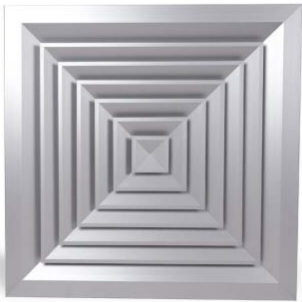


EDQ 19-22 Multidirectional rectangular diffusers - models from 19 to 22



**Description**

Multidirectional rectangular diffusers with removable cones.

**Characteristics**

Material: aluminium.  
Finish: natural anodised.  
Installation: fastening by means of non-visible screws.

**Use**

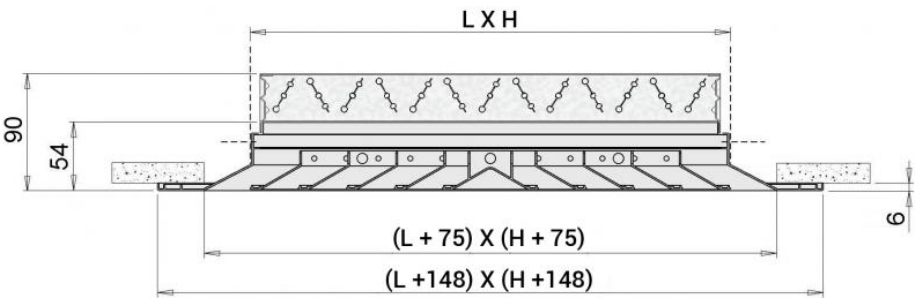
Very versatile diffuser, especially suitable in systems where it is necessary to control the air throw in specific directions.

**On request**

White RAL 9016 painting or other RAL colours.

**Accessories**

- SC galvanised steel regulation damper with blades with opposing movement.
- EPZ-EDQ galvanised steel plenum.
- EPI-EDQ galvanised steel insulated plenum.



Operating data EDQ19

Vk: effective speed (m/s)  
m³/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

all dimensions are expressed in mm.

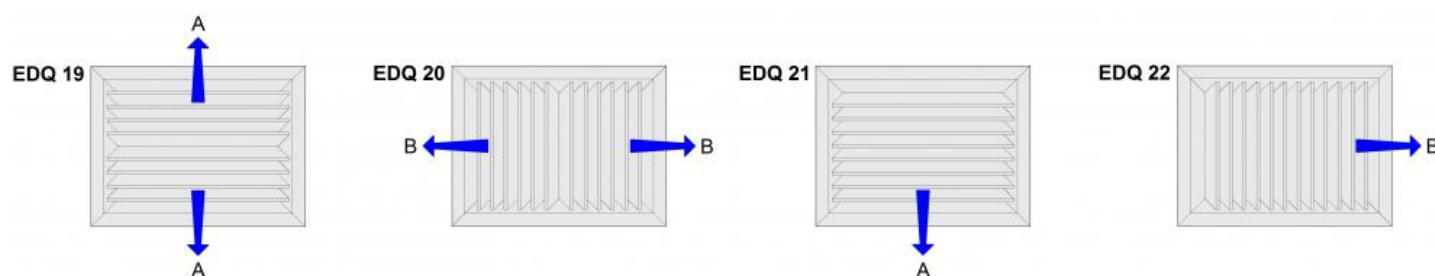
| dimensions LxH | Vk (m/s)                   | 3     |      | 4     |      | 5     |      | 6     |      |
|----------------|----------------------------|-------|------|-------|------|-------|------|-------|------|
|                | effective cross-section m² | m³/h  | L(m) | m³/h  | L(m) | m³/h  | L(m) | m³/h  | L(m) |
| 225x150        | 0,013                      | 140   | 3    | 188   | 3,6  | 234   | 4,7  | 280   | 6    |
| 300x150        | 0,018                      | 195   | 3,5  | 260   | 4,5  | 324   | 5,6  | 390   | 6,5  |
| 375x150        | 0,022                      | 238   | 3,8  | 316   | 5,2  | 396   | 6,3  | 475   | 7,5  |
| 300x225        | 0,027                      | 292   | 4,4  | 389   | 5,6  | 486   | 7    | 584   | 8,8  |
| 375x225        | 0,032                      | 345   | 4,5  | 460   | 5,8  | 576   | 7,2  | 692   | 9    |
| 450x225        | 0,034                      | 367   | 4,7  | 490   | 6    | 612   | 7,8  | 735   | 9,2  |
| 525x225        | 0,044                      | 475   | 5    | 633   | 6,8  | 792   | 8,2  | 950   | 10   |
| 375x300        | 0,040                      | 432   | 5    | 576   | 6,8  | 720   | 8,2  | 864   | 10   |
| 450x300        | 0,048                      | 518   | 5,5  | 691   | 7,1  | 864   | 9    | 1036  | 11   |
| 525x300        | 0,056                      | 605   | 5,9  | 806   | 7,5  | 1008  | 9,6  | 1210  | 11,6 |
| 600x300        | 0,066                      | 712   | 6,3  | 950   | 7,8  | 1188  | 10,2 | 1425  | 12   |
| pressure drop  | Pa                         | 5     |      | 10    |      | 15    |      | 20    |      |
| noise level    | dB(A)                      | 20/25 |      | 30/35 |      | 35/40 |      | 40/45 |      |

