

Difusor DFRE-Q-PR

Difusor rotacional de aleta fija con
chapa perforada.

*Fix blade swirl diffuser with
perforated plate.*

Difusor DFRE-Q-PR

Descripción

Difusor rotacional de aleta fija especialmente diseñado para impulsión y retorno de aire. Consiste en una placa perforada con un difusor rotacional de aleta fija en el interior. La placa puede ser fija o abatible.

La dimensión estándar de la placa es de 595x595 mm, aplicable para techo modular o decalado. Para techos de perfilera oculta la placa será de 599x599 mm

Aplicación

Difusor con altos caudales de impulsión y baja velocidad en zona ocupada.

Difusor recomendado para una altura de instalación entre 2,5 y 3,5 m

Acabados

Pintado en blanco RAL 9010.

Acabados especiales bajo demanda.

Description

The fixed blade swirl diffuser integrated with a perforated plate has been developed for supply and extract applications. The diffuser consists of a fixed perforated plate or hinged for easy access from the diffuser face, with a fixed swirl diffuser on the rear.

The standard plate dimension is 595x595 mm overall which is suitable for 'Lay in' or 'tegular' tile replacement ceilings. It can also be manufactured 599x599 overall to suit 'burgess clip' type ceilings

Application

Increasingly stringent design requirements including higher supply flow rates, lower velocities, thermal gradients in the occupied zone and also the aesthetics (smoother incorporation in the interior design) have generally made swirl diffusers a better choice for air diffusion. This is due to its high induction rate which can reduce velocities, air flow and obtaining better thermal gradient conditions in the occupied zone.

The recommended mounting height is around 2,5 to 3,5 metres, and the distance between the two axes of the diffusers is 2 and 4 metres, this will depend on the air flow of each diffuser.

Standard finish is RAL 9010.

Koolair, S.A.

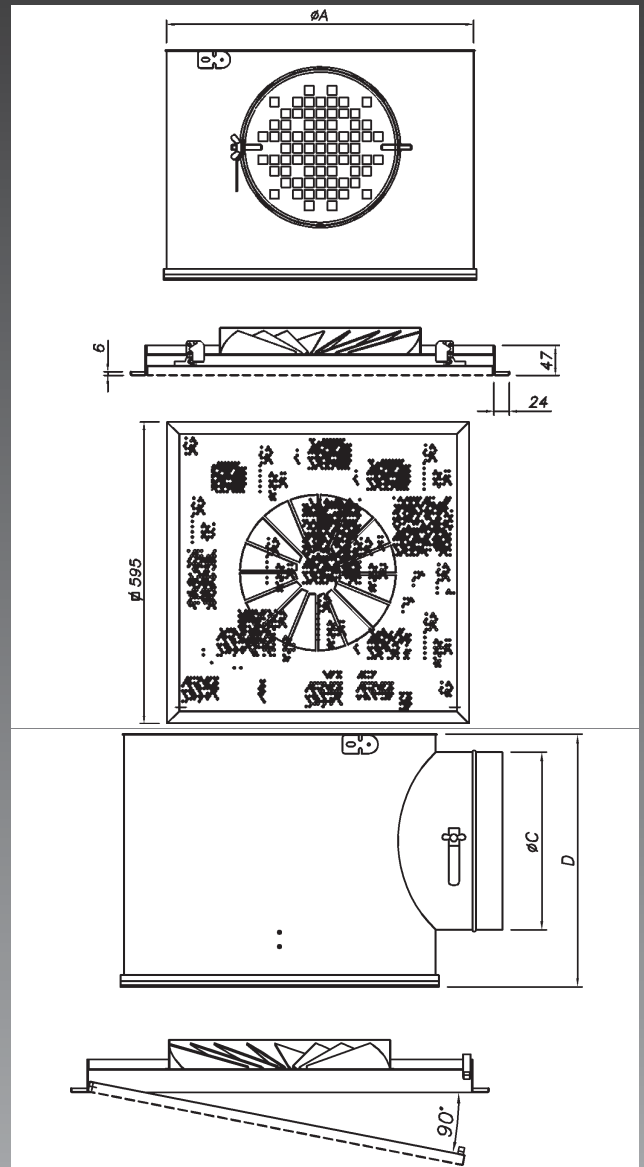
Polígono Industrial 2, La Fuensanta
28936 Móstoles (Madrid)

Tel.: 34 91 645 00 33. Fax: 34 91 645 69 62

info@koolair.com

www.koolair.com

KOOLAIR



DIMENSIONES / DIMENSIONS

Modelo / Model	Ø A	Ø B	D
125	134	99	170
160	169	124	195
200	211	159	230
250	261	199	270
315	324	249	320
355	364	249	320
400	409	314	385
500	509	314	385

TABLA SELECCIÓN RÁPIDA / QUICK SELECTION TABLE

CAUDAL/AIR FLOW - POTENCIA SONORA/SOUND POWER - PÉRDIDA DE CARGA- P_t /PRESSURE DROP- P_t						
Tamaño / Size	m ³ /h (Pa)					
	20 dB(A)	25 dB(A)	30 dB(A)	35 dB(A)	40 dB(A)	45 dB(A)
125	28 (4)	35 (7)	42 (10)	52 (15)	64 (23)	78 (35)
160	54 (4)	66 (8)	80 (11)	98 (17)	119 (25)	145 (36)
200	86 (6)	103 (8)	124 (12)	150 (17)	181 (25)	218 (37)
250	131 (5)	156 (7)	185 (10)	221 (14)	263 (20)	313 (29)
315	238 (5)	285 (8)	340 (11)	406 (16)	485 (23)	580 (32)
355	253 (4)	304 (6)	367 (9)	442 (13)	532 (19)	643 (27)
400	287 (4)	348 (6)	420 (8)	510 (12)	610 (18)	748 (26)
500	437 (5)	518 (7)	615 (9)	730 (13)	866 (19)	1031 (27)