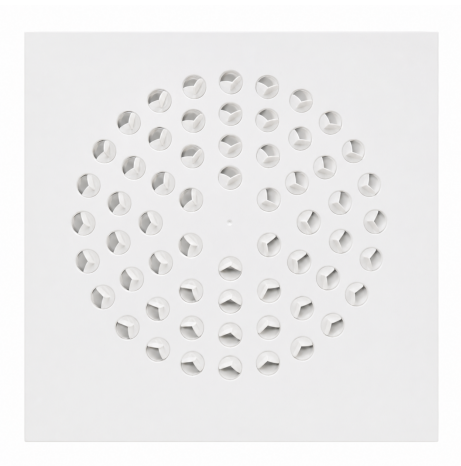


# EDQMC Multi-nozzle Diffusers



## 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.

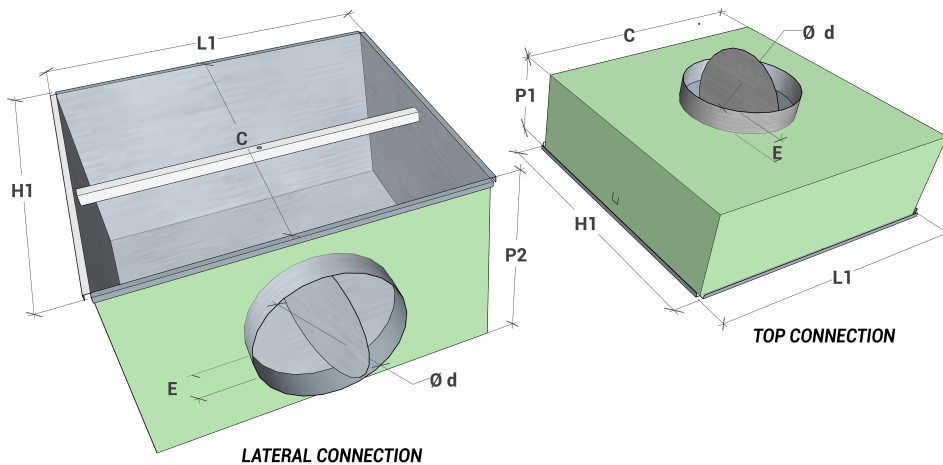
| Technical Drawing | Model | L   | H   | P   |
|-------------------|-------|-----|-----|-----|
|                   | 400   | 395 | 395 | 200 |
|                   | 500   | 495 | 495 | 300 |
|                   | 600   | 595 | 595 | 400 |

## 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 | -   | -   | -   |

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                  | -   | -   | -   |
| 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        | -   | -   | -   |
|            | Screw and Cap                                                          | -   |     |     |