

RR 200



RRK 200



Alternative in corrosion-resistant and impact-resistant plastic casing.

SVR 200



SlimVent – Slimline space saver with retractable motor-impeller unit.

■ **Power control**
From 0 – 100 % possible using electronic controller or step transformer (see table).

■ **Electrical connection**
Terminal box (IP44) on outside of casing.

■ **Impeller**
Centrifugal, with backward curved blades made of plastic. Directly pressed on motor and dynamically balanced as a unit. Low-noise, high level of efficiency.

■ **Protection category**
IP44

Description SVR

■ **Casing**
Flat casing in compact design made of galvanised steel sheet. Connectors and lip seal on inlet and outlet side for standard duct Ø.
The retractable motor-impeller unit allows inspection and cleaning without dismantling components. The swivelling range must be considered for the inspection opening.

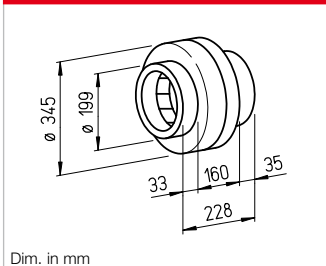
■ **Power control**
From 0 – 100 % possible using electronic controller or step transformer (see table).

■ **Electrical connection**
Terminal box (IP54) mounted to external cable.

■ **Impeller**
Energy-saving centrifugal impeller with backward curved blades made of high-quality plastic. Dynamically balanced for low-noise operation.

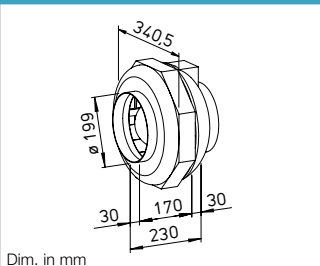
■ **Protection category**
IP44 with connected duct system.

Dimensions RR 200



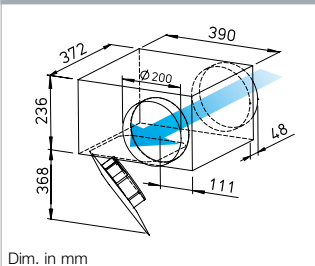
Dim. in mm

Dimensions RRK 200



Dim. in mm

Dimensions SVR 200



Dim. in mm

For the delivery of medium and small air volumes against high resistances.

Specifically designed for direct insertion in duct systems. High pressure performance for overcoming friction losses, deflection losses and aggregate resistances. For various applications in commercial, industrial and residential areas.

■ Special features

- Low space requirement and installation costs due to linear throughflow.
- No need for elaborate deflectors.
- Connectors on inlet and outlet side correspond to standard duct Ø.
- Performance adjustment through 100% speed control.
- Can be used in any position.
- Wide range of accessories.
- Aerodynamically optimised casing design.

Common features

■ Motor

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

■ Motor protection

Through built-in thermal contacts wired in series to the winding, automatic deactivation and reactivation after cooling.

■ Installation

No restrictions in any position (horizontal, vertical, diagonal) through corresponding installation for supply or extract ventilation (exception: SVR must not be installed with the retractable motor-impeller unit upward). Installation in duct system, preferably away from the room to be ventilated for less noise.

■ Noise

See page 400.

Description RR

■ Casing

Made of galvanised steel sheet, robust for harsh operating conditions. Inlet and outlet side connection dimensions correspond to standard duct Ø.

■ Power control

From 0 – 100 % possible using electronic controller or step transformer (see table). Two level operation with type RR 200 A using Type DS 2/2 (Accessories).

DS 2/2 Ref. no. 01267

■ Electrical connection

Terminal box (IP54) on outside of casing.

■ Impeller

Centrifugal, with backward curved blades made of plastic. Directly pressed on motor and dynamically balanced as a unit. Low-noise, high level of efficiency.

■ Protection category

Protection category IP44 through inlet and outlet-side installation in a duct system which prevents the ingress of rainwater.

Description RRK

■ Casing

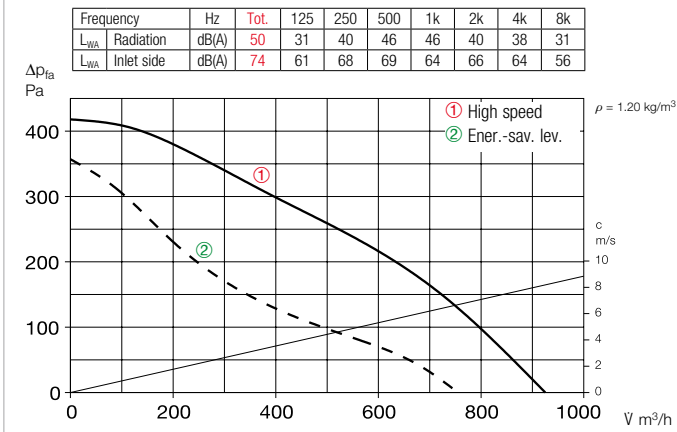
All components made of corrosion-resistant and impact-resistant plastic. Six built-in guide blades additionally increase the level of efficiency. Colour: Silver-grey.

