

ABS vents EB BASIC LINE series

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CARATTERISTICHE

Nozzle with double row of fins, vertical front and horizontal rear, individually adjustable.

Material of construction: anti-condensation **ABS**

Color: White RAL 9010

Flap pitch: 20mm

Extinguishing grade: Class V0 Operating

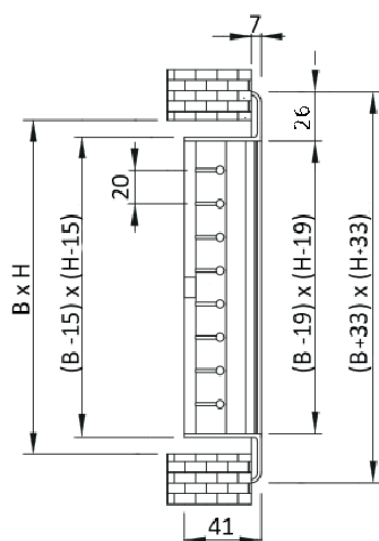
temperature: -30°C/+80°C Fixing methods:

Clips

ACCESSORIES

- Calibration damper mod. S/01,
- Galvanized sheet metal counter frame mod. C/01,
- Polycarbonate plenum mod. EP/01 or polyisocyanurate (PAL).

DIMENSIONS



B x H : HOLE MEASURES (in mm)

(B is always the hole measurement taken on the larger side of it while H is always the hole measurement taken on the smaller side)



For dimension B of 200 and 300 mm is not a separator



For size B of 400, 500, and 600 mm early and reinforcing separator

QUICK SELECTION TABLE

Code	Hole size BxH	Effective area [m ²]	Flow rate (m ³ /h) with v=1m/s	Flow rate (m ³ /h) with v=2m/s	Flow rate (m ³ /h) with v=2.5m/s	Flow rate (m ³ /h) with v=3m/s	Flow rate (m ³ /h) with v=4m/s
	[mm]		Pressure drop: 2 Pa	Pressure drop: 4 Pa	Pressure drop: 7 Pa	Pressure drop: 9 Pa	Pressure drop: 15 Pa
EB/01200X100	200x100	0.0120	44	88	110	132	176
EB/01300X100	300x100	0.0180	65	130	163	195	260
EB/01400X100	400x100	0.0240	87	174	218	261	348
EB/01300X150	300x150	0.0320	112	224	280	336	448
EB/01400X150	400x150	0.0410	130	260	325	390	520
EB/01500X150	500x150	0.0530	191	382	478	573	764
EB/01600X150	600x150	0.0640	230	460	575	690	920
EB/01400X200	400x200	0.0590	210	420	525	630	840
EB/01500X200	500x200	0.0760	275	550	688	825	1100
EB/01600X200	600x200	0.0930	336	672	840	1008	1344

v = velocity through the nozzle (v_k)

Parameters for calculating flow rates: fins inclined 0° - damper closure (if any) = 0% - supply air temperature = 16°C - room air temperature = 26°C.

Correspondence between the value of the crossing velocity **v** and the noise index **NR**, indicating the type of installation environments:

- for v = 1 m/s - noise index NR<10 (in all rooms for v.m.c. systems).
- for v = 2 m/s - noise index 10<NR<15 (concert halls, libraries)
- For v = 2.5 m/s - noise index 15<NR<20 (apartments, hotel rooms, hospital rooms)
- For v = 3 m/s - noise index 20<NR<25 (hotel rooms, radio studios)
- for v = 4 m/s - noise index 30<NR<35 (offices in general, restaurants)

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