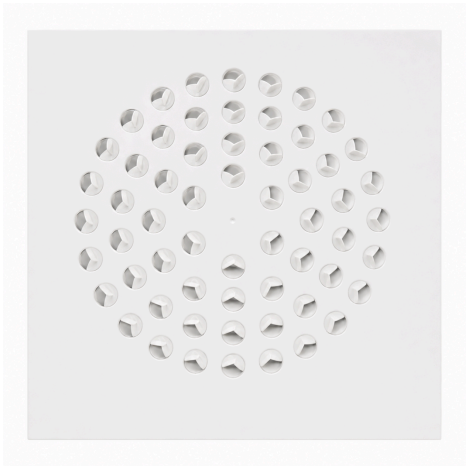


EDQMC Multi-nozzle Diffusers



Description

Multi-nozzle diffusers equipped with 360° adjustable deflector nozzles in circular geometry.

Features

Material: panel in galvanised steel.

Nozzles: white ABS RAL 9016.

Finish: painted RAL 9016.

Installation on plenum box with lateral, non-visible screws or with mounting bridge inside plenum box and central screw on the diffuser.

Use

Multi-nozzle diffusers suitable for installation in rooms with a height between 2.5 and 4 m, both in heating and cooling mode.

Accessories

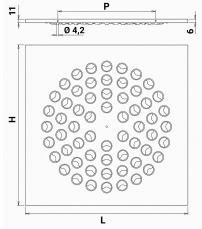
- EPZ-EDE - Galvanized steel plenum box with damper and mounting bridge;
- EPZ-EDE-EQ - Galvanized steel plenum box with damper, equalizer and mounting bridge;
- EPI-EDE - Insulated plenum box with damper and mounting bridge;
- EPI-EDE-EQ - Insulated plenum box with damper, equalizer and mounting bridge.

On request

Painting of panel only (not the white nozzles) in different RAL colours.

Diffuser Dimensions

All dimensions are expressed in mm.

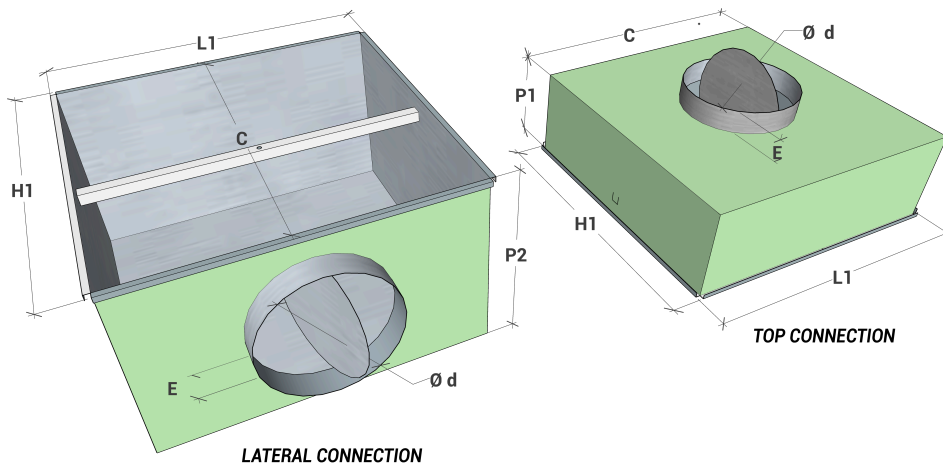
Technical Drawing	Model	L	H	P
	400	395	395	200
	500	495	495	300
	600	595	595	400

Operating Data

- V_k : effective speed (m/s).
- m^3/h : flow rate.
- Pa: pressure drops in Pascal.
- L(m): air throw in metres referring to diffuser installed with Plenum + equaliser and open damper, terminal velocity 0.25 m/s.
- dB(A): noise level.

Model	Effective Section	Vk (m/s)	3	4	5	6	8	Nr. of Nozzles
	m²							
400	0,0041	m³/h	45	60	75	90	120	18
		L(m)	0,9	1,2	1,5	1,8	2,4	
500	0,0083	m³/h	90	120	150	180	240	36
		L(m)	1,2	1,6	2	2,4	3,2	
600	0,0138	m³/h	150	200	250	300	400	60
		L(m)	1,6	2,1	2,6	3,1	4,1	
Noise Level		dB(A)	20	25	30	35	40	-
Pressure Drop		Pa	15	22	30	42	70	-

Plenum Box Dimensions



Plenum Box	Compatible Diffuser	Overall Dimensions L1 x H1 (mm)	Ø d	P1	P2	□ C	E
400	EDQMC 400	392x392	198	200	300	360	50
500	EDQMC 500	492x492	198	200	300	460	50
600	EDQMC 600	592x592	248	200	350	560	50

Price List

Model	400	500	600
	€	€	€
EDQMC	95,08	108,25	134,60

Price List for Plenum with Lateral Connection

Plenum with top connection, price on request.

Model	Description	400	500	600
		€	€	€
EPZ-EDE	Galvanised plenum box with damper and mounting bridge	94,90	110,26	129,93
EPZ-EDE-EQ	Galvanised steel plenum box with damper, equalizer and mounting bridge	108,67	130,33	161,78
EPI-EDE	Insulated plenum box with damper and mounting bridge	114,94	135,37	159,27
EPI-EDE-EQ	Insulated plenum box with damper, equalizer and mounting bridge	129,57	156,19	192,36
	Screw and Cap	5,93		