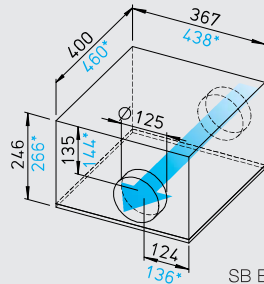


SilentBox® SB EC



Virtually noise-free with high air flow volumes against high resistances. Ideal for maintenance and cleaning.



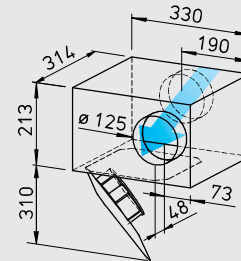
Dim, in mm

SB EC 125 A, *SB EC 125 B

SlimVent SVS EC



Ultra low profile. Ideal for applications with limited installation space. With sound-insulating mineral wool lining for particularly noise-free operation.



Dim, in mm

Similarities

SilentBox® SB EC and SlimVent SVS EC

Installation

Installation in any position without restriction – horizontally, vertically or pitched – suitable for intake or extract. Mounting bracket included in delivery.

Motor

Energy saving, speed controllable EC-external rotor motors with highest efficiency, protection to IP 44 (SB EC 125 A IP 54). With ball bearings, maintenance-free and interference-free. Dynamically balanced for low noise operation.

Speed control

Stepless speed control with potentiometer or stepless speed control with universal control system (see table). Duties at different speeds are exemplarily given in the performance curve.

Motor protection

Integrated electronic temperature monitoring for EC-motor and electronics.

Sound levels

See page 351.

Specification SilentBox® EC

Casing

Like an internal attenuator. Acoustically lined with abrasive resistant 50 mm thick mineral fibreboard. Four quick release clamps permit easy access to the impeller set. Motor-impeller unit can be pulled out, the pull-out range must be considered. Spigots on intake and exhaust fit standard ducts. All parts manufactured from galvanised sheet steel.

Impeller

With backward curved impeller. Inflow via inlet cone, SB EC 125 A forward curved

impeller in aerodynamically optimised volute casing, galvanised sheet steel.

Electrical connection

Terminal box (IP 54) mounted on running cable.

Protection class

With a connected pipe system IP 44 (SB EC 125 A IP 54).

Specification SlimVent SVS EC

Casing

Extremely flat casing in longer design with more than 50 mm thick sound-absorbing mineral wool lining and glass fibre surface. The acoustic box which is placed in front of the fan reduces the sound level for the intake significantly. The sound level of the case breakout is reduced to a smaller extent (see sound levels in the tables above the performance curves).

The swing out motor and impeller unit permits maintenance

and cleaning without disassembly of system components. The swing-out range of the motor-impeller unit must be considered.

Impeller

Energy-saving centrifugal impeller with backward curved blades from high quality polymer.

Electrical connection

Terminal box (IP 54) mounted on running cable.

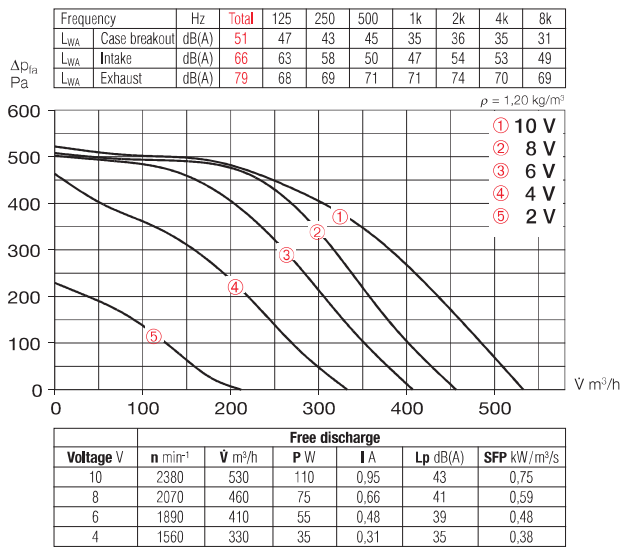
Protection class

With a connected pipe system IP 44.

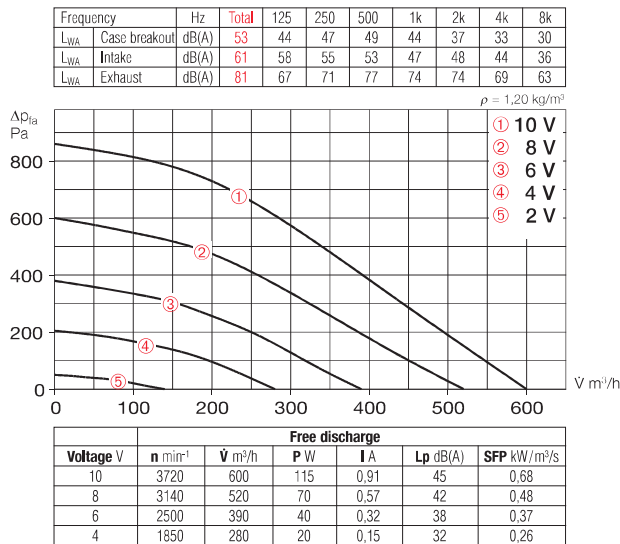
Type	Ref. no.	Connection Ø	Air flow volume (FID)	R.P.M.	Sound press. case breakout	Motor power	Current	Wiring diagram	max. air flow temperature	Weight net approx.	Universal control system		Speed-potentiometer flush		Speed-potentiometer surface	
											Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Type SilentBox® SB EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 54 (A), IP 44 (B)																
SB EC 125 A	6132	125	530	2790	43	0.12	1.00	979	60	10.0	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
SB EC 125 B	9624	125	600	3680	45	0.12	0.93	979	60	12.0	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
Type SVS EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 44																
SVS EC 125	0016	125	590	3670	54	0.12	0.93	979	60	5.8	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735

¹⁾ Several EC fans can normally be connected. ²⁾ alternative electronic differential pressure/temp. controller (EDR/ETR, No. 1437/1438) or three step speed controller (SU/SA, No. 4266/4267), see accessories.

