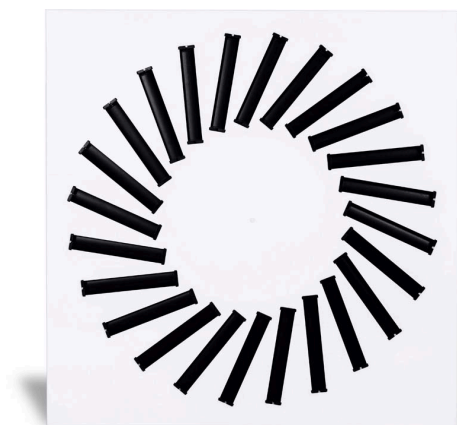


EDE2 - EDE2R High Induction Swirl Diffuser



Description

EDE2 - High induction swirl diffusers with adjustable deflectors on square panel.

EDE2R - High induction swirl diffusers with adjustable deflectors on circular 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 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.

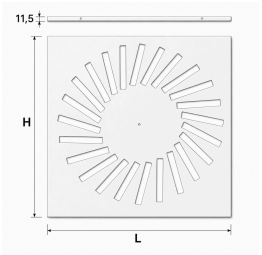
Special executions

Panel colour on request.

Notes

The plenum boxes available in stock are insulated, with damper, lateral connection and fixing kit.

Diffuser Dimensions

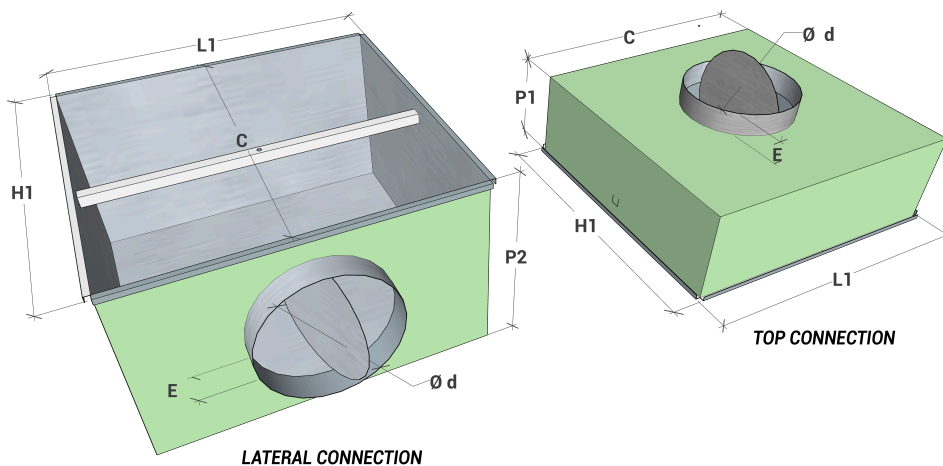
Technical Drawing	Models EDE2	L x H (mm)
	300	295x295
	400	395x395
	500	495x495
	600	595x595
	625	620x620
	800	795x795

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							
300	0,0092	m³/h	67	100	135	165	200	10
		Pa	5	11	20	32	47	
		L(m)	0,9	1,3	1,7	2,2	2,9	
400	0,0161	m³/h	115	175	230	290	350	12
		Pa	2	5	9	16	24	
		L(m)	1,1	1,6	2,1	2,7	3,2	
500	0,0253	m³/h	180	275	365	455	545	16
		Pa	2	6	11	19	30	
		L(m)	1,3	2	2,7	3,4	4	
600	0,0380	m³/h	275	410	545	685	820	24
		Pa	3	7	13	23	35	
		L(m)	1,7	2,5	3,2	4	5	
625	0,0380	m³/h	275	410	545	685	820	24
		Pa	3	7	13	23	35	
		L(m)	1,7	2,5	3,2	4	5	
800	0,0668	m³/h	480	720	960	1200	1440	24
		Pa	3	9	18	30	47	
		L(m)	2,1	3,2	4,4	5,5	6,5	
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
300	EDE2 300	292x292	146	200	250	260	50
	EDE2 300/600						
400	EDE2 400	392x392	198	200	300	360	50
	EDE2 400/600						
500	EDE2 500	492x492	198	200	300	460	50
	EDE2 500/600						
600	EDE2 600	592x592	248	200	350	560	50
	EDE2 300/600						
	EDE2 400/600						
	EDE2 500/600						
625	EDE2 625	617x617	248	200	350	585	50
800	EDE2 800	792x792	298	250	400	760	50

Price List

Models	300/600	400/600	500/600
	Eur	Eur	Eur
EDE2	-	-	-

Price of EDE2R on request

Models	300	400	500	600	625	800
	Eur	Eur	Eur	Eur	Eur	Eur
EDE2	-	-	-	-	-	-

Price List for Plenum Box with Side Connection

For plenum box with top connection, prices on request
For EDE2R plenum box, prices on request

Models	Description	300	400	500	600	625	800
		Eur	Eur	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	-	-	-	-	-	-