

EBA Supply aluminium grilles 20 mm pitch



Description

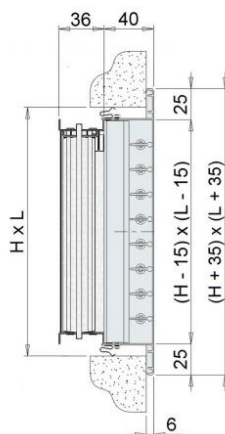
Supply air jet with 1 or 2 rows of individually adjustable blades

Characteristics

Material: aluminium.
Finish: natural anodised.
Installation: clip fastening.

Dimensions achievable in one piece:

- min. base 100 mm x height 100 mm.
- max. with base from 100 mm to 1000 mm x height 1000 mm
- max. with base from >1000 mm to 2000 mm x height 600mm.



Use

For air supply with wall or duct installation in ventilation and air conditioning systems.

Models

EBA/VO with 2 rows of vertical and horizontal blades;
EBA/OV with 2 rows of horizontal and vertical blades;
EBA/V with 1 row of vertical blades;
EBA/O with 1 row of horizontal blades.

Example: the VO version has the first vertical row near the front and the second horizontal row inside the air jet.

Accessories

- EPZ galvanised plenum;
- EPI insulated plenum;
- SC galvanised steel regulation damper with blades with opposing movement;
- CT galvanised steel counter-frame to set into wall.

On request

White RAL 9016 painting or other RAL colours.
Holes on frame for installation with screws.

Operating data

Vk: effective speed (m/s)

m³/h: flow rate

Pa: pressure drops in Pascal

L1 (m): air throw of air jet without damper, with a blade deflection of 0°, with coanda (ceiling) effect, terminal velocity 0.25 m/s and Tmax 15°C

dB(A): noise level

All dimensions are expressed in mm

dimension LxH	effective cross-section	m³/h	L1	m³/h	L1	dimension LxH	effective cross-section	m³/h	L1	m³/h	L1
	m²						m²				
200x100	0,013	100	3	160	5	500x200	0,071	560	7.5	900	10
300x100	0,018	140	3.7	230	5,6	600x200	0,086	682	10	1080	11
400x100	0,025	200	4.5	320	6,8	700x200	0,100	792	10,2	1260	12
500x100	0,033	260	6	420	8	800x200	0,115	910	10.3	1450	13
600x100	0,042	335	6.8	500	9	1000x200	0,145	1150	10	1830	15.6
700x100	0,053	420	7,7	667	11,9	300x300	0,058	460	5.8	730	9
200x150	0,020	160	3.6	240	5.4	400x300	0,085	670	6.8	1070	10
300x150	0,029	230	4.1	370	7	500x300	0,110	870	8.1	1380	12
400x150	0,039	310	4.3	500	8	600x300	0,136	1080	9.6	1730	15
500x150	0,051	400	5	640	9	700x300	0,158	1250	10	1990	15,5
600x150	0,059	470	5.8	750	9.5	800x300	0,178	1410	10.5	2250	16
700x150	0,078	617	8,9	982	13,9	1000x300	0,226	1790	13	2860	18
800x150	0,086	682	6	1083	11	400x400	0,115	910	8	1430	12
200x200	0,026	200	4	300	6	600x400	0,180	1430	11	2290	17
300x200	0,044	350	5.8	550	8	700x400	0,210	1660	11,5	2645	17,5
400x200	0,057	450	6.5	720	9	800x400	0,245	1940	12	3080	18
						1000x400	0,310	2460	16	3940	20
Vk (m/s)		2.2		3.5		Vk (m/s)		2.2		3.5	

Noise level dB(A)