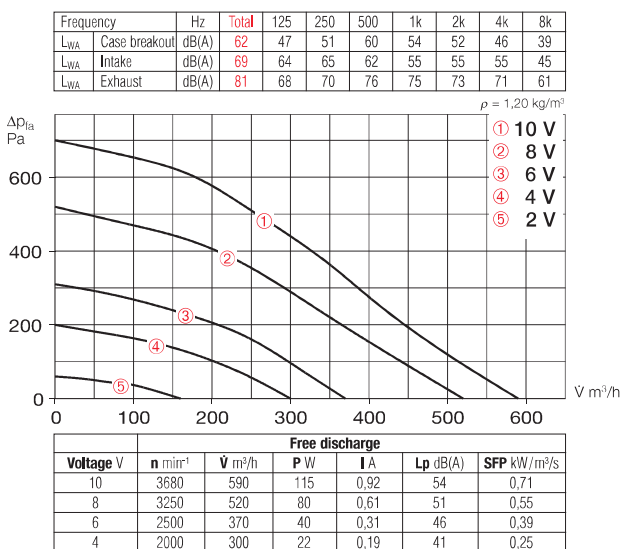
SB EC 125 A



SB EC 125 B



SVS EC 125

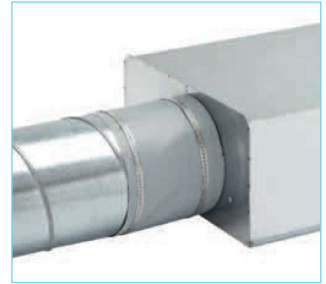


Accessories

Flexible sleeve

Type FM 125 Ref. no. 1682

Supplied with two hose clips as standard; for installation between fan and duct system. Prevents sound and vibration transmission to ducting and corrects small site misalignments. For intake or extract two sleeves are needed for complete isolation.



Gravity shutter

Type VK 125 Ref. no. 0857

Automatic made from polymer, white.



Fixed grille

Type G 160 Ref. no. 0893

Made from polymer, white.



Guard

Type SGR 125 Ref. no. 5064

For intake and extract installation. Made from powder-coated steel wire.



Backdraught shutter

Type RSKK 125 Ref. no. 5107

Automatic, made from polymer.



Flexible circular attenuator

Type FSD 125 Ref. no. 0677

Spigotted aluminium attenuator with 50 mm insulation. Length 1 m.



Air filter box

LFBR 125 G4 Ref. no. 8577

LFBR 125 F7 Ref. no. 8531

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



Electric heater battery

EHR-R 0,8/125 0,8 kW No. 8709

EHR-R 1,2/125 1,2 kW No. 9433

- with integrated temp. control

EHR-R 0,8/125 TR 0,8 kW No. 5293

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



Temperature control system for electric heater battery EHR-R

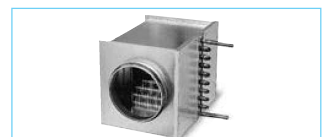
Type EHS Ref. no. 5002



Warm water heater battery

Type WHR 125 Ref. no. 9480

Compact heat exchanger for in-line installation.



Temperature control system for warm water heater battery

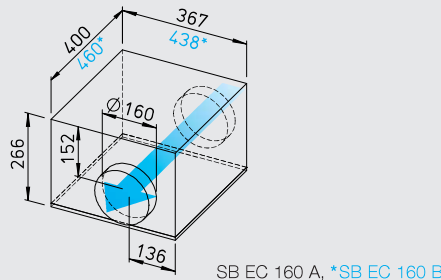
Type WHST 300 T38 No. 8817



SilentBox® SB EC



Virtually noise-free with high air flow volumes against high resistances. Ideal for maintenance and cleaning.



Dim, in mm

SB EC 160 A, *SB EC 160 B

Similarities

SilentBox® SB EC and SlimVent SVS EC

Installation

Installation in any position without restriction – horizontally, vertically or pitched – suitable for intake or extract. Mounting bracket included in delivery.

Motor

Energy saving, speed controllable EC-external rotor motors with highest efficiency, protection to IP 44 (SB EC 160 A IP 54). With ball bearings, maintenance-free and interference-free. Dynamically balanced for low noise operation.

Speed control

Stepless speed control with potentiometer or stepless speed control with universal control system (see table). Duties at different speeds are exemplarily given in the performance curve.

Motor protection

Integrated electronic temperature monitoring for EC-motor and electronics.

Sound levels

See page 351.

Specification SilentBox® EC

Casing

Like an internal attenuator. Acoustically lined with abrasive resistant 50 mm thick mineral fibreboard. Four quick release clamps permit easy access to the impeller set. Motor-impeller unit can be pulled out, the pull-out range must be considered. Spigots on intake and exhaust fit standard ducts. All parts manufactured from galvanised sheet steel.

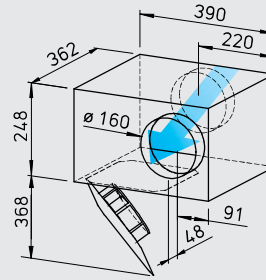
Impeller

With backward curved impeller. Inflow via inlet cone, SB EC 160 A forward curved

SlimVent SVS EC



Ultra low profile. Ideal for applications with limited installation space. With sound-insulating mineral wool lining for particularly noise-free operation.



Dim, in mm

impeller in aerodynamically optimised volute casing, galvanised sheet steel.

Electrical connection

Terminal box (IP 54) mounted on running cable.

