

Perforated Grills



ECOVENT AIR SYSTEMS
INNOVATIVE AIR SOLUTIONS



Perforated grille with filter and internal frame 15 mm



Description

Exhaust perforated face grille with double hinged opening frame (15 mm internal), with push-pull system to facilitate the storage and filter replacement.

Characteristics

Perimetric aluminium frame.
Galvanized steel panel.
Finish: white RAL 9016.
Installation: resting on a false ceiling structure.
Filter: COARSE class (G2) thickness 12 mm.
Opening closing: push-pull system.

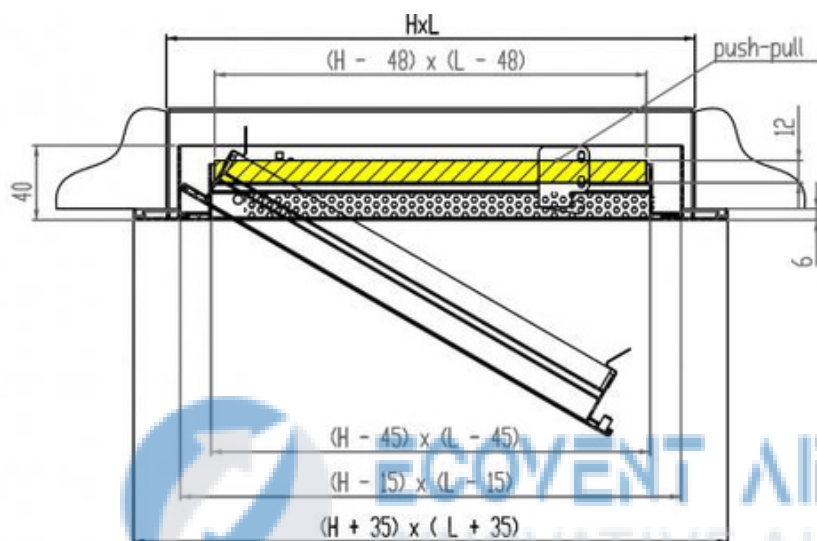
The perforated mesh is made according to the following specifications:
- 60 ° alternating round holes;
- empty / full ratio 46%;
- diameter of holes 5mm;
- distance between centers 7mm.

Use

Suitable for the air extraction in environments where pre-filtration of air is recommended. We recommend not to exceed the front speed of 1,5 m/s. Initial pressure drop lower than 40Pa.

On demand

RAL colors of your choice.



Operating data

The air speed on the filter of 1,5 m/s is recommended to contain pressure drops and maintain filtration efficiency; the air flow data in the table refer to the grill with the filter.

All dimensions are expressed in mm

model	external frame size	effective filter section	front speed on the filter	air flow rate
	mm	m2	m/s	m3/h
EGFS-PUSH	595x595	0,238	1,5	1285
			2	1713

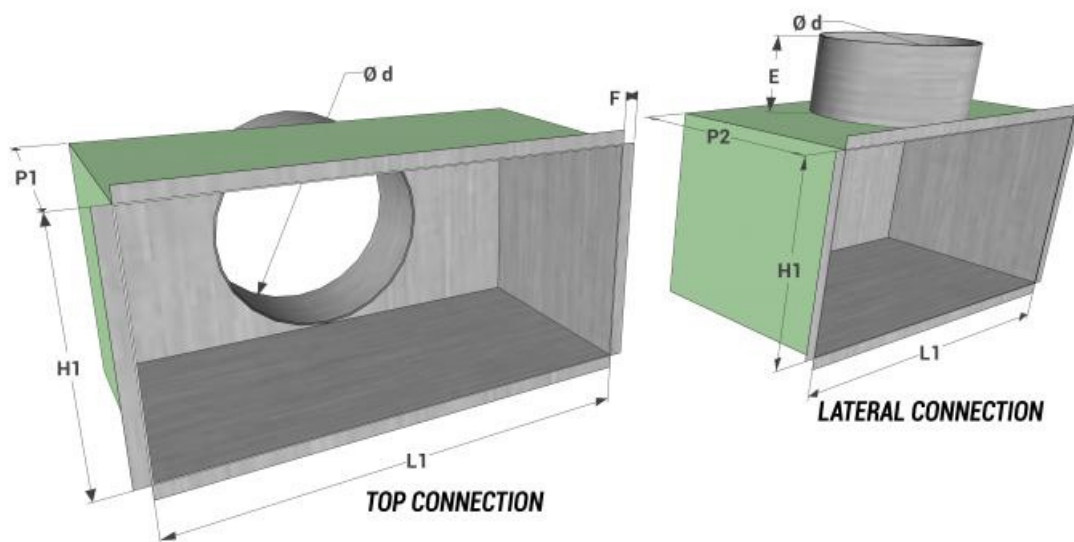
Noise level dB(A)

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

Pressure drop (Pa)

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

Plenum



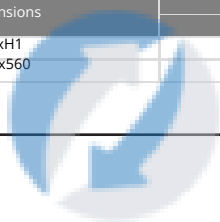
model L1 x H1	side air connection				E	F
	P2	n° connection	Ø d			
560x560	30	1	25		8	1
	0		0		0	2

Price list

model	external frame size	euro
	mm	
EGFS-PUSH	595x595	148,02

Plenum

dimensions	side air connection		
	EPZ galvanized plenum	EPI isolated plenum	
L1xH1 560x560	euro a.r.	euro a.r.	



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