

LADES



Catalogue Series 90



Long-Throw Displacement Unit

Product description

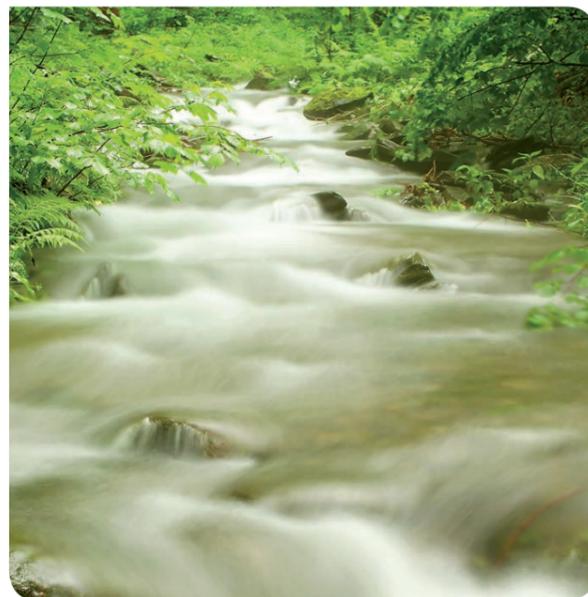
The **LADES** diffuser was designed to be installed in rooms with high ceilings (not higher than 5 or 6 m) such as industrial facilities, large stores, etc. The diffuser is octagonal, and the upper section of the terminal is fitted with multiple nozzles for hot air supply.

The lower section has a perforated detachable front housing for cold air supply. For even distribution of air, the interior is equipped with an equalising plate. The multiple nozzle section and the perforated section are separated by a volume control damper controlled by an electric motor, a manual control or a thermal component. The **LADES** diffuser is manufactured of galvanised steel sheet. The multiple nozzles are manufactured of class V0 ABS material, in accordance with UL 94. The entire terminal is painted in RWMZ-60 grey. By special order, the unit can be painted in other colours.

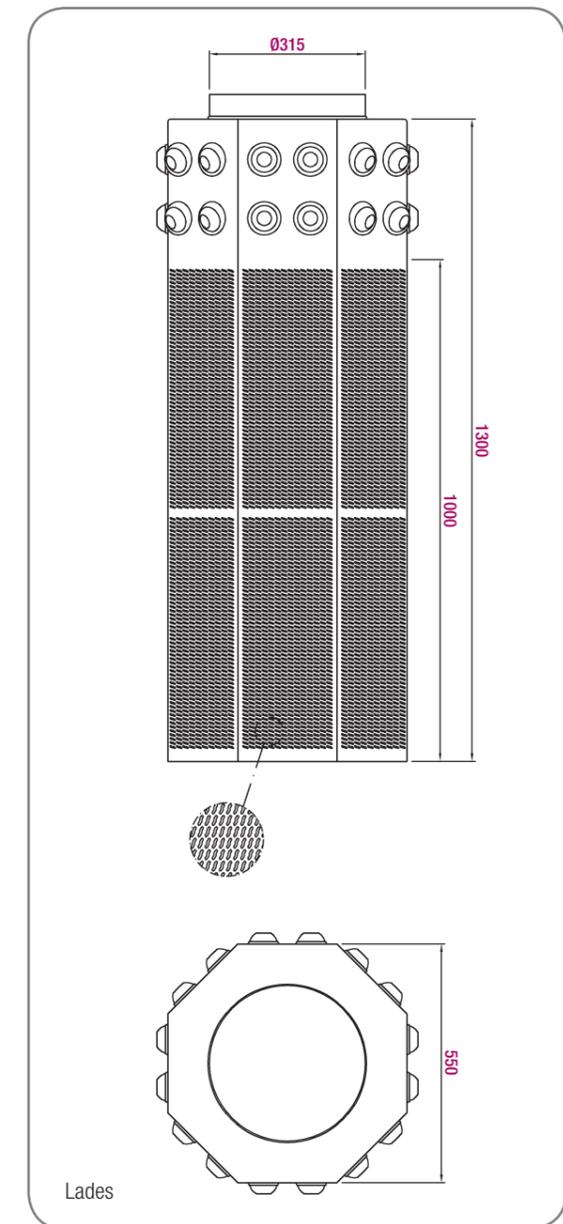
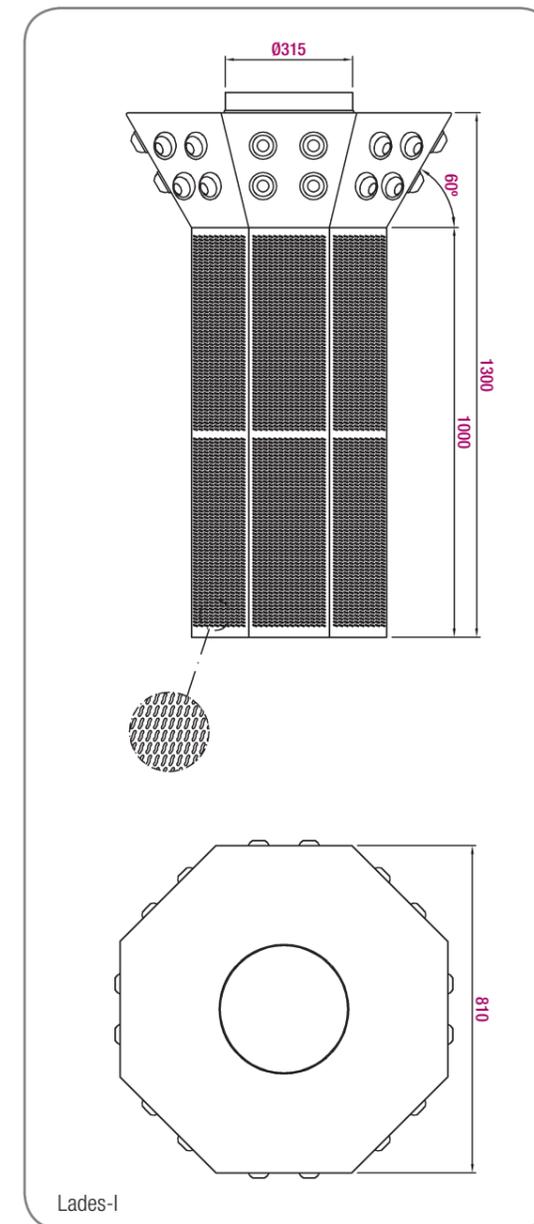
Models

LADES. Flush nozzle plate diffuser.

LADES-I. Tilted nozzle plate diffuser.



General dimensions



Selection table

Configuration	Q (m³/h)	L _{wa} [dB(A)]	ΔP _t (Pa)	X (m)	V _k (m/s)
Cold	1000	25	11		
	1175	30	15		
	1375	35	21		
Hot	470	25	9	4.1	5.2
	570	30	13	5.0	6.3
	690	35	19	6.1	7.6

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Q (m³/h): Air flow.
 L_{wa} [dB(A)]: Puissance acoustique.
 ΔP_t (Pa): Total pressure loss.
 X (m): Maximum velocity of the air stream at 0.50 m from the diffuser.
 V_k (m/s): Effective velocity.