Protection class

With a connected pipe system IP 44 (SB EC 160 A IP 54).

Specification SlimVent SVS EC

Casing

Extremely flat casing in longer design with more than 50 mm thick sound-absorbing mineral wool lining and glass fibre surface. The acoustic box which is placed in front of the fan reduces the sound level for the intake significantly. The sound level of the case breakout is reduced to a smaller extent (see sound levels in the tables above the performance curves).

The swing out motor and impeller unit permits maintenance

and cleaning without disassembly of system components. The swing-out range of the motor-impeller unit must be considered.

Impeller

Energy-saving centrifugal impeller with backward curved blades from high quality polymer.

Electrical connection

Terminal box (IP 54) mounted on running cable.

Protection class

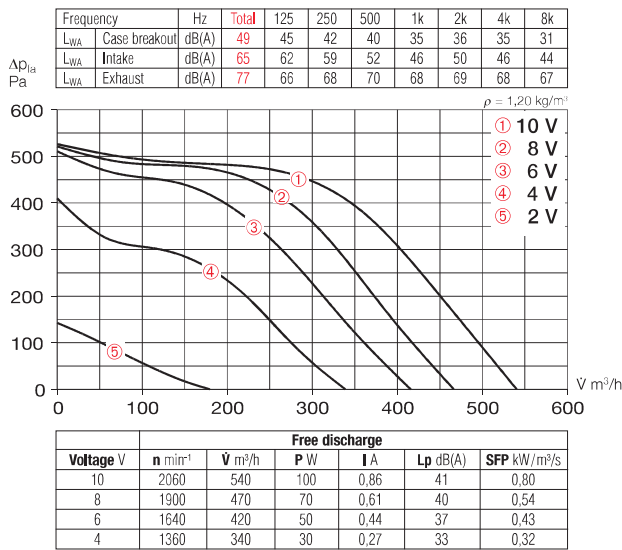
With a connected pipe system IP 44.

Type	Ref. no.	Connection Ø	Air flow volume (FID)	R.P.M.	Sound press. case breakout	Motor power	Current	Wiring diagram	max. air flow temperature	Weight net approx.	Universal control system		Speed-potentiometer flush		Speed-potentiometer surface	
											Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Type SilentBox® SB EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 54 (A), IP 44 (B)																
SB EC 160 A	6136	160	540	2640	41	0.12	0.98	979	60	10.0	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
SB EC 160 B	9625	160	670	3630	45	0.11	0.89	979	60	12.0	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
Type SVS EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 44																
SVS EC 160 A ³⁾	0017	160	620	3650	55	0.12	0.93	979	60	8.0	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
SVS EC 160 B	0018	160	800	3100	55	0.13	1.04	979	60	7.6	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735

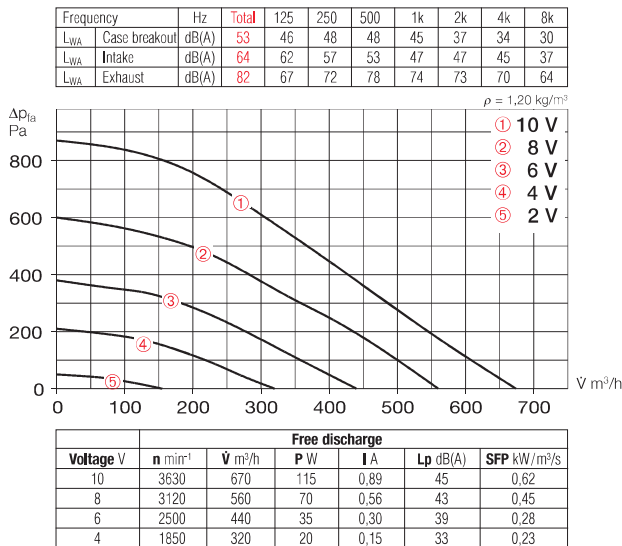
¹⁾ Several EC fans can normally be connected. ²⁾ alternative electronic differential pressure/temp. controller (EDR/ETR, No. 1437/1438) or three step speed controller (SU/SA, No. 4266/4267), see accessories.

³⁾ Characteristic curve on www.HeliosSelect.de

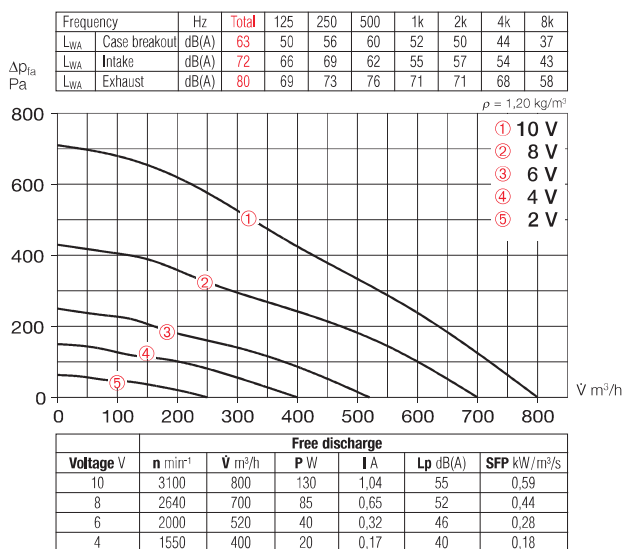
SB EC 160 A



SB EC 160 B



SVS EC 160 B



Accessories

Flexible sleeve

Type FM 160 Ref. no. 1684

Supplied with two hose clips as standard; for installation between fan and duct system. Prevents sound and vibration transmission to ducting and corrects small site misalignments. For intake or extract two sleeves are needed for complete isolation.



Gravity shutter

Type VK 160 Ref. no. 0892

Automatic made from polymer, white.



Fixed grille

Type G 160 Ref. no. 0893

Made from polymer, white.