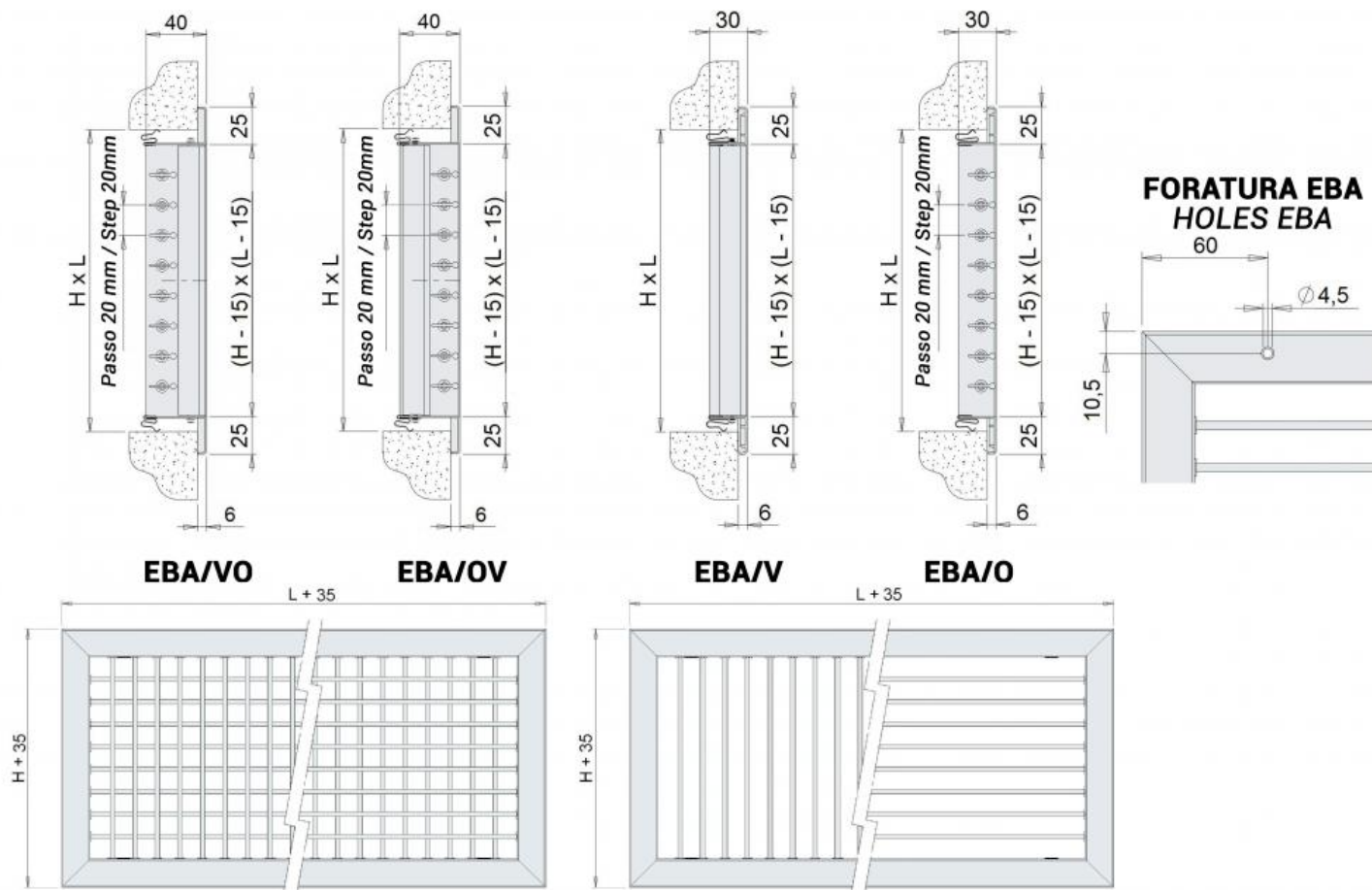
Vk m/s	defl. 0°	defl. 20°	defl. 40°
	dB(A)	dB(A)	dB(A)
2.2	15/20	18/23	20/25
3.5	20/25	23/28	25/30

Pressure drop (Pa)

Vk m/s	defl. 0°	defl. 20°	defl. 40°
	Pa	Pa	Pa
2.2	4	5.5	7
3.5	9	13	16

Configuration

All dimensions are expressed in mm.



