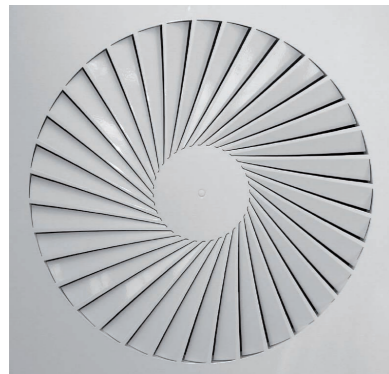


DAFT



Catalogue Series 40.3



Fixed blade swirl diffuser

Product description

Fixed blade swirl diffuser KOOLAIR model **DAFT**, size **_x_** integrated into a plate 595x595, incorporate connection plenum box made in galvanised steel, with volume control damper on the spigot. Finished in any RAL colour upon request. Recommended installation height between 2.5 and 3.5 m.

Other models

DAFT-Q. Fixed blade swirl diffuser integrated into a plate 595x595 mm, for tile replacement.

DAFT-C. Fixed blade swirl diffuser integrated into a circular plate.

Mounting

PCDL-RE. Removable plenum box with side connection, internally non-insulated, made in galvanised steel sheet, with manual damper accessible from false ceiling.

PCDL-A-RE. Removable plenum box with side connection, internally insulated, made in galvanised steel sheet, with manual damper accessible from false ceiling.

PCDL-RL. Removable plenum box with side connection, internally non-insulated, made in galvanised steel sheet, with manual damper accessible from room.

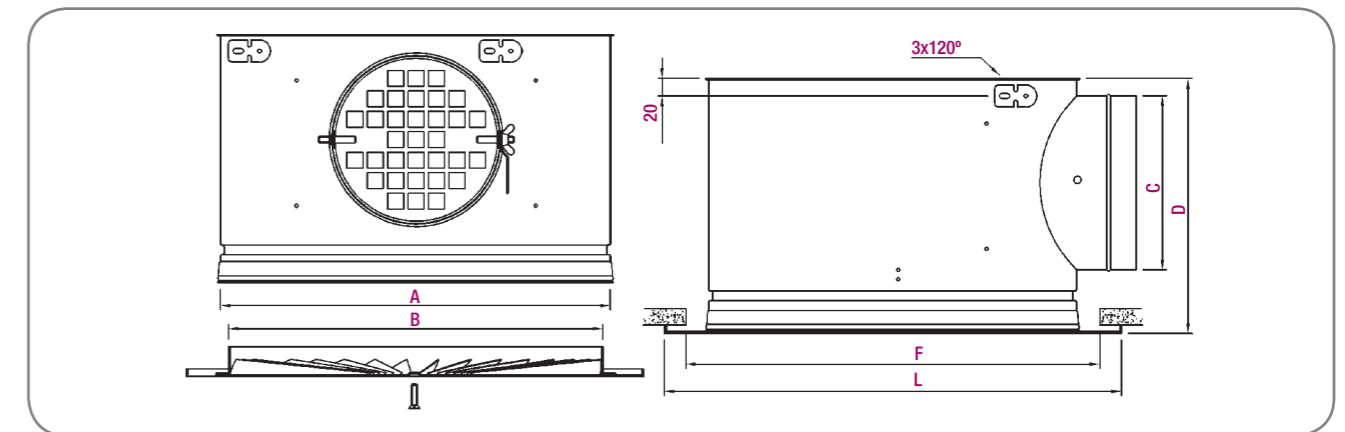
PCDL-A-RL. Removable plenum box with side connection, internally insulated, made in galvanised steel sheet, with manual damper accessible from room.

RPM. Damper equipped to allow motorization.

PM. Mounting bridge. To be used when installation is without a plenum.

Note: On request, top plenum available insulated/uninsulated (PDS-A-RE/PDS-RE).

General dimensions



Custom plenums available to suit reduced heights above false ceilings.

Model	L	A	B	C	D	F
300	298	273	260	159	229	273
325	323	273	260	159	229	298
400	398	356	344	199	269	373
500	498	450	438	199	269	473
600	595	553	541	249	319	570
625	623	553	541	249	319	598

Unit mm

Selection table

Size	Q (m³/h)	L _{WA} [dB(A)]	ΔP _t (Pa)	X (m)
300/(325)	90	24	6	1.0
	125	32	12	1.4
	180	40	25	2.0
400	190	24	7	1.5
	275	32	15	2.0
	375	40	27	3.0
500	260	24	8	1.7
	370	32	16	2.4
	500	40	28	3.2
600/(625)	350	24	7	1.9
	480	32	14	2.7
	700	40	26	3.9

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 = -10 °C (cold), installed at 3 m of height.