Guard

Type SGR 160 Ref. no. 5069

For intake and extract installation. Made from galvanised steel.



Backdraught shutter

Type RSK 160 Ref. no. 5669

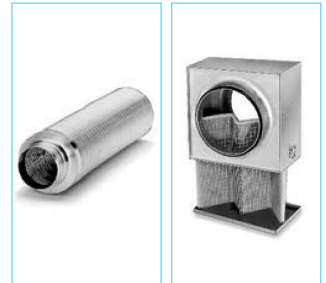
Automatic, made from metal.



Flexible circular attenuator

Type FSD 160 Ref. no. 0678

Spigotted aluminium attenuator with 50 mm insulation. Length 1 m.



Air filter box

LFBR 160 G4 Ref. no. 8578

LFBR 160 F7 Ref. no. 8532

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



Electric heater battery

EHR-R 1,2/160 1.2 kW No. 9434

EHR-R 2,4/160 2.4 kW No. 9435

EHR-R 5/160 5.0 kW No. 8710

– with integrated temp. control

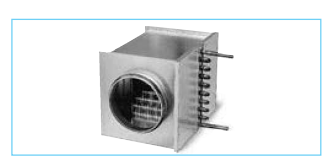
EHR-R 2,4/160 TR 2.4 kW No. 5294

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



Temperature control system for electric heater battery EHR-R

Type EHS Ref. no. 5002



Warm water heater battery

Type WHR 160 Ref. no. 9481

Compact heat exchanger for in-line installation.



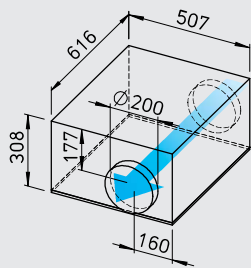
Temperature control system for warm water heater battery

Type WHST 300 T38 No. 8817

SilentBox® SB EC



Virtually noise-free with high air flow volumes against high resistances. Ideal for maintenance and cleaning.

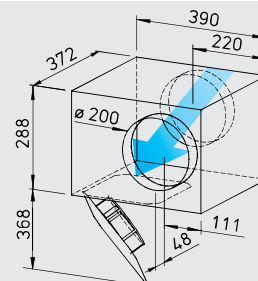


Dim, in mm

SlimVent SVS EC



Ultra low profile. Ideal for applications with limited installation space. With sound-insulating mineral wool lining for particularly noise-free operation.



Dim, in mm

Similarities

SilentBox® SB EC and SlimVent SVS EC

Installation

Installation in any position without restriction – horizontally, vertically or pitched – suitable for intake or extract. Mounting bracket included in delivery.

Motor

Energy saving, speed controllable EC-external rotor motors with highest efficiency, protection to IP 44 (SB EC 200 A IP 54). With ball bearings, maintenance-free and interference-free. Dynamically balanced for low noise operation.

Speed control

Stepless speed control with potentiometer or stepless speed control with universal control system (see table). Duties at different speeds are exemplarily given in the performance curve.

Motor protection

Integrated electronic temperature monitoring for EC-motor and electronics.

Sound levels

See page 351.

Specification SilentBox® EC

Casing

Like an internal attenuator. Acoustically lined with abrasive resistant 50 mm thick mineral fibreboard. Four quick release clamps permit easy access to the impeller set. Motor-impeller unit can swing-out, the swing-out range of the motor-impeller unit must be considered. Spigots on intake and exhaust twin-seal rubber gaskets fit standard ducts. All parts manufactured from galvanised sheet steel.

Impeller

With backward curved impeller. Inflow via inlet cone.

Electrical connection

Terminal box (IP 54) mounted on running cable.

Protection class

With a connected pipe system IP 44 (SB EC 200 A IP 54).

Specification SlimVent SVS EC

Casing

Extremely flat casing in longer design with more than 50 mm thick sound-absorbing mineral wool lining and glass fibre surface. The acoustic box which is placed in front of the fan reduces the sound level for the intake significantly. The sound level of the case breakout is reduced to a smaller extent (see sound levels in the tables above the performance curves).

The swing out motor and impeller unit permits maintenance and cleaning without disassembly of system components. The swing-out range of the

motor-impeller unit must be considered.

Impeller

Energy-saving centrifugal impeller with backward curved blades from high quality polymer.

Electrical connection

Terminal box (IP 54) mounted on running cable.

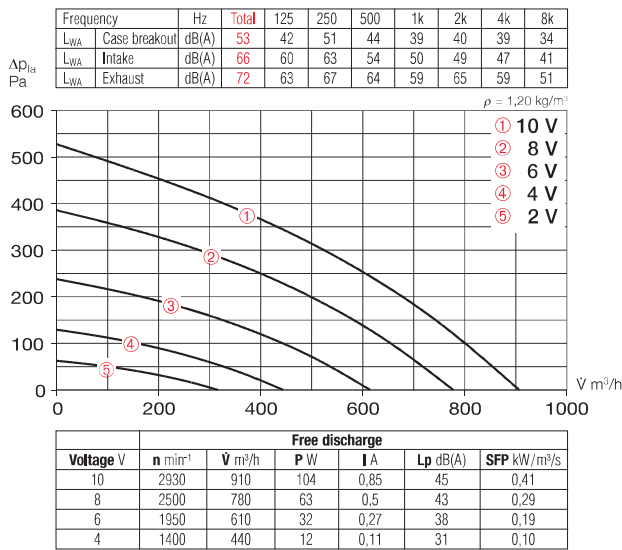
Protection class

With a connected pipe system IP 44.

