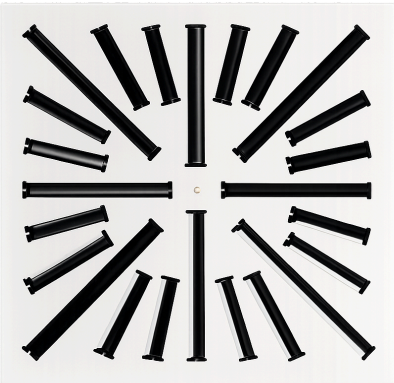


EDE5 High Induction Swirl Diffuser



Description

EDE5 - High induction swirl diffusers with adjustable deflectors on square panel.

Features

Material: galvanized steel panel and ABS deflectors.

Finish:

- white RAL 9016 painted panel;
- black ABS deflectors.

Installation on plenum box with lateral non-visible screws or with mounting bridge and central hole on the diffuser (screw and cap for installation with fixing bracket supplied with the diffuser).

Use

Swirl diffuser 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.

Special executions

Panel colour on request.

Notes

The plenums available in stock are insulated, complete with damper, lateral connection and fixing kit.

Diffuser Dimensions

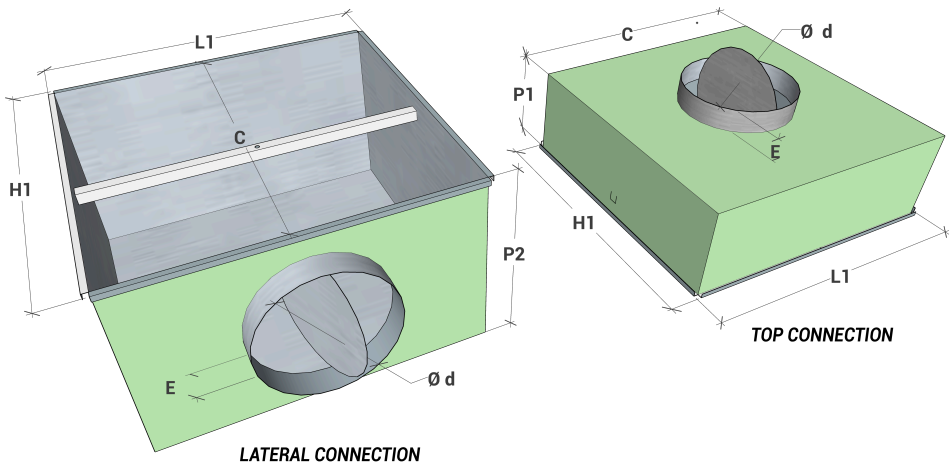
Technical Drawing	Models EDE5	L x H (mm)
	400	395x395
	500	495x495
	600	595x595
	625	620x620

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 Section	Vk	2	3	4	5	6	Number of Deflectors
	m²							
400	0,0217	m³/h	160	235	315	390	470	16
		Pa	2	5	9	16	25	
		L(m)	1,8	2,6	3,5	4,4	5,3	
500	0,0402	m³/h	290	435	580	725	870	24
		Pa	2	5	10	17	26	
		L(m)	1,7	2,5	3,4	4,2	5	
600	0,0706	m³/h	510	760	1015	1270	1525	32
		Pa	2	5	10	17	27	
		L(m)	2,2	3,4	4,5	5,6	6,7	
625	0,0706	m³/h	510	760	1015	1270	1525	32
		Pa	2	5	10	17	27	
		L(m)	2,2	3,4	4,5	5,6	6,7	
Noise Level		dB(A)	20	25	30	35	40	

Plenum Box Dimensions



All dimensions are expressed in mm.

Models	Compatible Diffuser	Overall Dimensions L1 x H1 (mm)	Ø d	P1	P2	□ C	E
400	EDE5 400	392x392	198	200	300	360	50
500	EDE5 500	492x492	198	200	300	460	50
600	EDE5 600	592x592	248	200	350	560	50
625	EDE5 625	617x617	248	200	350	585	50

Price List

Models	400	500	600	625
	Eur	Eur	Eur	Eur
EDE5	-	-	-	-

Price List for Plenum Box with Lateral Connection

For plenum box with top connection, price on request

Models	Description	400	500	600	625
		Eur	Eur	Eur	Eur
EPZ-EDE	Galvanised plenum box with damper and mounting bridge	-	-	-	-
EPZ-EDE-EQ	Galvanised 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	-	-	-	-