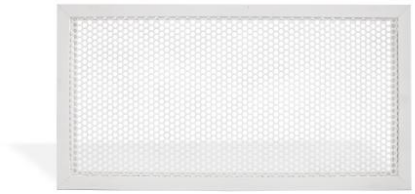
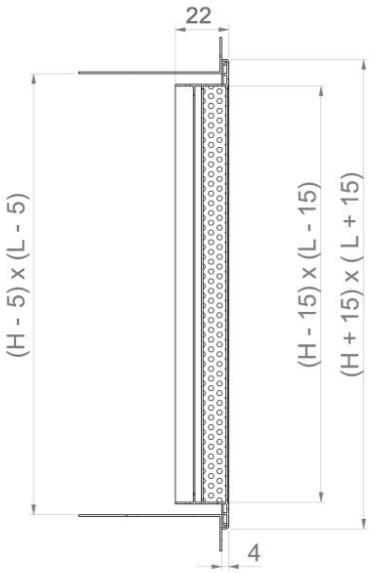
EGFR Perforated grilles with 15 mm frame



Description

Air supply and exhaust grilles with perforated panel, with 15 mm frame.



Characteristics

Aluminium perimeter frame.
Galvanised steel panel.
Finish: painted white RAL 9016.
Installation: magnet fastening.

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

Use

For air exhaust in rooms.

Accessories

- EPZR galvanised plenum;
- EPIR insulated plenum;
- SC galvanised steel regulation damper with blades with opposing movement.

On request

Painting in different RAL colours.

Effective cross-section

H	L			
	300	400	500	600
	Effective cross-section m²			
300	0,037	0,050	0,064	0,077
400	0,050	0,068	0,086	0,104
500	0,064	0,086	0,108	0,131
600	0,077	0,104	0,131	0,157

Operating data

Vk: effective speed (m/s)
m³/h: flow rate
Pa: pressure drops in Pascal
dB(A): noise level
L: width
H: height
All measurements are expressed in mm.

H	Vk m/s	L			
		300	400	500	600
		flow rate m³/h			
300	2	269	363	458	552
	3	404	545	687	828
	4	538	727	916	1104
400	2	363	491	618	746
	3	545	736	928	1119
	4	727	982	1237	1492
500	2	458	618	779	940
	3	687	928	1169	1410
	4	916	1237	1558	1879
600	2	552	746	940	1133
	3	828	1119	1410	1700
	4	1104	1492	1879	2267

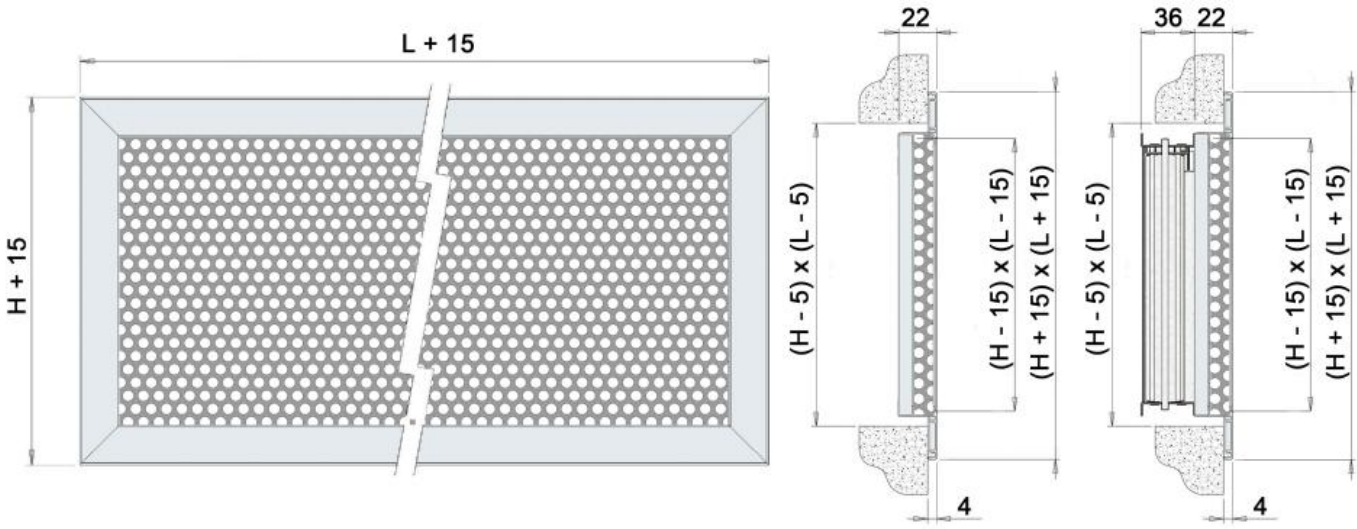
Noise level dB(A)