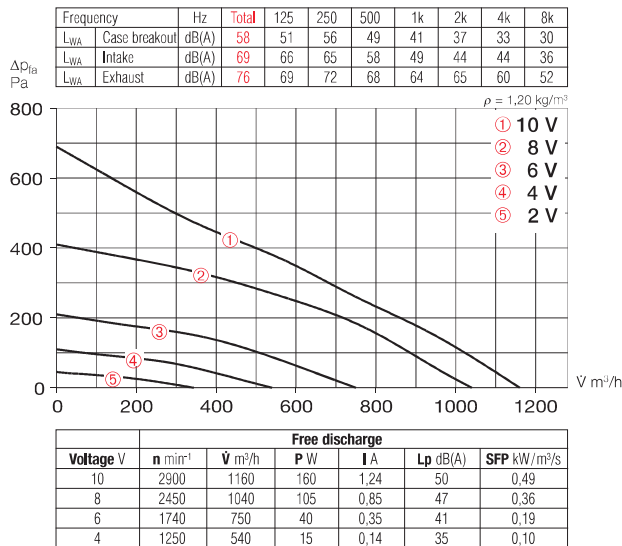
Type	Ref. no.	Connection Ø	Air flow volume (FID)	R.P.M.	Sound press. case breakout	Motor power	Current	Wiring diagram	max. air flow temperature	Weight net approx.	Universal control system		Speed-potentiometer flush		Speed-potentiometer surface	
											Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Type SilentBox® SB EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 54 (A), IP 44 (B)																
SB EC 200 A	6138	200	910	2900	45	0.12	0.99	979	60	19.0	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
SB EC 200 B	9626	200	1160	2890	50	0.16	1.24	979	60	19.0	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
Type SVS EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 44																
SVS EC 200	0019	200	1030	2820	55	0.16	1.25	979	60	8.3	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735

¹⁾ Several EC fans can normally be connected. ²⁾ alternative electronic differential pressure/temp. controller (EDR/ETR, No. 1437/1438) or three step speed controller (SU/SA, No. 4266/4267), see accessories.

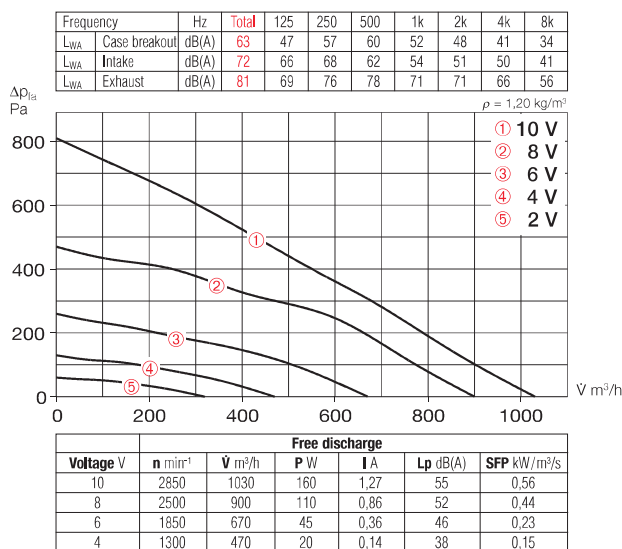
SB EC 200 A



SB EC 200 B



SVS EC 200

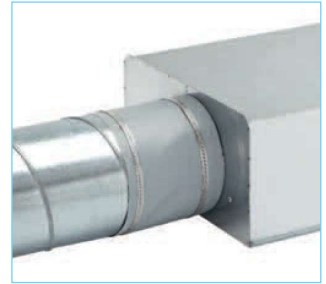


Accessories

Flexible sleeve

Type FM 200 Ref. no. 1670

Supplied with two hose clips as standard; for installation between fan and duct system. Prevents sound and vibration transmission to ducting and corrects small site misalignments. For intake or extract two sleeves are needed for complete isolation.



Gravity shutter

Type VK 200 Ref. no. 0758

Made from polymer, light grey.



Fixed grille

Type RAG 200 Ref. no. 0750

For covering air inlets and outlets on facades. Made from polymer, light grey.



Guard

Type SGR 200 Ref. no. 5066

For intake and extract installation. Made from galvanised steel.



Backdraught shutter

Type RSK 200 Ref. no. 5074

Automatic, made from metal.



Flexible circular attenuator

Type FSD 200 Ref. no. 0679

Spigotted aluminium attenuator with 50 mm insulation. Length 1 m.



Air filter box

LFBR 200 G4 Ref. no. 8579

LFBR 200 F7 Ref. no. 8533

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



Electric heater battery

EHR-R 1,2/200 1,2 kW No. 9436

EHR-R 2/200 2,0 kW No. 9437

EHR-R 5/200 5,0 kW No. 8711

– with integrated temp. control

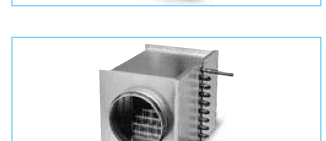
EHR-R 5/200 TR 5,0 kW No. 5295

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



Temperature control system for electric heater battery EHR-R

Type EHS Ref. no. 5002



Warm water heater battery

Type WHR 200 Ref. no. 9482

Compact heat exchanger for in-line installation.



Temperature control system for warm water heater battery

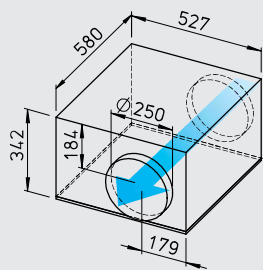
Type WHST 300 T38 No. 8817



SilentBox® SB EC



Virtually noise-free with high air flow volumes against high resistances. Ideal for maintenance and cleaning.

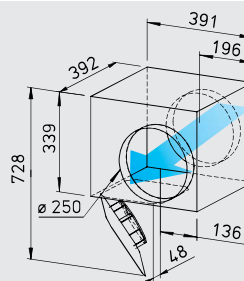


Dim, in mm

SlimVent SVS EC



Ultra low profile. Ideal for applications with limited installation space. With sound-insulating mineral wool lining for particularly noise-free operation.



