

EBV Supply steel grilles 20 mm pitch

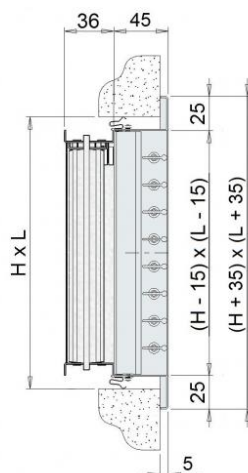


Description

Steel supply air jets with 1 or 2 rows of individually adjustable blades.

Characteristics

Material: steel.
Finish: galvanised.
Installation: with screws on frame.



Use

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

Models

EBV/VO with 2 rows of vertical and horizontal blades;
EBV/OV with 2 rows of horizontal and vertical blades;
EBV/V with 1 row of vertical blades;
EBV/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 RAL9016 painting or other RAL colours.
Clips for wall installation.

Operating data

Vk: effective speed (m/s)

m³/h: flow rate

Pa: pressure drops in Pascal

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

dB(A): noise level

All dimensions are expressed in mm

dimension LxH	effective cross-section	m³/h	L1	m³/h	L1
	m²				
200x100	0,013	100	3	160	5
300x100	0,018	140	3.7	230	5.6
400x100	0,025	200	4.5	320	6.8
500x100	0,033	260	6	420	8
300x150	0,029	230	4.3	370	7
400x150	0,039	310	5	500	8
500x150	0,051	400	5.8	640	9
600x150	0,059	470	6	750	9.5
300x200	0,044	350	5.5	560	8
400x200	0,057	450	5.8	720	9
500x200	0,071	560	6.5	900	10
600x200	0,086	680	9	1080	14
800x200	0,115	910	10	1450	15
1000x200	0,145	1150	9	1830	14
600x300	0,136	1080	9.6	1730	15
800x300	0,178	1410	10.5	2250	16
1000x300	0,226	1790	13	2860	18
600x400	0,180	1430	11	2290	17
800x400	0,245	1940	12	3080	18
1000x400	0,310	2460	16	3940	20
V (m/s)		2,2		3,5	

Noise level dB(A)

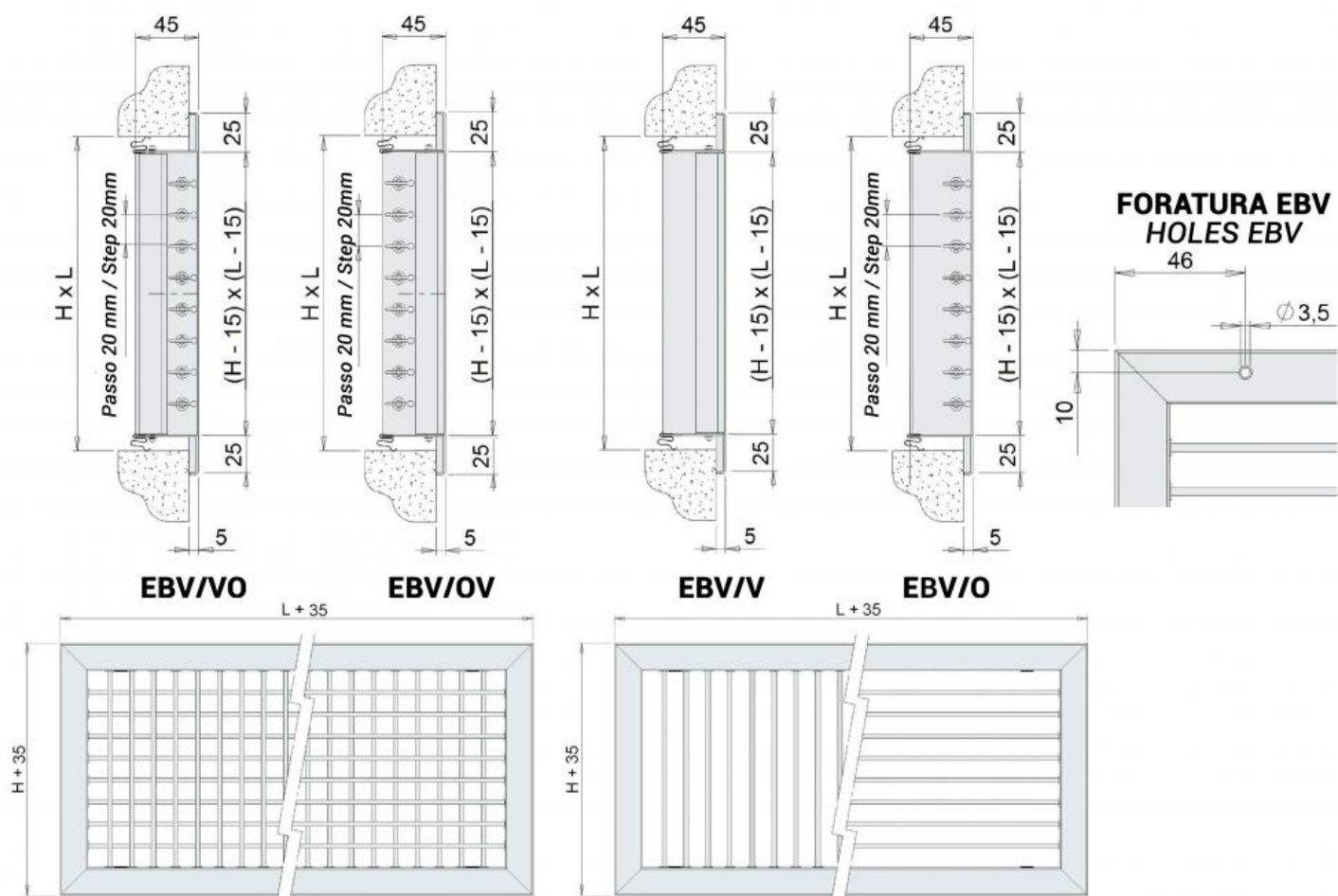
Vk m/s	defl. 0°	defl. 20°	defl. 40°
	dB(A)	dB(A)	dB(A)
2.2	15/20	18/23	20/25
3.5	20/25	23/28	25/30

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 measurements are expressed in mm.



