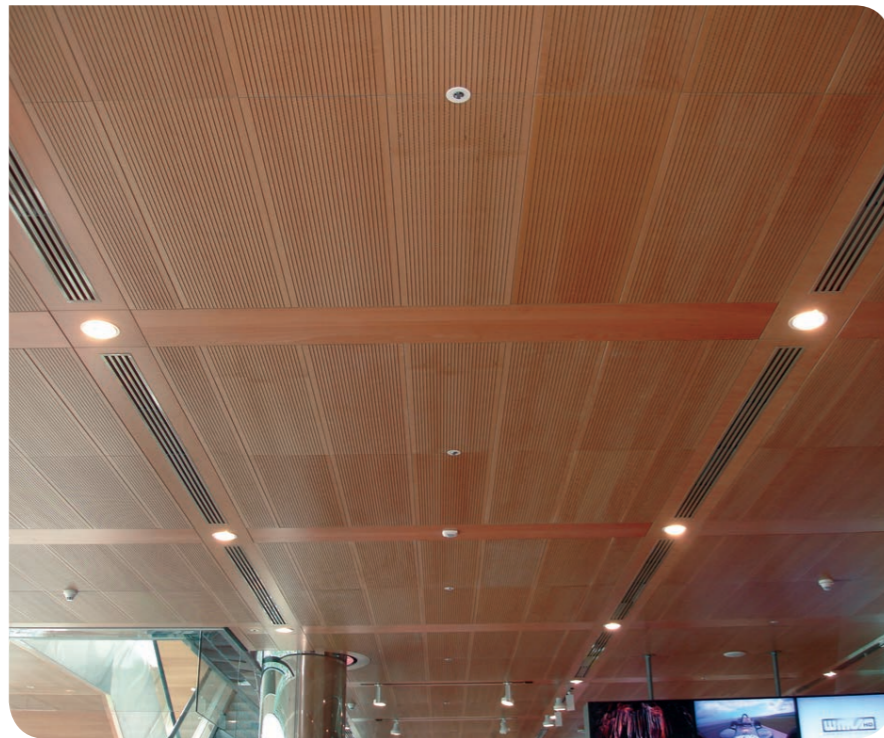


HIDE



Catalogue Series HIDE



Linear Slot Diffuser



Product description

Linear slot diffuser, KOOLAIR, model **HIDE**, of _ slots, length _mm, 21 mm width slot with no external frames providing it a high aesthetic level. Its directional blades allows directing the airflow from 0° to 180°.

Incorporates connection plenum box made in steel sheet with regulation damper in the spigot.

Finished in anodised aluminium or painted in RAL colour upon request. The directional blades are in black.

Recommended installation height between 2.5 and 4 m.

Note: Possible to form continuous lines (Maximum length per section 2000 mm).

Other models

R-1,5. 1,5 mm end cap.

R-8,7. 8,7 mm end cap.

R-17. 17 mm end cap.

Mounting

PFL-RL. Fixed side connection plenum box uninsulated. With damper.