SC regulation damper

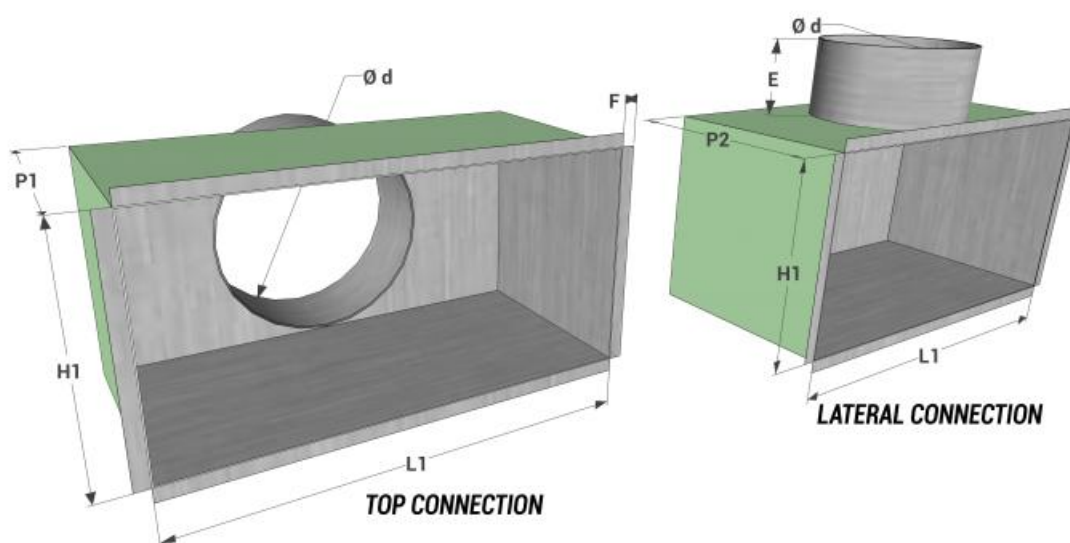
Galvanised steel regulation damper with blades with opposing movement.



Counterframe CT



Plenum



model L1 x H1	top connection			lateral connection			E	F	model L1 x H1	top connection			lateral connection			E	F
	P1	no. connections	Ø d	P2	no. connections	Ø d				P1	no. connections	Ø d	P2	no. connections	Ø d		
200x100	200	1	98	200	1	98	80	12	500x200	200	1	198	300	1	198	80	12
300x100	200	1	98	200	1	98	80	12	600x200	200	2	198	300	2	198	80	12
400x100	200	2	98	200	2	98	80	12	700x200	200	2	198	300	2	198	80	12
500x100	200	2	98	200	2	98	80	12	800x200	200	2	198	300	2	198	80	12
600x100	200	2	98	200	2	98	80	12	1000x200	200	2	198	300	2	198	80	12
700x100	200	2	98	200	2	98	80	12	300x300	200	1	248	350	1	248	80	12
200x150	200	1	148	200	1	148	80	12	400x300	200	1	248	350	1	248	80	12
300x150	200	1	148	250	1	148	80	12	500x300	200	1	248	350	1	248	80	12
400x150	200	1	148	250	1	148	80	12	600x300	200	2	198	350	2	248	80	12
500x150	200	2	148	250	2	148	80	12	700x300	200	2	198	350	2	248	80	12
600x150	200	2	148	250	2	148	80	12	800x300	200	2	248	350	2	248	80	12
700x150	200	2	148	250	2	148	80	12	1000x300	200	2	248	350	2	248	80	12
800x150	200	2	148	250	2	148	80	12	400x400	200	1	298	350	1	298	80	12
200x200	200	1	198	300	1	198	80	12	600x400	200	2	198	350	2	248	80	12
300x200	200	1	198	300	1	198	80	12	800x400	200	2	298	350	2	298	80	12
400x200	200	1	198	300	1	198	80	12	700x400	200	2	298	350	2	298	80	12
									1000x400	200	2	298	400	2	298	80	12

