EDE2S High Induction Swirl Diffuser

High induction swirl diffusers with adjustable aerodynamic profile deflectors



Description

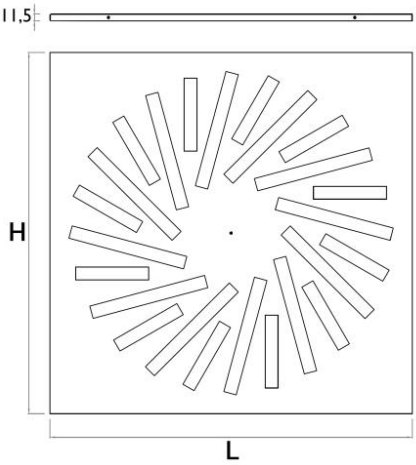
EDE2S - High induction swirl diffusers with adjustable deflectors on square panel.

Features

Material: galvanized steel panel and ABS deflectors.

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

Installation on plenum with lateral non-visible screws or with internal bracket in the plenum 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 2.6 and i 4.1 m, both in heating and cooling mode.

Accessories

- EPZ-EDE galvanized plenum box with damper and mounting bridge;
- EPZ-EDE-EQ galvanized plenum box with damper, equalizer and mounting bridge;
- EPI-EDE insulated galvanized plenum box with damper and fixing bracket;
- EPI-EDE-EQ insulated galvanized 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:

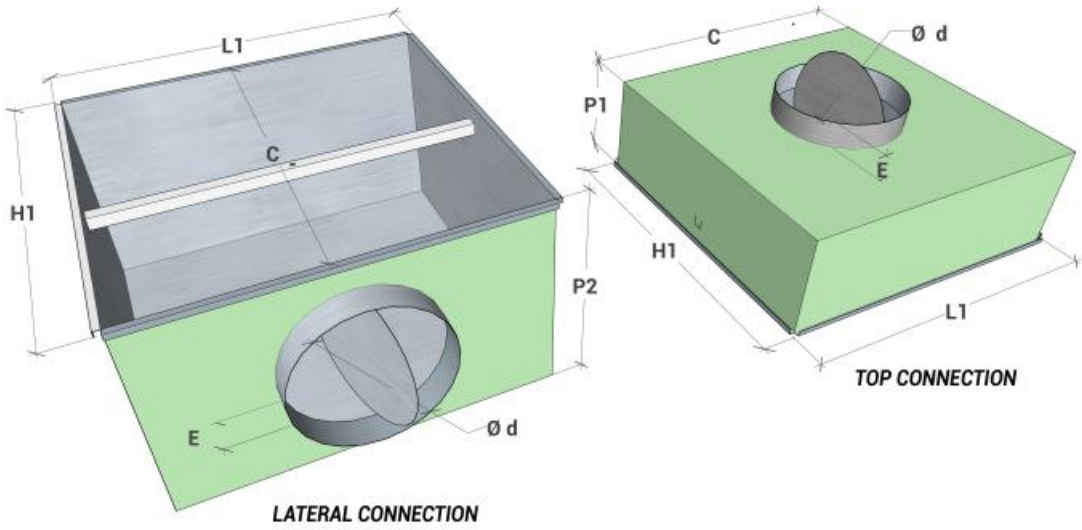
model EDE2S	L x H (mm)
600	595x595

Operating data

Vk: 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

model	effective cross-section m^2	Vk	2	3	4	5	6	number of deflectors
600	0,0431	m^3/h	310	465	620	775	930	24
		Pa	3	7	14	24	38	
		L(m)	1,8	2,6	3,5	4,4	5,3	
noise level		dB(A)	20	25	30	35	40	

Plenum box dimensions



All dimensions are expressed in mm

model	External dimensions L1 x H1	Ø d	P1	P2	C	E
600	592x592	248	200	350	560	50

Price list

model	600
	euro
EDE2S	⌄

Price list for plenum box with lateral connection

For plenum box with top connection, price on request

Model	Description	600
		euro
EPZ-EDE	Galvanized plenum box with damper in spigot and mounting bridge	⌄
EPZ-EDE-EQ	Galvanized plenum box with damper in spigot, equalizer and mounting bridge	⌄
EPI-EDE	INSULATED Galvanized plenum box with damper in spigot and mounting bridge	⌄
EPI-EDE-EQ	INSULATED Galvanized plenum box with damper in spigot, equalizer and mounting bridge	⌄