SC regulation damper

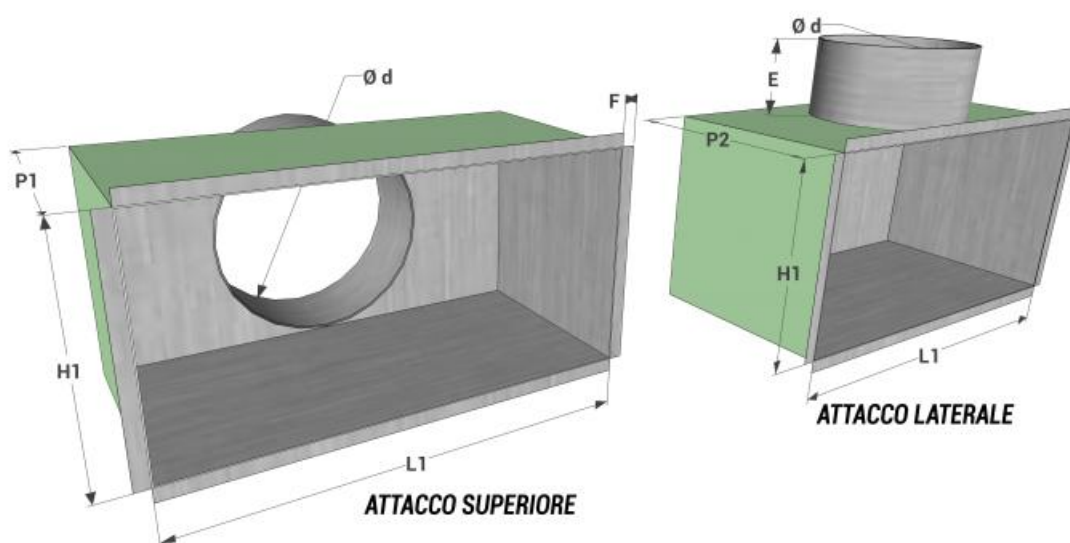
Galvanised steel regulation damper with blades with opposing movement.



CT counter-frame



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	800x200	200	2	198	300	2	198	80	12
500x100	200	2	98	200	2	98	80	12	1000x200	200	2	198	300	2	198	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	800x300	200	2	248	350	2	248	80	12
600x150	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	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	1000x400	200	2	298	400	2	298	80	12

Price list

dimension	EBV/VO	EBV/OV	EBV/O	EBV/V
LxH	euro	euro	euro	euro
200x100	✓	✓	✓	✓
300x100	✓	✓	✓	✓
400x100	✓	✓	✓	✓
500x100	✓	✓	✓	✓
300x150	✓	✓	✓	✓
400x150	✓	✓	✓	✓
500x150	✓	✓	✓	✓
600x150	✓	✓	✓	✓
800x150	✓	✓	✓	✓
300x200	✓	✓	✓	✓
400x200	✓	✓	✓	✓
500x200	✓	✓	✓	✓
600x200	✓	✓	✓	✓
800x200	✓	✓	✓	✓
1000x200	✓	✓	✓	✓
500x300	✓	✓	✓	✓
600x300	✓	✓	✓	✓
800x300	✓	✓	✓	✓
1000x300	✓	✓	✓	✓
600x400	✓	✓	✓	✓
800x400	✓	✓	✓	✓
1000x400	✓	✓	✓	✓

Accessories

Item normally available from stock

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
200x100	✓	✓	✓	✓	✓	✓
300x100	✓	✓	✓	✓	✓	✓
400x100	✓	✓	✓	✓	✓	✓
500x100	✓	✓	✓	✓	✓	✓
300x150	✓	✓	✓	✓	✓	✓
400x150	✓	✓	✓	✓	✓	✓
500x150	✓	✓	✓	✓	✓	✓
600x150	✓	✓	✓	✓	✓	✓
800x150	✓	✓	✓	✓	✓	✓
300x200	✓	✓	✓	✓	✓	✓
400x200	✓	✓	✓	✓	✓	✓
500x200	✓	✓	✓	✓	✓	✓
600x200	✓	✓	✓	✓	✓	✓
800x200	✓	✓	✓	✓	✓	✓
1000x200	✓	✓	✓	✓	✓	✓
500x300	✓	✓	✓	✓	✓	✓
600x300	✓	✓	✓	✓	✓	✓
800x300	✓	✓	✓	✓	✓	✓
1000x300	✓	✓	✓	✓	✓	✓
600x400	✓	✓	✓	✓	✓	✓
800x400	✓	✓	✓	✓	✓	✓
1000x400	✓	✓	✓	✓	✓	✓