

**SB EC 315**



Virtually silent with high volume output and pressure performance. Ideal for cleaning and inspection.



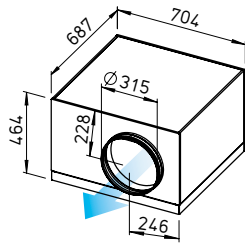
**SVS EC 315**



**Lowest installation height. Ideal for limited installation spaces.** With sound-insulating mineral wool lining for particularly low-noise operation.

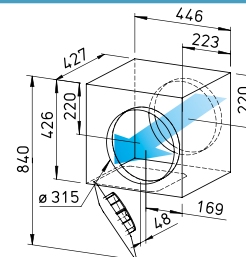


**Dimensions SB EC 315**



Dim. in mm

**Dimensions SVS EC 315**



Dim. in mm

**Common features SilentBox SB EC and SlimVent SVS EC**

**Installation**

No restrictions in any position (horizontal, vertical, diagonal) through corresponding installation for supply or extract ventilation. Mounting bracket included in delivery.

**Drive**

Energy-saving, speed-controllable EC external rotor motor in protection category IP44 with the highest level of efficiency. Maintenance-free and radio interference-free, ball bearing mounted. Motor and impeller dynamically balanced for low-noise operation.

**Power control**

Continuously variable speed control with internal (delivery) or external potentiometer or conti-

nuously variable speed control with universal control system (see table). Performance levels are shown in the performance curve as an example.

**Motor protection**

Integrated electronic temperature monitoring system for EC motor and electronics.

**Noise**

See page 417.

**Description SilentBox EC**

**Casing**

Designed as a silencer. Equipped with abrasion-resistant, sound-absorbing mineral fibre boards (50 mm). Removable cover with locking clamp. Freely accessible fan. Removable motor-impeller unit, the removal area must be considered. Inlet and outlet side connectors with

rubber lip seal corresponds to standard duct Ø. All parts made of galvanised steel sheet.

**Impeller**

With backward curved blades. Inlet via nozzle.

**Electrical connection**

Terminal box (IP54) mounted to external cable (aprx. 60 cm long).

**Protection category**

IP54 with connected duct system.

**Description SlimVent SVS EC**

**Casing**

Extremely flat casing with sound-insulating, over 50 mm thick mineral wool lining and glass fibre surface. The acoustic box placed in front of the fan wheel significantly reduces the inlet-side noises. The radiated

noises are reduced to a lesser extent (see noise data above the performance diagrams).

The retractable motor-impeller unit allows inspection and cleaning without dismantling the system components. The removal area of the motor-impeller unit must be considered.

**Impeller**

Energy-saving centrifugal impeller with backward curved blades made of high-quality plastic.

**Electrical connection**

Terminal box (IP54) mounted to external cable.

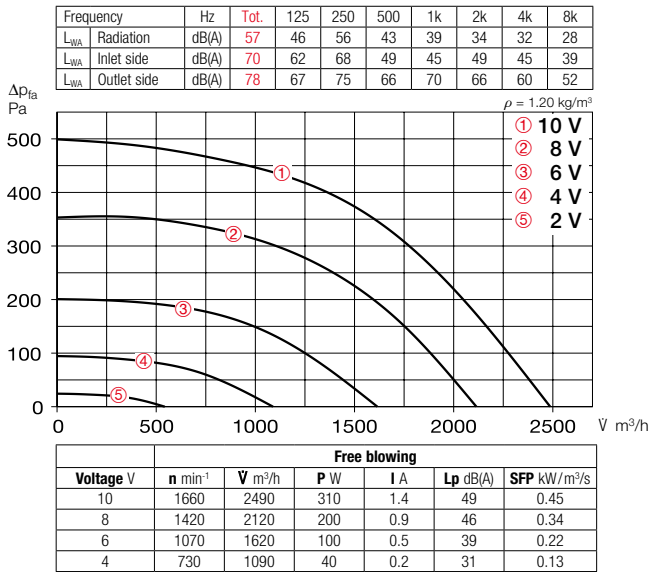
**Protection category**

IP44 with connected duct system.