Price list

Note: white painted + 20 %

Item normally available from stock

dimension	EBA-VO	EBA-OV	EBA-O	EBA-V
LxH	euro	euro	euro	euro
200x100	▼	▼	▼	▼
300x100	▼	▼	▼	▼
400x100	▼	▼	▼	▼
500x100	▼	▼	▼	▼
600x100	▼	▼	▼	▼
700x100	▼	▼	▼	▼
200x150	▼	▼	▼	▼
300x150	▼	▼	▼	▼
400x150	▼	▼	▼	▼
500x150	▼	▼	▼	▼
600x150	▼	▼	▼	▼
700x150	▼	▼	▼	▼
800x150	▼	▼	▼	▼
200x200	▼	▼	▼	▼
300x200	▼	▼	▼	▼
400x200	▼	▼	▼	▼
500x200	▼	▼	▼	▼
600x200	▼	▼	▼	▼
700x200	▼	▼	▼	▼

Dimensions expressed in mm

Item normally available from stock				
dimension	EBA-VO	EBA-OV	EBA-O	EBA-V
LxH	euro	euro	euro	euro
800x200	▼	▼	▼	▼
1000x200	▼	▼	▼	▼
300x300	▼	▼	▼	▼
400x300	▼	▼	▼	▼
500x300	▼	▼	▼	▼
600x300	▼	▼	▼	▼
700x300	▼	▼	▼	▼
800x300	▼	▼	▼	▼
1000x300	▼	▼	▼	▼
400x400	▼	▼	▼	▼
600x400	▼	▼	▼	▼
700x400	▼	▼	▼	▼
800x400	▼	▼	▼	▼
1000x400	▼	▼	▼	▼

Accessories

Item normally available from stock						
dimensions	top connection		lateral connection		damper SC	counter-frame CT
	EPZ galvanised plenum	EPI isolated plenum	EPZ galvanized plenum	EPI isolated plenum		
L1xH1	euro	euro	euro	euro	euro	euro
200x100	▼	▼	▼	▼	▼	▼
300x100	▼	▼	▼	▼	▼	▼
400x100	▼	▼	▼	▼	▼	▼
500x100	▼	▼	▼	▼	▼	▼
600x100	▼	▼	▼	▼	▼	▼
700x100	▼	▼	▼	▼	▼	a.r.
200x150	▼	▼	▼	▼	▼	▼
300x150	▼	▼	▼	▼	▼	▼
400x150	▼	▼	▼	▼	▼	▼
500x150	▼	▼	▼	▼	▼	▼
600x150	▼	▼	▼	▼	▼	▼
700x150	▼	▼	▼	▼	▼	a.r.
800x150	▼	▼	▼	▼	▼	▼
200x200	▼	▼	▼	▼	▼	▼
300x200	▼	▼	▼	▼	▼	▼
400x200	▼	▼	▼	▼	▼	▼
500x200	▼	▼	▼	▼	▼	▼
600x200	▼	▼	▼	▼	▼	▼
700x200	▼	▼	▼	▼	▼	a.r.

Item normally available from stock						
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dimensions	top connection		lateral connection		damper SC	counter-frame CT
	EPZ galvanized plenum	EPI isolated plenum	EPZ galvanized plenum	EPI isolated plenum		
L1xH1	euro	euro	euro	euro	euro	euro
800x200	✓	✓	✓	✓	✓	✓
1000x200	✓	✓	✓	✓	✓	✓
300x300	✓	✓	✓	✓	✓	✓
400x300	✓	✓	✓	✓	✓	✓
500x300	✓	✓	✓	✓	✓	✓
600x300	✓	✓	✓	✓	✓	✓
700x300	✓	✓	✓	✓	✓	a.r.
800x300	✓	✓	✓	✓	✓	✓
1000x300	✓	✓	✓	✓	✓	✓
400x400	✓	✓	✓	✓	✓	✓
600x400	✓	✓	✓	✓	✓	✓
700x400	✓	✓	✓	✓	✓	a.r.
800x400	✓	✓	✓	✓	✓	✓
1000x400	✓	✓	✓	✓	✓	✓