

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

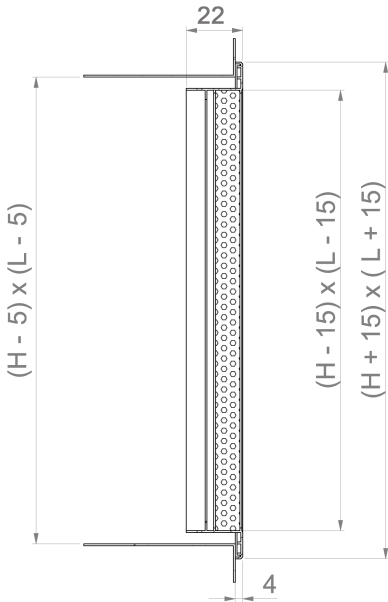
For air exhaust in rooms.

Accessories

- EPZR - Galvanised Plenum Box;
- EPIR - Insulated Plenum Box;
- 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

- m³/h: flow rate.
- Pa: pressure drops in Pascal.
- dB(A): noise level.
- L: width. H: height.

All dimensions 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

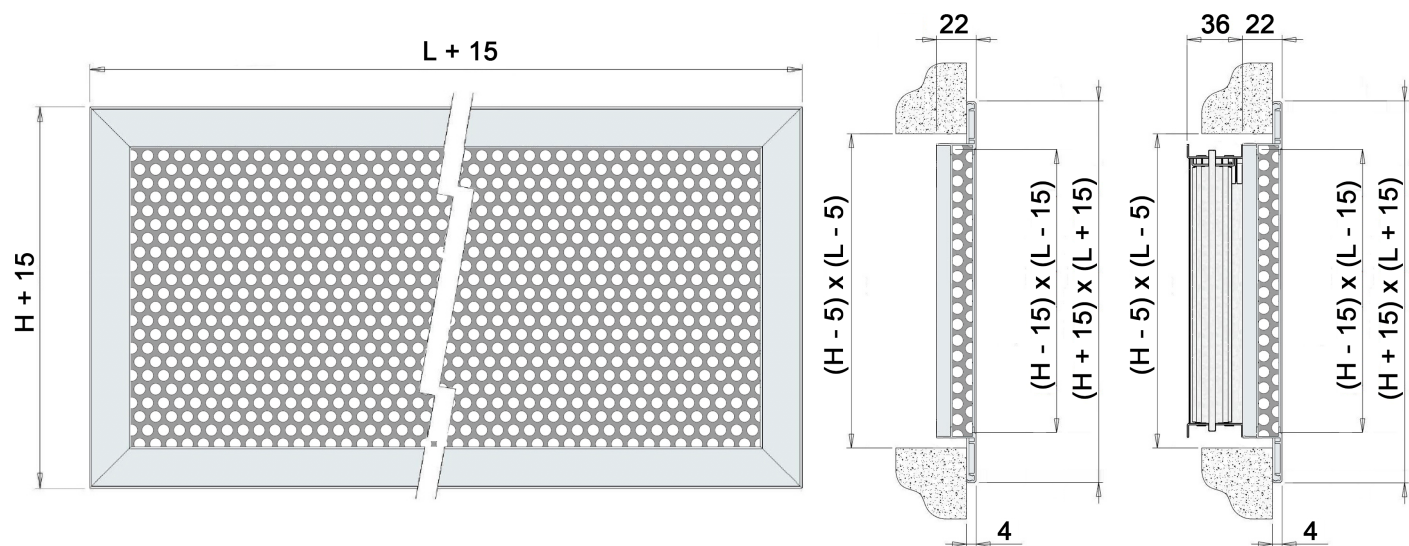
Noise level dB(A)

	V m/s	dB(A)
Sound Power Level	2	20/25
	3	25/30
	4	35/40

Pressure Drop (Pa)

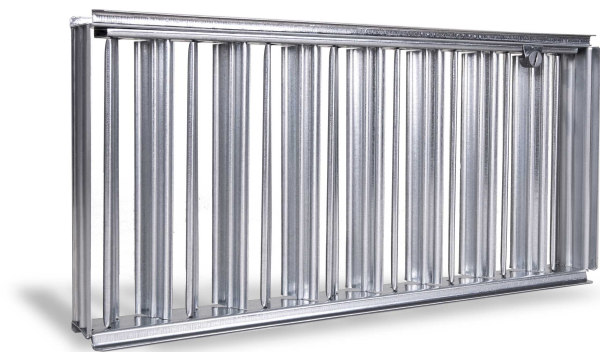
	V m/s	Pa
Pressure Drop	2	15
	3	40
	4	70

Configuration

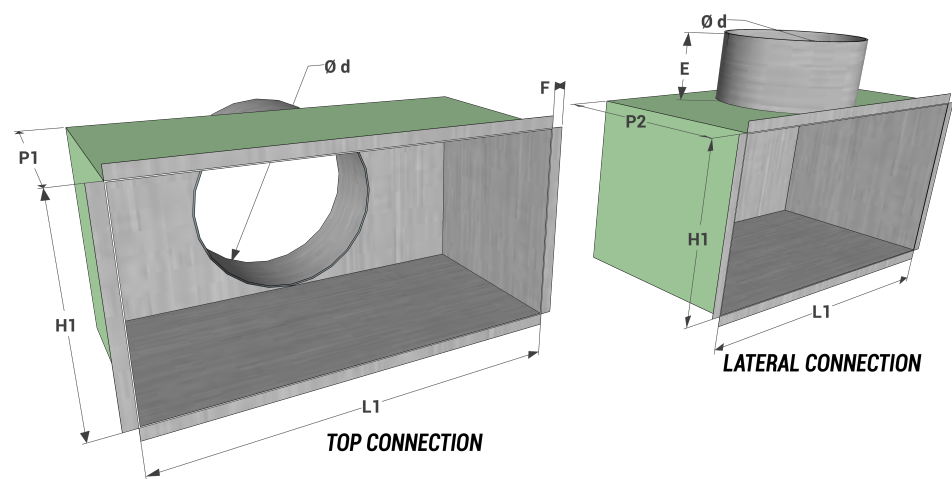


SC - Regulation damper

Galvanised steel regulation damper with blades with opposing movement.



Plenum Box



EGFR	Dimensions	Top Connection			Lateral Connection			E	F
L x H	L1 x H1	P1	Nr. Connections	Ø d	P2	Nr. 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
	Eur	Eur	Eur	Eur
300	-	-	-	-
400	-	-	-	-
500	-	-	-	-
600	-	-	-	-

SC - Volume Damper				
H	L			
	300	400	500	600
	Eur	Eur	Eur	Eur
300	-	-	-	-
400	-	-	-	-
500	-	-	-	-
600	-	-	-	-

EGFR	Dimensions	Top Connection		Lateral Connection	
		EPZR - Galvanised Plenum Box	EPIR - Insulated Plenum Box	EPZR - Galvanised Plenum Box	EPIR - Insulated Plenum Box
L x H	L1 x H1	Eur	Eur	Eur	Eur
300x300	295x295	-	-	-	-
400x300	395x295	-	-	-	-
500x300	495x295	-	-	-	-
600x300	595x295	-	-	-	-
400x400	395x395	-	-	-	-
500x400	495x395	-	-	-	-
600x400	595x395	-	-	-	-
500x500	495x495	-	-	-	-
580x580	575x575	-	-	-	-
600x500	595x495	-	-	-	-
600x600	595x595	-	-	-	-