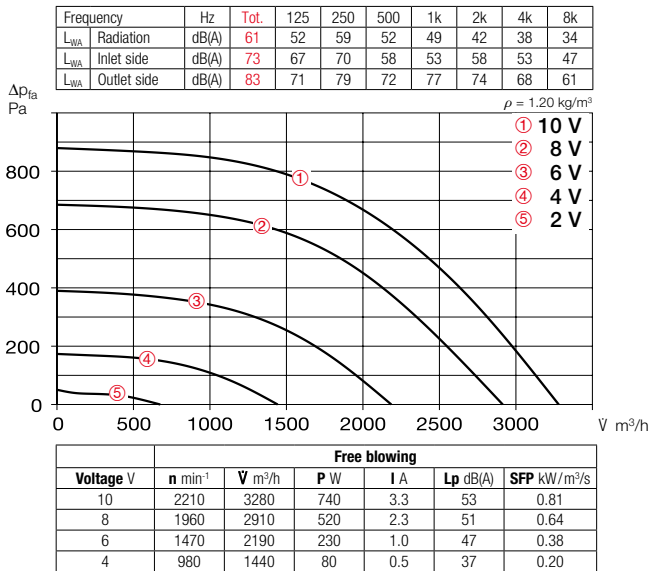
Type	Ref. no.	Connection Ø	Flow rate Free blowing	Rated speed	Sound press. case radiation	Power consum.	Current consum.	Wiring diagram	Max. air flow temp.	Wgt net aprx.	Universal control system		Speed potentiometer			
											Type	Ref. no.	Type	Ref. no.		
<b>Type SB EC, Single-phase alternating current, 230 V, 50/60 Hz, EC motor, IP54</b>																
SB EC 315 A	06157	315	2490	1660	49	0.36	1.56	979	60	35	EUR EC <sup>1)2)</sup>	01347	PU 10 <sup>1)</sup>	01734	PA 10 <sup>1)</sup>	01735
SB EC 315 B	09628	315	3280	2210	53	0.85	3.73	979	60	38	EUR EC <sup>1)2)</sup>	01347	PU 10 <sup>1)</sup>	01734	PA 10 <sup>1)</sup>	01735
<b>Type SVS EC, Single-phase alternating current, 230 V, 50/60 Hz, EC motor, IP44</b>																
SVS EC 315 A	06126	315	1690	2330	50	0.21	1.66	979	60	16.5	EUR EC <sup>1)2)</sup>	01347	PU 10 <sup>1)</sup>	01734	PA 10 <sup>1)</sup>	01735
SVS EC 315 B <sup>3)</sup>	00667	315	1940	2880	52	0.32	2.46	979	60	16.1	EUR EC <sup>1)2)</sup>	01347	PU 10 <sup>1)</sup>	01734	PA 10 <sup>1)</sup>	01735

<sup>1)</sup> Multiple EC fans can normally be connected. <sup>2)</sup> alternative electronic diff. pressure/ temperature controller (EDR/ETR, No. 01437/01438) or three level speed switch (SU/SA, No. 04266/04267), see accessories. <sup>3)</sup> Performance diagram at www.HeliosSelect.de.

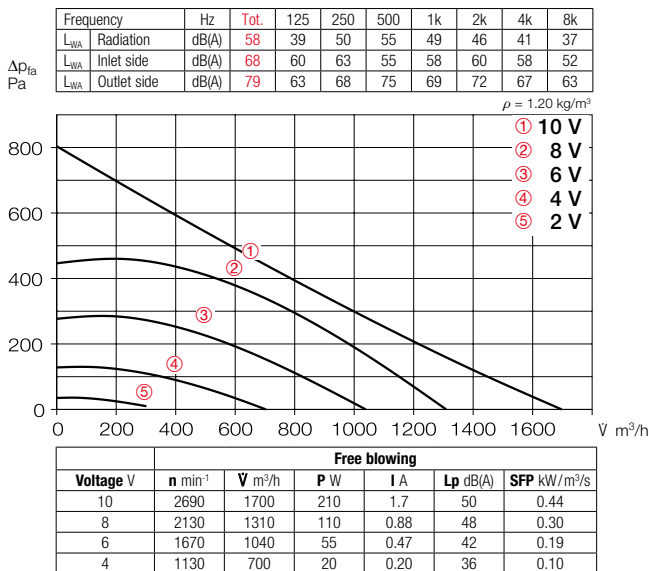
## Performance curves SB EC 315 A



## Performance curves SB EC 315 B



## Performance curves SVS EC 315 A



## Accessories

### Flexible connecting sleeve

**FM 315** Ref. no. 01674

Includes 2 hose clamps; for installation between fan and duct system. Prevents structure-borne noise transmission and bridges installation tolerances.

2 pcs required for inlet and outlet side application.



### External wall shutter

**VK 315** Ref. no. 00760

Automatic made of plastic, light grey.



### External wall cover grille

**RAG 315** Ref. no. 00752

For placement in front of air inlet and outlet openings in facades.

Made of plastic, light grey.



### Protection grille

**SGR 315** Ref. no. 05068

For inlet and outlet side installation. Made of galvanised steel.



### Duct shutter

**RSK 315** Ref. no. 05674

Automatic, made of metal.



### Flexible cross talk silencer

**FSD 315** Ref. no. 00681

Made of aluminium pipe with double-sided plug-in connectors. Sound insulation lining 50 mm thick, installation length 1 m.



### Air filter box

**LFBR 315 Coarse 70%\*** 08581

**LFBR 315 ePM1 50%\*** 08535

Air filter with large surface area, for installation in pipeline.



### Electric heating element

**EHR-R 6/315** 6.0 kWNo. 08713

- with integrated temp. control

**EHR-R 6/315 TR** 6.0 kWNo. 05301

Room or duct sensor (TFK/TFR, Accessories) required.



### Temperature control system for electric heating element

**EHR-R**

**EHS** Ref. no. 05002



### Warm water heating element

**WHR 315** Ref. no. 09484

Compact heat exchanger for installation in duct system.



### Temperature control system for warm water heating element

**WHS HE** Ref. no. 08319

\* See product page 484 for detailed description.