Operating data EDQ20

Vk: effective speed (m/s)  
m³/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

all dimensions are expressed in mm.

| dimensions LxH | Vk (m/s)                               | 3                 |      | 4                 |      | 5                 |      | 6                 |      |
|----------------|----------------------------------------|-------------------|------|-------------------|------|-------------------|------|-------------------|------|
|                | effective cross-section m <sup>2</sup> | m <sup>3</sup> /h | L(m) | m <sup>3</sup> /h | L(m) | m <sup>3</sup> /h | L(m) | m <sup>3</sup> /h | L(m) |
| 225x150        | 0,013                                  | 140               | 3    | 188               | 3,6  | 234               | 4,7  | 280               | 6    |
| 300x150        | 0,018                                  | 195               | 3,5  | 260               | 4,5  | 324               | 5,6  | 390               | 6,5  |
| 375x150        | 0,022                                  | 238               | 3,8  | 316               | 5,2  | 396               | 6,3  | 475               | 7,5  |
| 300x225        | 0,027                                  | 292               | 4,4  | 389               | 5,6  | 486               | 7    | 584               | 8,8  |
| 375x225        | 0,032                                  | 345               | 4,5  | 460               | 5,8  | 576               | 7,2  | 692               | 9    |
| 450x225        | 0,034                                  | 367               | 4,7  | 490               | 6    | 612               | 7,8  | 735               | 9,2  |
| 525x225        | 0,044                                  | 475               | 5    | 633               | 6,8  | 792               | 8,2  | 950               | 10   |
| 375x300        | 0,040                                  | 432               | 5    | 576               | 6,8  | 720               | 8,2  | 864               | 10   |
| 450x300        | 0,048                                  | 518               | 5,5  | 691               | 7,1  | 864               | 9    | 1036              | 11   |
| 525x300        | 0,056                                  | 605               | 5,9  | 806               | 7,5  | 1008              | 9,6  | 1210              | 11,6 |
| 600x300        | 0,066                                  | 712               | 6,3  | 950               | 7,8  | 1188              | 10,2 | 1425              | 12   |
| pressure drop  | Pa                                     | 5                 |      | 10                |      | 15                |      | 20                |      |
| noise level    | dB(A)                                  | 20/25             |      | 30/35             |      | 35/40             |      | 40/45             |      |



### Operating data EDQ21 EDQ22

Vk: effective speed (m/s)

m<sup>3</sup>/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

all dimensions are expressed in mm.

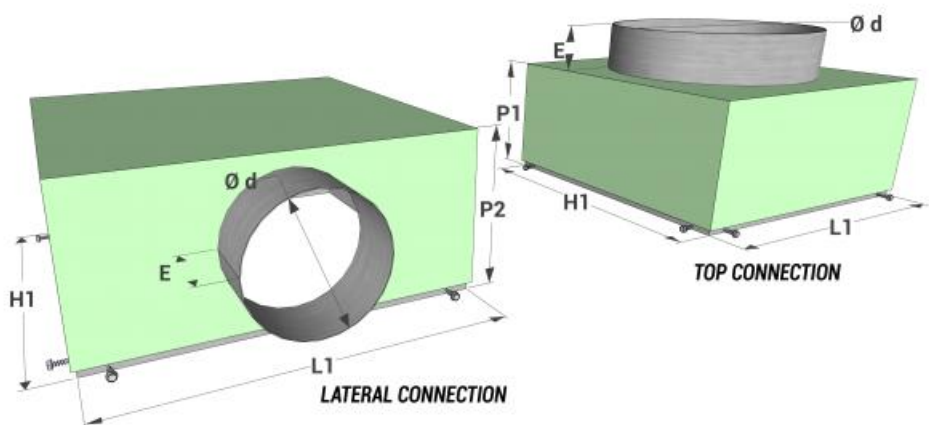
| dimensions LxH | Vk (m/s)                               | 3                 |      | 4                 |      | 5                 |      | 6                 |      |
|----------------|----------------------------------------|-------------------|------|-------------------|------|-------------------|------|-------------------|------|
|                | effective cross-section m <sup>2</sup> | m <sup>3</sup> /h | L(m) | m <sup>3</sup> /h | L(m) | m <sup>3</sup> /h | L(m) | m <sup>3</sup> /h | L(m) |
| 225x150        | 0,013                                  | 140               | 4,1  | 188               | 5,6  | 234               | 6,8  | 280               | 8,2  |
| 300x150        | 0,018                                  | 195               | 5    | 260               | 6,2  | 324               | 8,2  | 390               | 9,4  |
| 375x150        | 0,022                                  | 238               | 5,2  | 316               | 7    | 396               | 9    | 475               | 10,6 |
| 300x225        | 0,027                                  | 292               | 6    | 389               | 8    | 486               | 10   | 584               | 11   |
| 375x225        | 0,032                                  | 345               | 6,2  | 460               | 8,5  | 576               | 10   | 692               | 12,4 |
| 450x225        | 0,034                                  | 367               | 6,4  | 490               | 7    | 612               | 10,4 | 735               | 12,6 |
| 525x225        | 0,044                                  | 475               | 7    | 633               | 9,6  | 792               | 12,8 | 950               | 15   |
| 375x300        | 0,040                                  | 432               | 7    | 576               | 9,6  | 720               | 12,8 | 864               | 15   |
| 450x300        | 0,048                                  | 518               | 7,6  | 691               | 9,8  | 864               | 13   | 1036              | 15   |
| 525x300        | 0,056                                  | 605               | 8    | 806               | 10   | 1008              | 13,2 | 1210              | 15,2 |
| 600x300        | 0,066                                  | 712               | 8,4  | 950               | 10,2 | 1188              | 13,4 | 1425              | 15,5 |
| pressure drop  | Pa                                     | 5                 |      | 10                |      | 15                |      | 20                |      |
| noise level    | dB(A)                                  | 20/25             |      | 30/35             |      | 35/40             |      | 40/45             |      |