Dim, in mm

Similarities

SilentBox® SB EC and SlimVent SVS EC

Installation

Installation in any position without restriction – horizontally, vertically or pitched – suitable for intake or extract. Mounting bracket included in delivery.

Motor

Energy saving, speed controllable EC-external rotor motors with highest efficiency, protection to IP 44. With ball bearings, maintenance-free and interference-free. Dynamically balanced for low noise operation.

Speed control

Stepless speed control with potentiometer or stepless speed control with universal control system (see table). Duties at different speeds are exemplarily given in the performance curve.

Motor protection

Integrated electronic temperature monitoring for EC-motor and electronics.

Specification SilentBox® EC

Casing

Like an internal attenuator. Acoustically lined with abrasive resistant 50 mm thick mineral fibreboard. Four quick release clamps permit easy access to the impeller set. Motor-impeller unit can swing-out, the swing-out range of the motor-impeller unit must be considered. Spigots on intake and exhaust twin-seal rubber gaskets fit standard ducts. All parts manufactured from galvanised sheet steel.

Impeller

With backward curved impeller. Inflow via inlet cone.

Electrical connection

Terminal box (IP 54) mounted on running cable.

Protection class

With a connected pipe system IP 44.

Specification SlimVent SVS EC

Casing

Extremely flat casing in longer design with more than 50 mm thick sound-absorbing mineral wool lining and glass fibre surface. The acoustic box which is placed in front of the fan reduces the sound level for the intake significantly. The sound level of the case breakout is reduced to a smaller extent (see sound levels in the tables above the performance curves).

The swing out motor and impeller unit permits maintenance and cleaning without disassembly of system components. The swing-out range of the

motor-impeller unit must be considered.

Impeller

Energy-saving centrifugal impeller with backward curved blades from high quality polymer.

Electrical connection

Terminal box (IP 54) mounted on running cable.

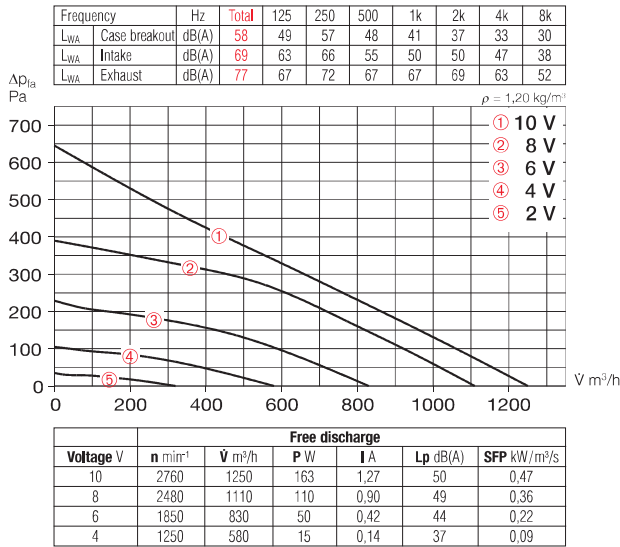
Protection class

With a connected pipe system IP 44.

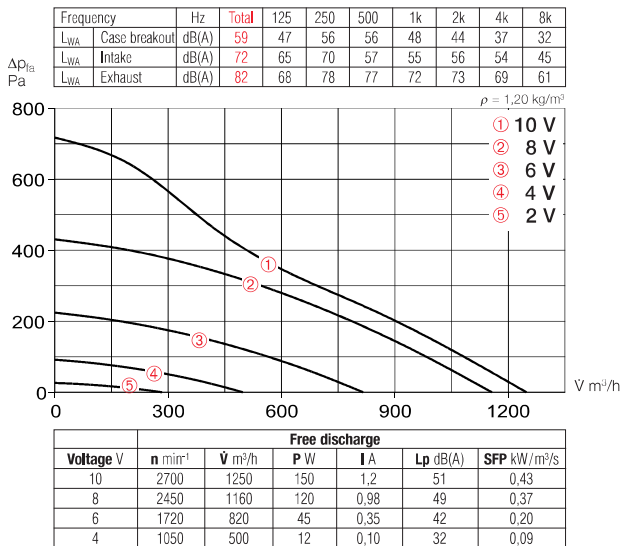
Type	Ref. no.	Connection Ø	Air flow volume (FID)	R.P.M.	Sound press. case breakout	Motor power	Current	Wiring diagram	max. air flow temperature	Weight net approx.	Universal control system		Speed-potentiometer flush		Speed-potentiometer surface	
											Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Type SilentBox® SB EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 44																
SB EC 250	9627	250	1250	2760	50	0.16	1.27	979	60	17.5	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
Type SVS EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 44																
SVS EC 250	6125	250	1250	2700	51	0.15	1.27	979	50	9.1	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735

¹⁾ Several EC fans can normally be connected. ²⁾ alternative electronic differential pressure/temp. controller (EDR/ETR, No. 1437/1438) or three step speed controller (SU/SA, No. 4266/4267), see accessories.

SB EC 250



SVS EC 250



Sound levels

Total sound power levels and the spectrum figures in dB(A) are given for:

- Sound level case breakout
- Sound level intake
- Sound level exhaust

In the table below as well as underneath the performance curve you can find additionally the sound pressure level at 1 m (free field conditions).

Accessory details Page

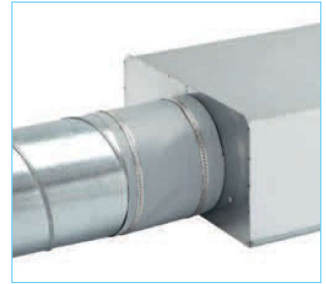
Filters, heater batteries and attenuators 421 on
 Temperature control systems for heater batteries 427, 431 on
 Flexible ventilation ducting, Grilles, adaptors, roof terminations 487 on
 Valves 508 on
 Universal control system, electronic controller, speed-potentiometer 539 on

Accessories

Flexible sleeve

Type FM 250 Ref. no. 1672

Supplied with two hose clips as standard; for installation between fan and duct system. Prevents sound and vibration transmission to ducting and corrects small site misalignments. For intake or extract two sleeves are needed for complete isolation.



