

# EGQR-PUSH Exhaust egg crate grille 13x13 mm with filter and internal frame 15 mm



**Description**

Exhaust egg crate grille 13x13 mm for false ceiling, with double frame (internal 15 mm) and hinge opening and push-pull system for easy filter installation and replacement.

**Characteristics**

Material: aluminium.  
Finish: natural anodised.  
Filter: COARSE class (G2) thickness 10 mm.  
Opening/closing: with push-pull system.

**Installation**

Installation is carried out by securing the external frame of the grille to the wall using screws or resting on the structure for 600x600 mm panel false ceilings.

**Use**

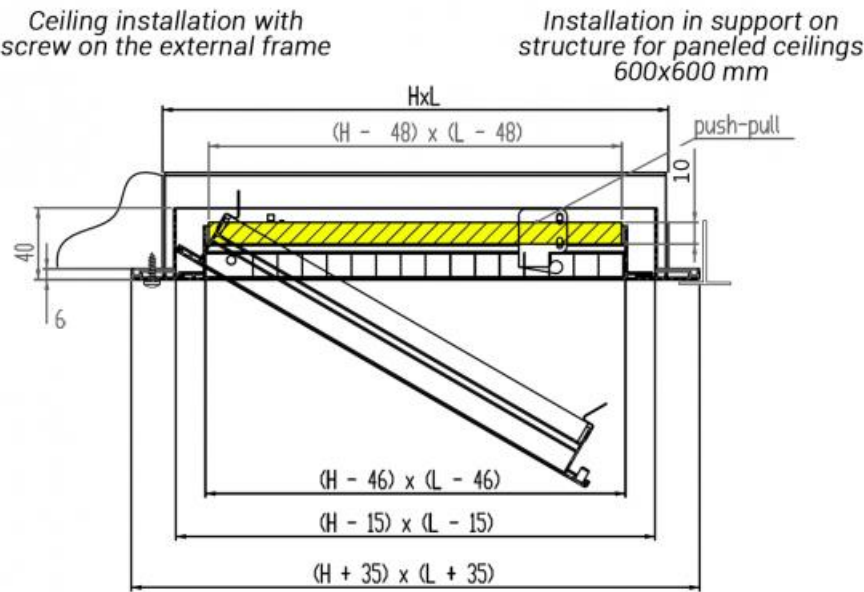
For external or indoor air exhaust where dust pre-filtration is recommended.  
Initial pressure drop lower than 40Pa with 1.5 m/s speed on the filter.

**Accessories**

- EPZ galvanised plenum;
- EPI insulated plenum.

**On request**

White RAL 9016 painting or other RAL colours.



## Operating data

m<sup>3</sup>/h: flow rate  
Pa: pressure drops in Pascal  
dB(A): noise level

An air velocity on the filter of 1.5 m/s is recommended to contain pressure drops and maintain filtration efficiency; the flow rate data in the table refers to the grille with the filter.

All dimensions are expressed in mm.

| model     | external frame size | effective filter section<br>m <sup>2</sup> | Front speed on the filter |  | air flow rate     |
|-----------|---------------------|--|---------------------------|--|-------------------|
|           | mm                  |  | m/s                       |  | m <sup>3</sup> /h |
| EGQR-PUSH | 595x595             | 0,238                                      | 1,5                       |  | 1285              |
|           |                     |  | 2                         |  | 1713              |

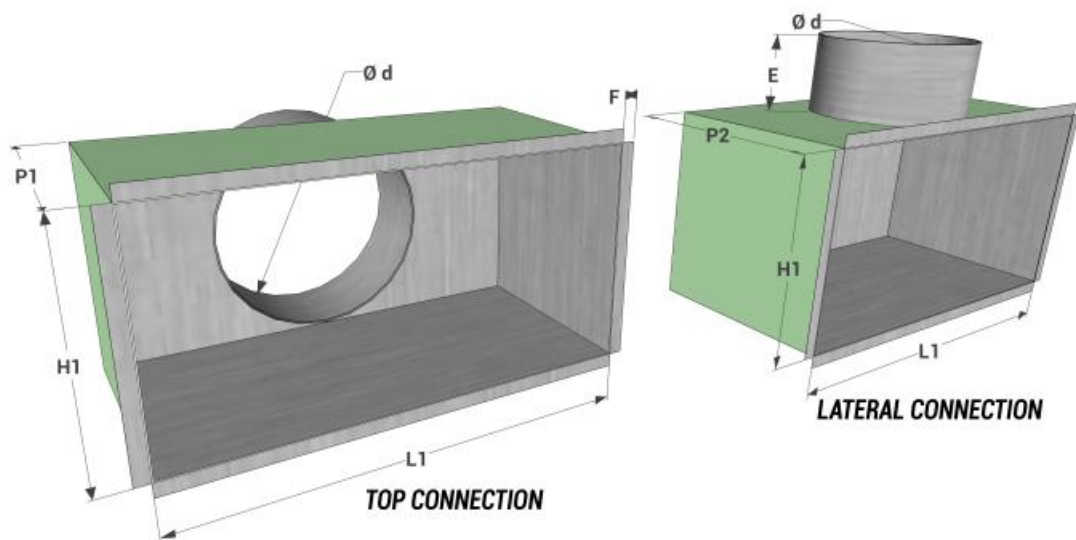
## Noise level dB(A)

| V m/s | dB(A) |
|-------|-------|
| 1,5   | <20   |
| 2     | 20/25 |

## Pressure drop (Pa)

| V m/s | Pa    |
|-------|-------|
| 1,5   | 25/30 |
| 2     | 45/50 |

## Plenum



All measurements are expressed in mm

| model L1 x H1 | P2  | lateral connection |     | E  | F  |
|---------------|-----|--------------------|-----|----|----|
|               |     | no. connections    | Ø d |    |    |
| 560x560       | 300 | 1                  | 250 | 80 | 12 |

#### Pèrice list

Painted white RAL 9016 + 20%

| model     | external frame dimensions | euro     |
|-----------|---------------------------|----------|
|           | mm                        |          |
| EGQR-PUSH | 595x595                   | 160,25 ∨ |

#### Plenum

Item normally available from stock

| dimensions | lateral connection    |                     |
|------------|-----------------------|---------------------|
|            | EPZ galvanized plenum | EPI isolated plenum |
| L1xH1      | <b>euro</b>           | <b>euro</b>         |
| 560x560    | 91,11 ~               | 123,09 ~            |