	V m/s	dB(A)
sound power level	2	20/25
	3	25/30
	4	35/40

Pressure drop (Pa)

	V m/s	Pa
pressure drop	2	15
	3	40
	4	70

Configuration

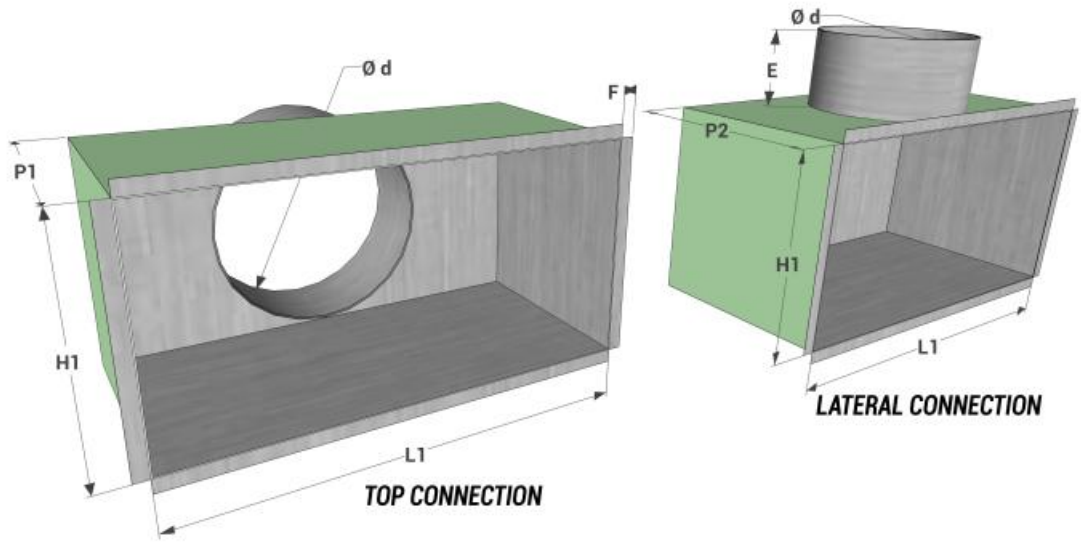


SC regulation damper

Galvanised steel regulation damper with blades with opposing movement.



Plenum



model EGFR	dimensions	top connection			lateral connection			E	F
L x H	L1 x H1	P1	no. connections	Ø d	P2	no. connections	Ø d		
300x300	295x295	200	1	195	300	1	195	80	8
400x300	395x195	200	1	245	300	1	195	80	8
500x300	495x295	200	1	245	350	1	245	80	8
600x300	595x295	200	2	195	300	2	195	80	8
400x400	395x395	200	1	295	400	1	295	80	8
500x400	495x395	200	1	295	400	1	295	80	8
600x400	595x395	200	2	245	350	2	245	80	8
500x500	495x495	200	1	345	450	1	345	80	8
580x580	575x575	200	2	245	350	2	245	80	8
600x500	595x495	200	2	245	350	2	245	80	8
600x600	595x595	200	1	245	450	1	345	80	8

Price list

H	L			
	300	400	500	600
	euro	euro	euro	euro
300	⌄	⌄	⌄	⌄
400	⌄	⌄	⌄	⌄
500	⌄	⌄	⌄	⌄
600	⌄	⌄	⌄	⌄

SC damper				
H	L			
	300	400	500	600
	euro	euro	euro	euro
300	⌄	⌄	⌄	⌄
400	⌄	⌄	⌄	⌄
500	⌄	⌄	⌄	⌄
600	⌄	⌄	⌄	⌄

EGFR model	dimensions	top connection		lateral connection	
		EPZR galvanised plenum	EPIR insulated plenum	EPZR galvanised plenum	EPIR insulated plenum
L x H	L1 x H1	euro	euro	euro	euro
300x300	295x295	⌄	⌄	⌄	⌄
400x300	395x295	⌄	⌄	⌄	⌄
500x300	495x295	⌄	⌄	⌄	⌄
600x300	595x295	⌄	⌄	⌄	⌄
400x400	395x395	⌄	⌄	⌄	⌄
500x400	495x395	⌄	⌄	⌄	⌄
600x400	595x395	⌄	⌄	⌄	⌄
500x500	495x495	⌄	⌄	⌄	⌄
580x580	575x575	⌄	⌄	⌄	⌄
600x500	595x495	⌄	⌄	⌄	⌄
600x600	595x595	⌄	⌄	⌄	⌄