Gravity shutter

Type VK 250 Ref. no. 0759

Automatic made from polymer, light grey.



Fixed grille

Type RAG 250 Ref. no. 0751

For covering air inlets and outlets on facades. Made from polymer, light grey.



Guard

Type SGR 250 Ref. no. 5067

For intake and extract installation. Made from galvanised steel.



Backdraught shutter

Type RSK 250 Ref. no. 5673

Automatic, made from metal.



Flexible circular attenuator

Type FSD 250 Ref. no. 0680

Spigotted aluminium attenuator with 50 mm insulation. Length 1 m.



Air filter box

LFBR 250 G4 Ref. no. 8580

LFBR 250 F7 Ref. no. 8534

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



Electric heater battery

EHR-R 6/250 6,0 kW No. 8712

- with integrated temp. control

EHR-R 6/250 TR 6,0 kW No. 5296

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



Temperature control system for electric heater battery EHR-R

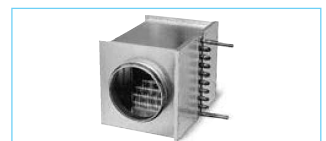
Type EHS Ref. no. 5002



Warm water heater battery

Type WHR 250 Ref. no. 9483

Compact heat exchanger for in-line installation.



Temperature control system for warm water heater battery

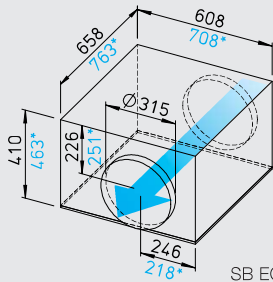
Type WHS HE Ref. no. 8319



SilentBox® SB EC



Virtually noise-free with high air flow volumes against high resistances. Ideal for maintenance and cleaning.



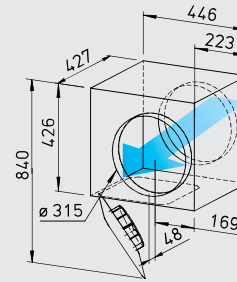
Dim, in mm

SB EC 315 A, *SB EC 315 B

SlimVent SVS EC



Ultra low profile. Ideal for applications with limited installation space. With sound-insulating mineral wool lining for particularly noise-free operation.



Dim, in mm

Similarities

SilentBox® SB EC and SlimVent SVS EC

Installation

Installation in any position without restriction – horizontally, vertically or pitched – suitable for intake or extract. Mounting bracket included in delivery.

Motor

Energy saving, speed controllable EC-external rotor motors with highest efficiency, protection to IP 54 (SB EC) or IP 44 (SVS EC). With ball bearings, maintenance-free and interference-free. Dynamically balanced for low noise operation.

Speed control

Stepless speed control with potentiometer or stepless speed control with universal control system (see table). Duties at different speeds are exemplarily given in the performance curve.

Motor protection

Integrated electronic temperature monitoring for EC-motor and electronics.

Sound levels

See page 351.

Specification SilentBox® EC

Casing

Like an internal attenuator. Acoustically lined with abrasive resistant 50 mm thick mineral fibreboard. Four quick release clamps permit easy access to the impeller set. Motor-impeller unit can swing-out, the swing-out range of the motor-impeller unit must be considered. Spigots on intake and exhaust twin-seal rubber gaskets fit standard ducts. All parts manufactured from galvanised sheet steel.

Impeller

With backward curved impeller. Inflow via inlet cone.

Electrical connection

Terminal box (IP 54) mounted on running cable (approx. 60 cm long).

Protection class

With a connected pipe system IP 54.

Specification SlimVent SVS EC

Casing

Extremely flat casing in longer design with more than 50 mm thick sound-absorbing mineral wool lining and glass fibre surface. The acoustic box which is placed in front of the fan reduces the sound level for the intake significantly. The sound level of the case breakout is reduced to a smaller extent (see sound levels in the tables above the performance curves).

The swing out motor and impeller unit permits maintenance and cleaning without disassembly of system components.

The swing-out range of the motor-impeller unit must be considered.

Impeller

Energy-saving centrifugal impeller with backward curved blades from high quality polymer.

Electrical connection

Terminal box (IP 54) mounted on running cable.

Protection class

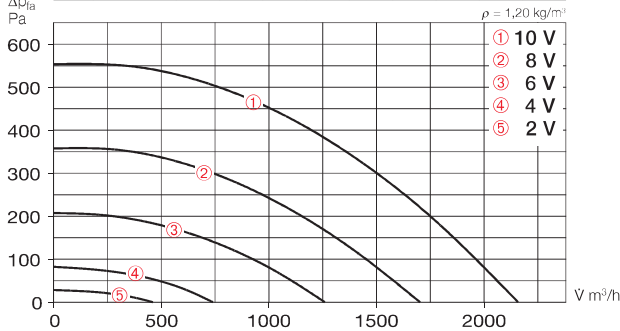
With a connected pipe system IP 44.