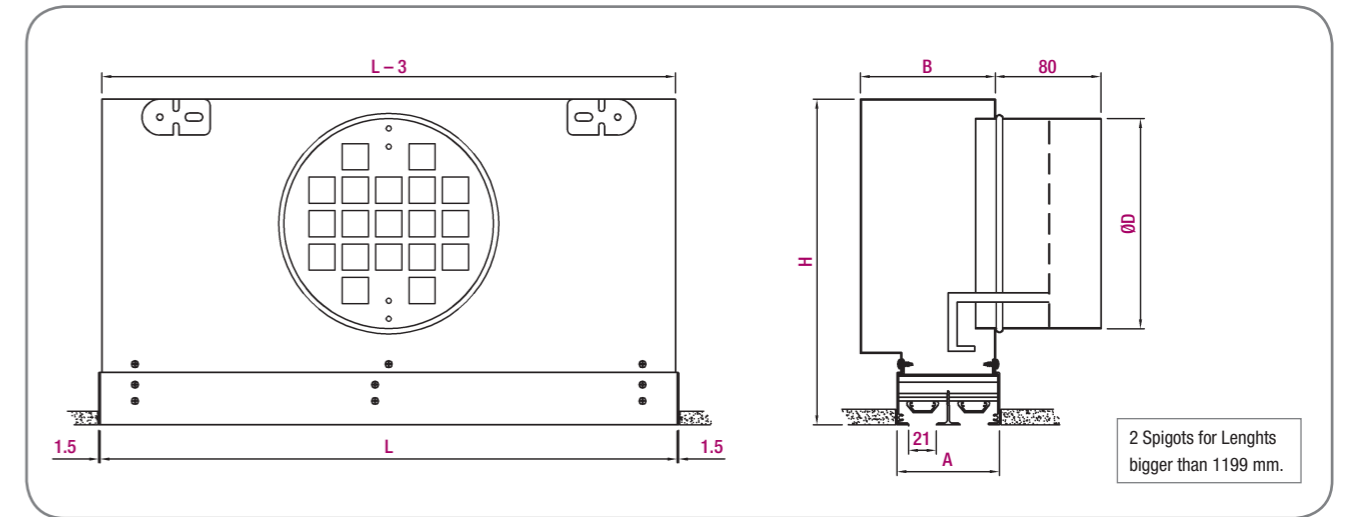
PFL-A-RL. Fixed side connection plenum box, insulated. With damper.

PFS-RL. Fixed top connection plenum box uninsulated. With damper.

PFS-A-RL. Fixed top connection plenum box, insulated. With damper.

ESD. Supports for hanging diffuser.

General dimensions

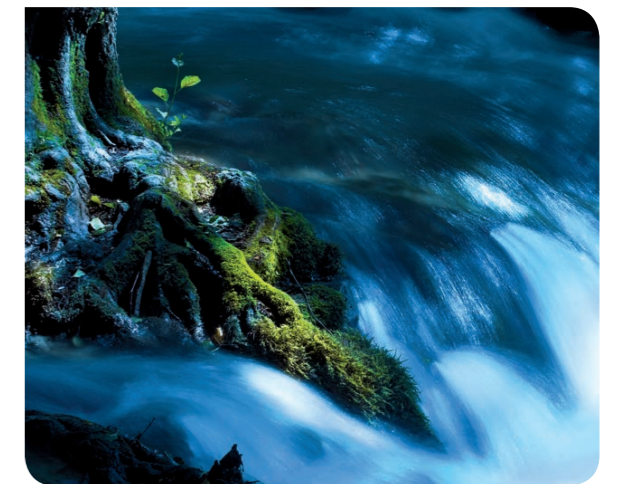


Custom plenums available to suit reduced heights above false ceilings.

HIDE (Side connection plenum box)

N° of Slots	A	B	Ø D	H
1	38.5	80	124	211
2	77.5	119	159	246
3	116.5	158	199	286
4	155.5	197	199	286

Unit mm



Selection table

(Flow rate per linear metre of diffuser)

N° of Slots	Dimension	Q (m³/h)	L _{wa} [dB(A)]	ΔP _t (Pa)	X (m)	V _k (m/s)
1	1000	110	24	8	1.9	2.6
		150	32	14	2.6	3.6
		200	40	25	3.5	4.8
2	1000	175	24	5	2.2	2.1
		250	32	10	3.1	3.0
3	1000	320	40	16	4.0	3.8
		240	24	4	2.4	1.9
4	1000	320	32	7	3.2	2.5
		425	40	13	4.3	3.4
		275	24	3	2.4	1.6
4	1000	360	32	5	3.2	2.2
		500	40	10	4.4	3.0

The Selection Table shows a summary of dimensions. Other sizes available. Consult the Sales Department.

LEGEND

Q (m³/h): Air flow.
 L_{wa} [dB(A)]: Sound power level.
 ΔP_t (Pa): Total pressure loss.
 X (m): Throw for a maximum velocity of 0.25 m/s at the occupied zone
 ΔT = 0 °C (isothermal conditions), installed at 2.8 m of height.
 V_k (m/s): Effective velocity.