4	3.8	3.4
	ΔP	16.3	8.5	3.8	2.1	1.4
	dB(A)	40	40	36	31	29
1000	Vel		7.7	5.6	4.8	4.3
	ΔP		13.3	5.9	3.3	2.2
	dB(A)		45	42	37	34

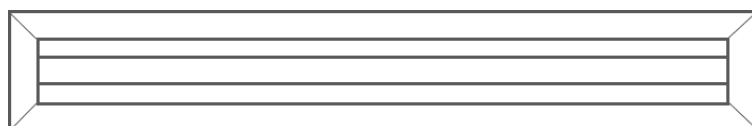
Vel = m/s Total section

Δ P = Static pressure drop mm.ca

dB(A) = Sound level without air flow control (damper)

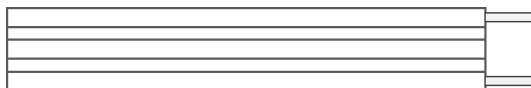
COMPOSITION BY INSTALLATION UNITS

1-SECTION DIFFUSER (SINGLE)

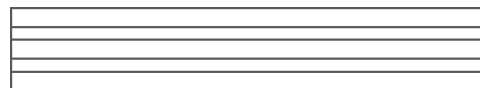


2-SECTION DIFFUSER

A



B



3-SECTION DIFFUSER

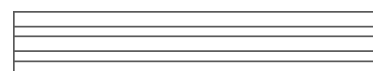
A



B



C



LINEAR DIFFUSER WITH NOZZLE

SERIE TBL

Serie		Model		Finish
	15		40	ALU
TBL	20		50	LB
	30			

TBL-20-ALU

DESCRIPTION

SERIE

- TBL: Linear diffuser with nozzle.

MODEL

- TBL20: Linear diffuser with nozzle and 20mm opening.

FINISH

- Alu: Aluminum.

Order example: TBL20 - ALU

- To order a linear diffuser with nozzle, 20mm diffusion opening (nozzle mouth), made in aluminum, you should request:

Order	Description
Linear diffuser with nozzleTBL20-ALU	Linear diffuser with nozzle, 20mm diffusion opening (nozzle mouth), made in aluminum.

Order example: TBL15 - LB

- To order a linear diffuser with nozzle, 15mm diffusion opening (nozzle mouth), white lacquered, you should request:

Order	Description
Linear diffuser with nozzleTBL15-LB	linear diffuser with nozzle, 15mm diffusion opening (nozzle mouth), white lacquered.



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