

EDQF3 Perforated face square diffusers



Description

Square diffusers for ceiling installation with perforated front plate.

Characteristics

Aluminium perimeter frame with galvanised steel panel painted white RAL 9016. The perforated panel has following specifications:

- 60° alternating round holes;
- empty/full ratio 46%;
- diameter of holes 5mm;
- distance between centres 7mm.

Use

Suitable for both supply and exhaust air in air conditioning systems.

Accessories

- EPZ galvanised plenum;
- EPI insulated plenum;
- SC volume damper.

On request

- Painted in different RAL colours (prices on request);
- Screw holes on the diffuser frame.

Dimensions

Technical Drawing	Installation on Solid Ceiling	Installation in Modular Suspended Ceiling
□ 560 x 560 Dimensione foro □ 595 x 595 25 10,5	Montaggio a incasso in un foro da 560 x 560 mm, con fissaggio mediante viti sulla cornice perimetrale esterna.	Montaggio in appoggio sulla struttura portante di controsoffitti pannellati con modulo 600 x 600 mm. Dimensione esterna del pannello: 595 x 595 mm.

Operating Data

- V_k : effective speed (m/s).
- m^3/h : flow rate.
- Pa : pressure drops in Pascal.
- $L(m)$: air throw in metres calculated on ceiling installation, terminal velocity 0.25 m/s.
- $dB(A)$: noise level.

Models	Effective Cross-Section (m ²)	V_k	2,5	3	4	5	6
EDQF3 595x595	0,127	m^3/h	1145	1370	1830	2285	2740
		$L(m)$	2,9	3,5	4,4	5,3	6,3
		Pa	10	15	20	35	50
		$dB(A)$	18	21	30	39	48

Plenum Box

Plenum with top connection on request.

Technical Drawing	Models	Overall Dimensions $L1 \times H1$ (mm)	$\varnothing d$	$P1$	$\square C$	E
ATTACCO LATERALE $\varnothing d$ $L1$ $H1$ $P1$ C E	EPI 560X560	580x580	248	300	560	80

SC - Regulation Damper

Photo	Description
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This accessory allows the airflow delivered by the diffuser to be accurately adjusted, ensuring precise air volume balancing. The damper is attached to the diffuser using the mounting clips supplied with the diffuser.

Price List

Diffuser		SC - Volume Damper	EPI - Insulated Plenum Box	EPZ - Plenum Box
	Eur	Eur	Eur	Eur
EDQF3 595x595	-	-	-	-