

### SB EC 200



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



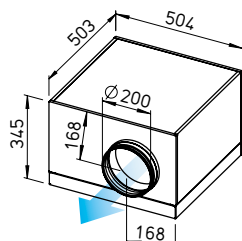
### SVS EC 200



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

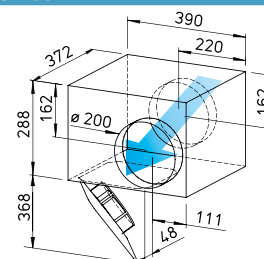


### Dimensions SB EC 200



Dim. in mm

### Dimensions SVS EC 200



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 high efficiency. Maintenance-free and 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 continuously 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 419.

### 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.

#### ■ Protection category

IP44 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

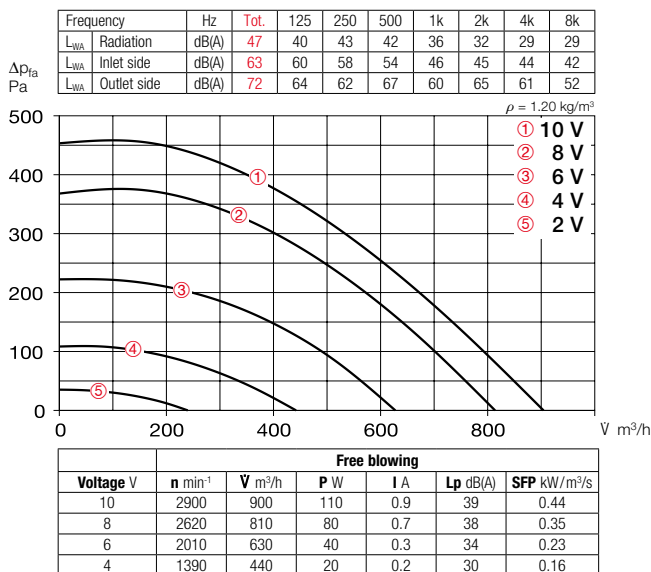
IP44 with connected duct system.

| Type                                                                                        | Ref. no. | Conne-<br>ction Ø | Flow rate<br>Free blo-<br>wing | Rated<br>speed    | Sound<br>press. case<br>radiation | Power<br>consum. | Current<br>consum. | Wiring<br>diagram | Max. air<br>flow temp. | Wgt<br>net<br>aprx. | Universal<br>control system | Speed potentiometer |                     |          |                     |          |
|---------------------------------------------------------------------------------------------|----------|-------------------|--------------------------------|-------------------|-----------------------------------|------------------|--------------------|-------------------|------------------------|---------------------|-----------------------------|---------------------|---------------------|----------|---------------------|----------|
|                                                                                             |          |                   |                                |                   |                                   |                  |                    |                   |                        |                     |                             | flush-mount.        | surf-mount.         |          |                     |          |
|                                                                                             |          | mm                | ∇ m³/h                         | min <sup>-1</sup> | dB(A) in 1 m                      | kW               | A                  | No.               | + °C                   | kg                  | Type                        | Ref. no.            | Type                | Ref. no. | Type                | Ref. no. |
| Type SB EC, Single-phase alternating current, 230 V, 50/60 Hz, EC motor, IP54 (A), IP44 (B) |          |                   |                                |                   |                                   |                  |                    |                   |                        |                     |                             |                     |                     |          |                     |          |
| SB EC 200 A                                                                                 | 06138    | 200               | 900                            | 2830              | 39                                | 0.12             | 1.00               | 979               | 60                     | 17                  | EUR EC <sup>1)2)</sup>      | 01347               | PU 10 <sup>1)</sup> | 01734    | PA 10 <sup>1)</sup> | 01735    |
| SB EC 200 B                                                                                 | 09626    | 200               | 970                            | 2890              | 42                                | 0.15             | 1.20               | 979               | 60                     | 17                  | EUR EC <sup>1)2)</sup>      | 01347               | PU 10 <sup>1)</sup> | 01734    | PA 10 <sup>1)</sup> | 01735    |
| Type SVS EC, Single-phase alternating current, 230 V, 50/60 Hz, EC motor, IP44              |          |                   |                                |                   |                                   |                  |                    |                   |                        |                     |                             |                     |                     |          |                     |          |
| SVS EC 200 A <sup>3)</sup>                                                                  | 03390    | 200               | 910                            | 2780              | 49                                | 0.12             | 1.02               | 979               | 60                     | 8.1                 | EUR EC <sup>1)2)</sup>      | 01347               | PU 10 <sup>1)</sup> | 01734    | PA 10 <sup>1)</sup> | 01735    |
| SVS EC 200 B                                                                                | 00019    | 200               | 1010                           | 2880              | 52                                | 0.15             | 1.22               | 979               | 60                     | 8.3                 | EUR EC <sup>1)2)</sup>      | 01347               | PU 10 <sup>1)</sup> | 01734    | PA 10 <sup>1)</sup> | 01735    |