### SC calibration damper

Galvanised steel regulation damper with blades with opposing movement.



### Plenum



| EDQ     | L1 x H1 | Ø d | P1  | P2  | E  |
|---------|---------|-----|-----|-----|----|
| 225X150 | 225X150 | 125 | 200 | 245 | 50 |
| 300X150 | 300X150 | 150 | 200 | 270 | 50 |
| 375X150 | 375X150 | 150 | 200 | 270 | 50 |
| 300X225 | 300X225 | 200 | 200 | 320 | 50 |
| 375X225 | 375X225 | 200 | 200 | 320 | 50 |
| 450X225 | 450X225 | 200 | 200 | 320 | 50 |
| 525X225 | 525X225 | 300 | 200 | 370 | 50 |
| 375X300 | 375X300 | 250 | 200 | 370 | 50 |
| 450X300 | 450X300 | 250 | 200 | 370 | 50 |
| 525X300 | 525X300 | 250 | 200 | 370 | 50 |
| 600X300 | 600X300 | 300 | 200 | 400 | 50 |
| 450X375 | 450X375 | 300 | 200 | 400 | 50 |
| 600X375 | 600X375 | 300 | 200 | 400 | 50 |
| 600X450 | 600X450 | 300 | 200 | 400 | 50 |

## Price list

Note: painted white RAL 9016 + 20%.

| dimension AxB | EDQ19 | EDQ20 | EDQ21 | EDQ22 |
|---------------|-------|-------|-------|-------|
|               | euro  | euro  | euro  | euro  |
| 225X150       | ▼     | ▼     | ▼     | ▼     |
| 300X150       | ▼     | ▼     | ▼     | ▼     |
| 375X150       | ▼     | ▼     | ▼     | ▼     |
| 300X225       | ▼     | ▼     | ▼     | ▼     |
| 375X225       | ▼     | ▼     | ▼     | ▼     |
| 450X225       | ▼     | ▼     | ▼     | ▼     |
| 525X225       | ▼     | ▼     | ▼     | ▼     |
| 375X300       | ▼     | ▼     | ▼     | ▼     |
| 450X300       | ▼     | ▼     | ▼     | ▼     |
| 525X300       | ▼     | ▼     | ▼     | ▼     |
| 600X300       | ▼     | ▼     | ▼     | ▼     |
| 450X375       | ▼     | ▼     | ▼     | ▼     |
| 600X375       | ▼     | ▼     | ▼     | ▼     |
| 600X450       | ▼     | ▼     | ▼     | ▼     |

## Accessories

Item normally available from stock

| dimensions HxL | damper SC | lateral connection |                 | top connection    |                 |
|----------------|-----------|--------------------|-----------------|-------------------|-----------------|
|                |           | galvanized plenum  | isolated plenum | galvanized plenum | isolated plenum |
|                |           | EPZ-EDQ            | EPI-EDQ         | EPZ-EDQ           | EPI-EDQ         |
|                | euro      | euro               | euro            | euro              | euro            |
| 225X150        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 300X150        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 375X150        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 300X225        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 375X225        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 450X225        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 525X225        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 375X300        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 450X300        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 525X300        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 600X300        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 450X375        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 600X375        | ▼         | ▼                  | ▼               | ▼                 | ▼               |
| 600X450        | ▼         | ▼                  | ▼               | ▼                 | ▼               |