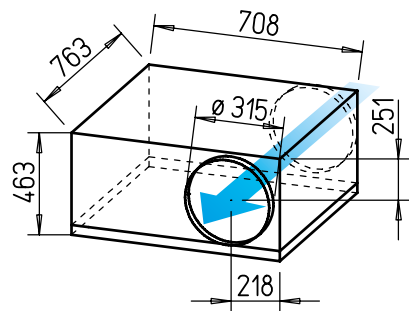


SBD 315



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

Dimensions SBD 315



Dim. in mm

■ 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. 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 made of high-quality plastic. Dynamically balanced for low-noise operation. Inlet via nozzle.

■ Motor

Enclosed, ball bearing mounted external rotor motor with humidity protection, insulation class F, for continuous operation and maintenance-free.

■ Motor protection

With external thermal contacts on the terminal block, which must be wired to the motor protection circuit breaker (see type table).

■ Power control

Possible through voltage reduction using 5-step transformer or electronic (continuously variable).

■ Electrical connection

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

■ Protection category

IP54.

■ Installation

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

■ Noise

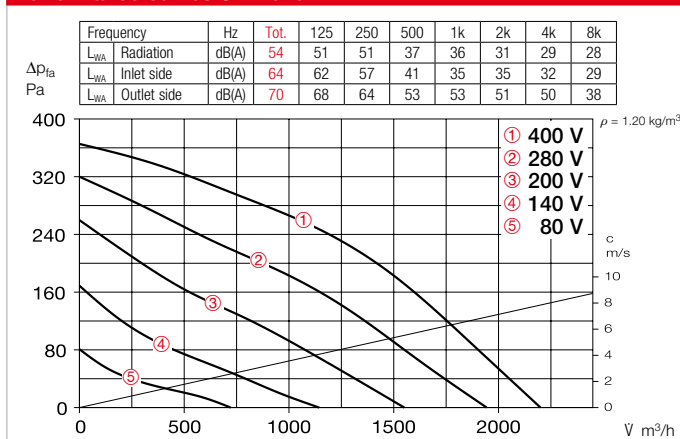
The total level and range are specified above the performance diagram for

- Case-radiated sound power
- Inlet/outlet side sound power in dB(A).
- The case-radiated noise as sound pressure at 1 m (free field conditions) are also specified in the type table.

Type	Ref. no.	Flow rate	Rated	Sound	Power	Power consump.		Wiring	Max air flow temp.		Weight net	Speed controller 5-step			
		Free blowing	speed	press. case radiation	consum.	at rated voltage	with control		at rated voltage	with control		approx.	without motor prot. circ. breaker		with motor prot. circ. breaker
		ℳ m³/h	min ⁻¹	db(A) in 1m	W	A	A	No.	+ °C	+ °C	kg	Type	Ref. no.	Type	Ref. no.
Type SBD, Three-phase current motor, 230/400 V, 50 Hz, IP54															
SBD 315 A	09718	2200	1350	47	215	0.73/0.42	0.44	860	60	60	46.0	TSD 0.8 ¹⁾	01500	RDS 1	01314

¹) Motor protection circuit breaker required, Type MD, No. 05849, see accessories.

Performance curves SBD 315 A



Accessory details Page

Filters, heating elements and silencers	483 ff.
Temperature control systems for heating elements	489, 493 ff.
Flexible ventilation ducts, ventilation grilles, fittings, roof outlets	563 ff.
Disc valves	584 ff.
Universal control system, electronic controllers, speed potentiometer	615 ff.

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 486 for detailed description.