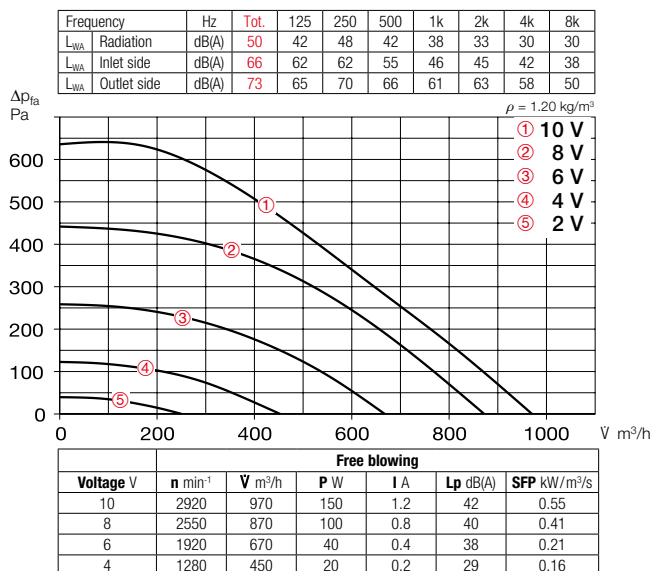
<sup>1)</sup> Multiple EC fans can normally be connected. <sup>2)</sup> alternative electronic diff. pressure/ temperature controller (EDR/ETR, No. 01437/01438) or three level speed switch (SU/SA, No. 04266/04267), see accessories.

<sup>3)</sup> Performance diagram at [www.HeliosSelect.de](http://www.HeliosSelect.de).

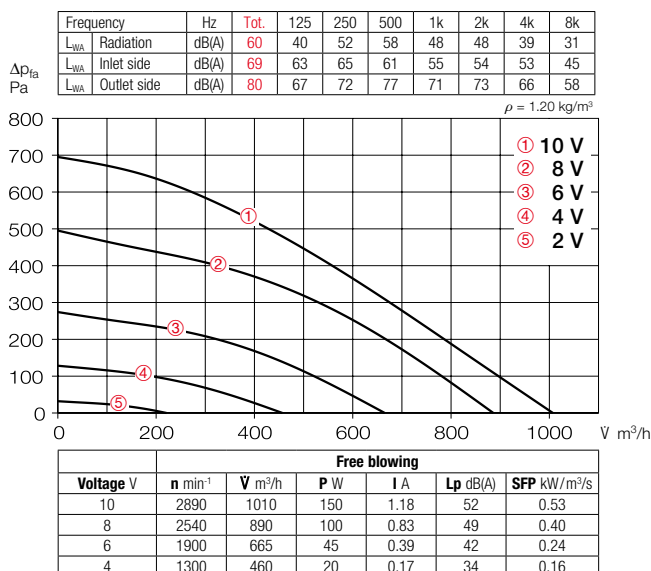
### Performance curves SB EC 200 A



### Performance curves SB EC 200 B



### Performance curves SVS EC 200 B



### Accessories

#### Flexible connecting sleeve

**FM 200** Ref. no. 01670

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 200** Ref. no. 00758

Made of plastic, light grey.



#### External wall cover grille

**RAG 200** Ref. no. 00750

For placement in front of air inlet and outlet openings in facades. Made of plastic, light grey.



#### Protection grille

**SGR 200** Ref. no. 05066

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



#### Duct shutter

**RSK 200** Ref. no. 05074

Automatic, made of metal.



#### Flexible cross talk silencer

**FSD 200** Ref. no. 00679

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



#### Air filter box

**LFBR 200 Coarse 70%\*** 08579

**LFBR 200 ePM1 50%\*** 08533

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



#### Electric heating element

**EHR-R 1.2/200** 1.2 kW No. 09436

**EHR-R 2/200** 2.0 kW No. 09437

**EHR-R 5/200** 5.0 kW No. 08711

– with integrated temp. control

**EHR-R 5/200 TR** 5.0 kW No. 05295

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 200** Ref. no. 09482

Compact heat exchanger for installation in duct system.



#### Temperature control system for warm water heating element

**WHST 300 T38** No. 08817



\* See product page 486 for detailed description.