Type	Ref. no.	Connection Ø	Air flow volume (FID)	R.P.M.	Sound press. case breakout	Motor power	Current	Wiring diagram	max. air flow temperature	Weight net approx.	Universal control system		Speed-potentiometer flush		Speed-potentiometer surface	
											Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Type SilentBox® SB EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 54																
SB EC 315 A	6157	315	2160	2020	55	0.33	1.50	1066	60	34.0	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
SB EC 315 B	9628	315	2640	1650	51	0.31	1.36	1066	60	49.0	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735
Type SVS EC, 1 ph. motor, 230 V, 50/60 Hz, EC motor, IP 44																
SVS EC 315	6126	315	1630	2400	51	0.23	0.99	979	45	14.5	EUR EC ¹⁾²⁾	1347	PU 10 ¹⁾	1734	PA 10 ¹⁾	1735

¹⁾ Several EC fans can normally be connected. ²⁾ alternative electronic differential pressure/temp. controller (EDR/ETR, No. 1437/1438) or three step speed controller (SU/SA, No. 4266/4267), see accessories.

SB EC 315 A

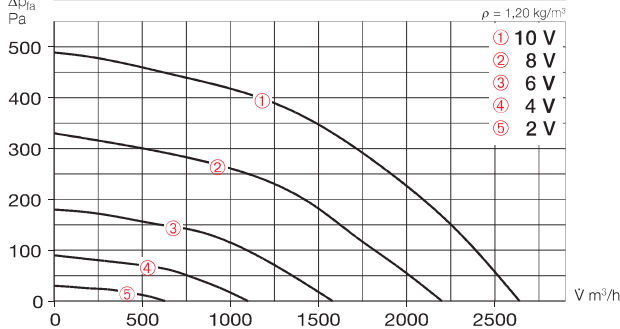
Frequency	Hz	Total	125	250	500	1k	2k	4k	8k
L _{WA} Case breakout	dB(A)	63	52	62	51	41	39	39	35
L _{WA} Intake	dB(A)	73	68	70	54	48	50	46	44
L _{WA} Exhaust	dB(A)	79	70	78	67	65	61	57	55



Free discharge						
Voltage V	n min ⁻¹	V m³/h	P W	I A	Lp dB(A)	SFP kW/m³/s
10	2020	2160	330	1.44	55	0,55
8	1620	1700	170	0,76	51	0,36
6	1210	1260	75	0,34	45	0,21
4	770	740	25	0,15	36	0,12

SB EC 315 B

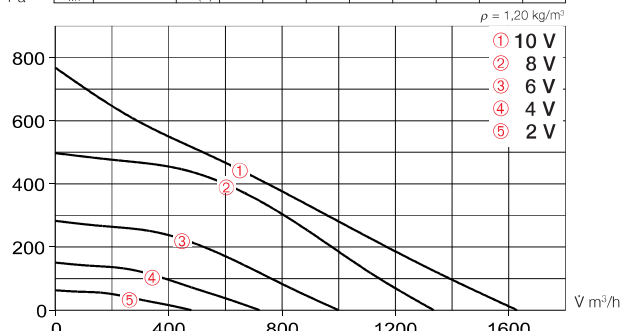
Frequency	Hz	Total	125	250	500	1k	2k	4k	8k
L _{WA} Case breakout	dB(A)	59	56	57	43	34	30	27	27
L _{WA} Intake	dB(A)	69	67	64	50	41	40	39	37
L _{WA} Exhaust	dB(A)	77	75	72	62	61	57	55	53



Free discharge						
Voltage V	n min ⁻¹	V m³/h	P W	I A	Lp dB(A)	SFP kW/m³/s
10	1650	2640	280	1,23	51	0,38
8	1350	2200	155	0,68	47	0,25
6	1000	1580	70	0,31	42	0,16
4	700	1100	26	0,13	37	0,09

SVS EC 315

Frequency	Hz	Total	125	250	500	1k	2k	4k	8k
L _{WA} Case breakout	dB(A)	59	45	53	56	49	47	42	38
L _{WA} Intake	dB(A)	73	67	66	57	60	64	60	56
L _{WA} Exhaust	dB(A)	82	67	70	79	72	76	71	67



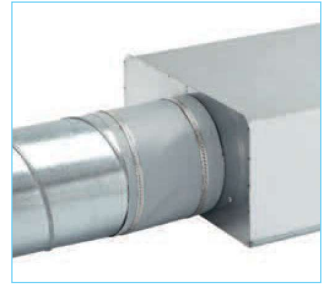
Free discharge						
Voltage V	n min ⁻¹	V m³/h	P W	I A	Lp dB(A)	SFP kW/m³/s
10	2700	1630	220	0,96	51	0,49
8	2240	1330	130	0,57	47	0,35
6	1680	1000	60	0,25	41	0,22
4	1200	720	25	0,13	34	0,13

Accessories

Flexible sleeve

Type FM 315 Ref. no. 1674

Supplied with two hose clips as standard; for installation between fan and duct system. Prevents sound and vibration transmission to ducting and corrects small site misalignments. For intake or extract two sleeves are needed for complete isolation.



Gravity shutter

Type VK 315 Ref. no. 0760

Automatic made from polymer, light grey.



Fixed grille

Type RAG 315 Ref. no. 0752

For covering air inlets and outlets on facades. Made from polymer, light grey.



Guard

Type SGR 315 Ref. no. 5068

For intake and extract installation. Made from galvanised steel.



Backdraught shutter

Type RSK 315 Ref. no. 5674

Automatic, made from metal.



Flexible circular attenuator

Type FSD 315 Ref. no. 0681

Spigotted aluminium attenuator with 50 mm insulation. Length 1 m.



Air filter box

LFBR 315 G4 Ref. no. 8581

LFBR 315 F7 Ref. no. 8535

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



Electric heater battery

EHR-R 6/315 6,0 kW No. 8713

- with integrated temp. control

EHR-R 6/315 TR 6,0 kW No. 5301

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



Temperature control system for electric heater battery EHR-R

Type EHS Ref. no. 5002



Warm water heater battery

Type WHR 315 Ref. no. 9484

Compact heat exchanger for in-line installation.



Temperature control system for warm water heater battery

Type WHS HE Ref. no. 8319