

# EDQMC Circular geometry multi-nozzle diffusers



## Description

High induction multi-nozzle diffusers equipped with 360° adjustable deflector nozzles.

## Characteristics:

Material: galvanised steel.  
Nozzles: White ABS.  
Finish: painted white RAL 9016.

Installation on plenum with lateral, non-visible screws or with fixing bracket inside plenum and central hole on the diffuser.

## Use

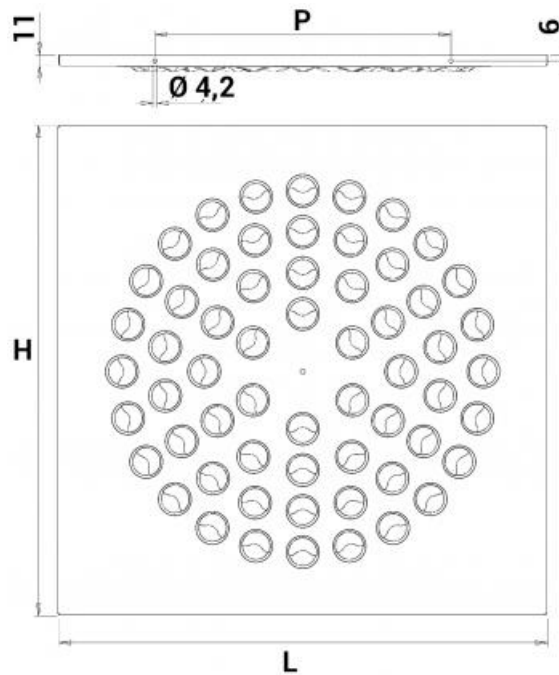
High induction multi-nozzle diffusers suitable for installation in rooms with a height between 2.5 and 4 m, both in heating and cooling mode.

## Accessories

- EPZ-EDE galvanised plenum with damper and fixing bracket;
- EPZ-EDE-EQ galvanised plenum with damper, fixing bracket and equaliser;
- EPI-EDE insulated plenum with damper and fixing bracket;
- EPI-EDE-EQ insulated plenum with damper, fixing bracket and equaliser;
- screw and cap.

## On request

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



## Dimensions

all dimensions are expressed in mm

model	L	H	P
400	395	395	200
500	495	495	300
600	595	595	400

## Operating data

Vk: effective speed (m/s)

m<sup>3</sup>/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 cross-section m <sup>2</sup>	Vk (m/s)	3	4	5	6	8	number of nozzles
			m <sup>3</sup> /h	L(m)	m <sup>3</sup> /h	L(m)	m <sup>3</sup> /h	
400	0,0041	45	60	75	90	120	18	
		0,9	1,2	1,5	1,8	2,4		
500	0,0083	90	120	150	180	240	36	
		1,2	1,6	2	2,4	3,2		
600	0,0138	150	200	250	300	400	60	
		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 dimensions



plenum model	Compatible air diffuser type	External dimensions L1 x H1	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	euro	euro	euro

### Price list for plenum with lateral connection

Plenum with top connection, price on request

Item normally available from stock				
Model	Description	400	500	600
EPZ-EDE	Galvanised plenum with damper and fixing bracket	euro	euro	euro
EPZ-EDE-EQ	Galvanised plenum with damper, fixing bracket and equaliser	▼	▼	▼
EPI-EDE	INSULATED galvanised plenum with damper and fixing bracket	▼	▼	▼
EPI-EDE-EQ	INSULATED galvanised plenum with damper, fixing bracket and equaliser	▼	▼	▼
<b>SCREW AND CAP</b>				▼