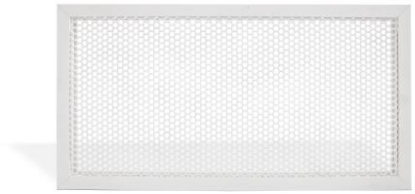
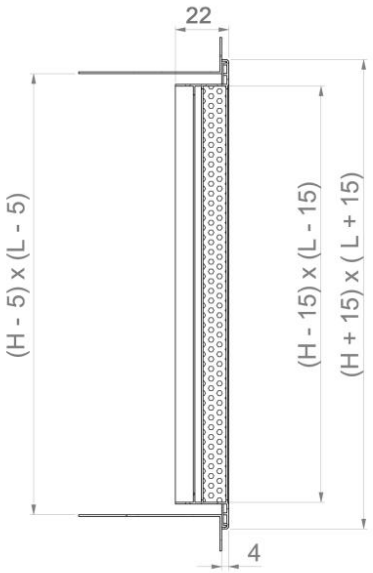
EGFR Perforated grilles with 15 mm frame



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

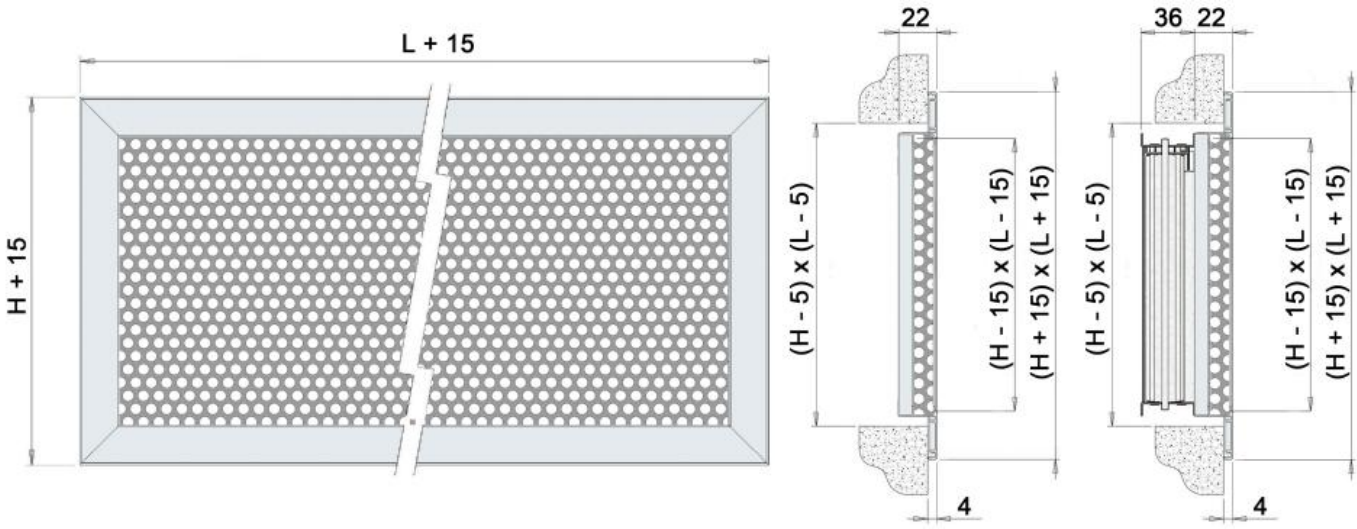
Noise level dB(A)

	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

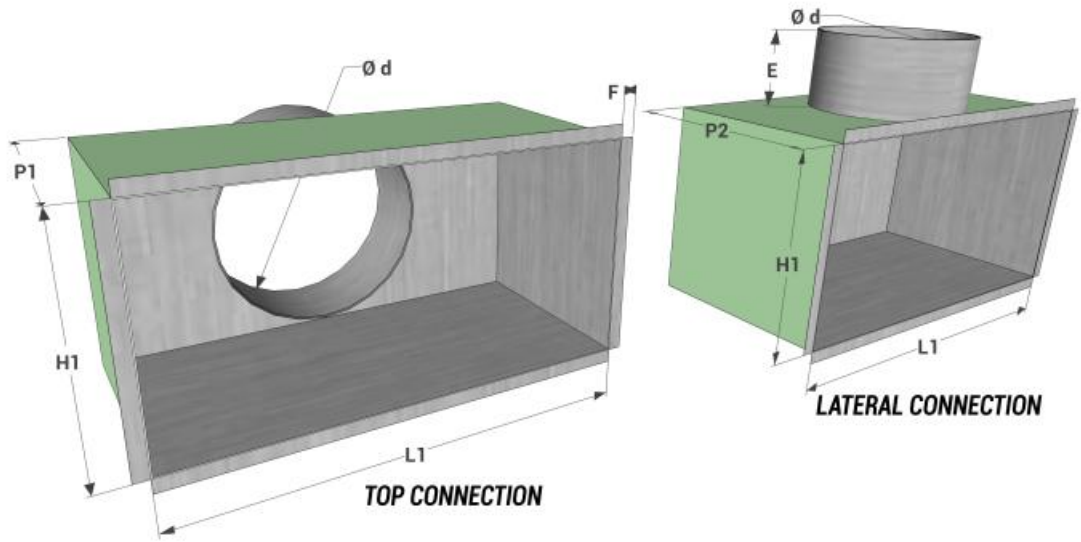


SC regulation damper

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	51,94	58,54	65,76	72,79
400	58,54	67,27	76,40	84,97
500	65,76	76,40	85,84	95,61
600	72,79	84,97	95,61	106,09

SC damper				
H	L			
	300	400	500	600
	euro	euro	euro	euro
300	29,76	36,84	40,56	44,34
400	36,84	42,19	50,96	54,78
500	40,56	50,96	65,57	68,36
600	44,34	54,78	68,36	81,41

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	a.r.	a.r.	a.r.	a.r.
400x300	395x295	a.r.	a.r.	a.r.	a.r.
500x300	495x295	a.r.	a.r.	a.r.	a.r.
600x300	595x295	a.r.	a.r.	a.r.	a.r.
400x400	395x395	a.r.	a.r.	a.r.	a.r.
500x400	495x395	a.r.	a.r.	a.r.	a.r.
600x400	595x395	a.r.	a.r.	a.r.	a.r.
500x500	495x495	a.r.	a.r.	a.r.	a.r.
580x580	575x575	a.r.	a.r.	a.r.	a.r.
600x500	595x495	a.r.	a.r.	a.r.	a.r.
600x600	595x595	a.r.	a.r.	a.r.	a.r.