Type	Ref. no.	Flow rate	Rated speed	Sound press.	Power consum.	Power consum.	Wiring diagram	Max air flow temp.		Wgt net aprx.	Transformer speed controller 5-step	Electronic ²⁾ Speed controller, cont. var. flush-mount. / surf-mount.	
		Free blowing		case radiation				at rated voltage	with control			Ref. no.	Ref. no.
		V m³/h	min⁻¹	dB(A) in 1 m	W	A	No.	+ °C	+ °C	kg	Type		
Type RR, Single-phase alternating current, 230 V, 50 Hz, Capacitor motor, IP44 (Type RR 200 B, IP33)													
RR 200 A ¹⁾	05658	960 ¹⁾ /760	2630 ¹⁾ /1980	43	129 ¹⁾ /85	0.57 ¹⁾ /0.38	0.57	934.1	60	60	4.2	TSW 1.5 01495	ESU 1 / ESA 1 00236 / 00238
RR 200 B	05659	980	2750	44	145	0.63	0.78	508	70	60	5.0	TSW 1.5 01495	ESU 1 / ESA 1 00236 / 00238
Type RRK, Single-phase alternating current, 230 V, 50 Hz, Capacitor motor, IP44													
RRK 200	05977	870	2370	38	95	0.41	0.41	508	70	60	3.4	TSW 1.5 01495	ESU 1 / ESA 1 00236 / 00238
Type SVR, Single-phase alternating current, 230 V, 50 Hz, Capacitor motor, IP33													
SVR 200 K	02673	980	2730	57	154	0.67	0.81	508	70	50	8.4	TSW 1.5 01495	ESU 1 / ESA 1 00236 / 00238

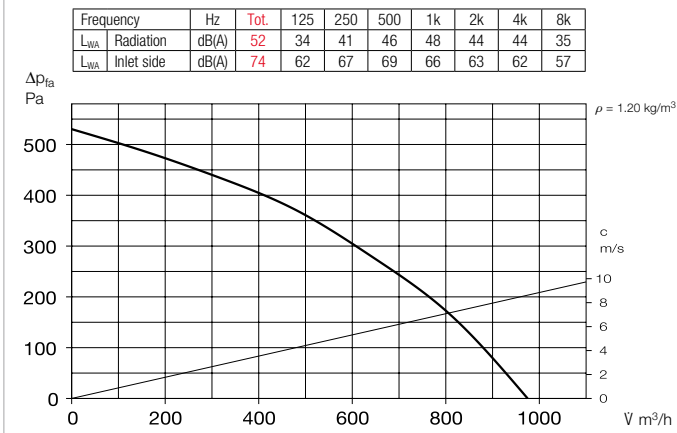
¹⁾ Type with high speed; with additional energy-saving level as standard (see performance diagram).

²⁾ Transformer control units must be provided in noise-relevant cases. Electronic phase angle control can cause disturbing magnetisation humming.

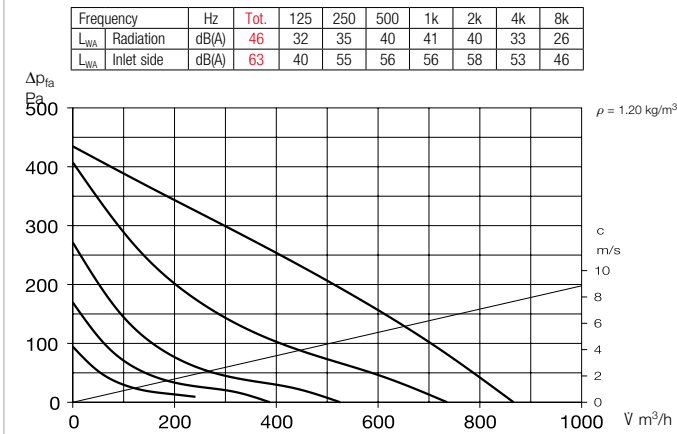
Performance curves RR 200 A



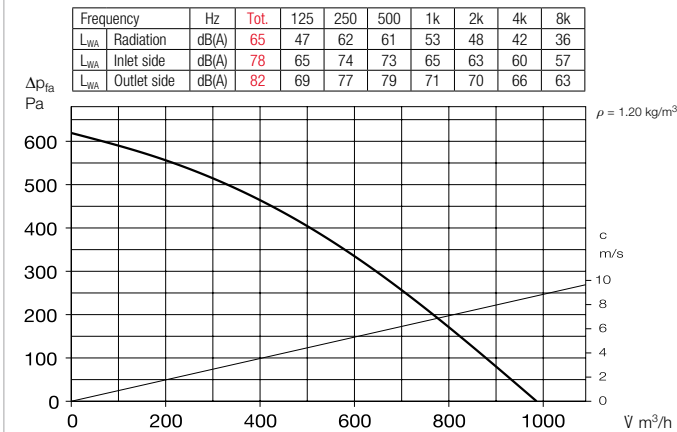
Performance curves RR 200 B



Performance curves RRK 200



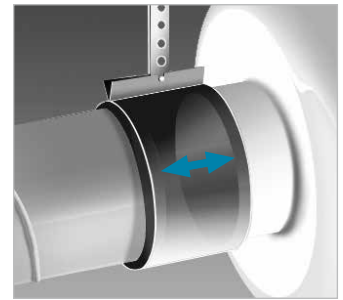
Performance curves SVR 200 K



Accessories

Pipe clamp connectors

BM 200 Ref. no. 05078
For structure-borne noise-free connection of fan and piping and for suspension (1 set = 2 pcs). Mount ventilation duct and fan connector at a distance and fold sleeve over during installation.



Mounting bracket for RR

MK 4 Ref. no. 05824

Mounting bracket for RRK

MK 2 Ref. no. 05822

Made of galvanised steel sheet.



External wall shutter

VK 200 Ref. no. 00758

Made of plastic, light grey.



External wall cover grille

RAG 200 Ref. no. 00750

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

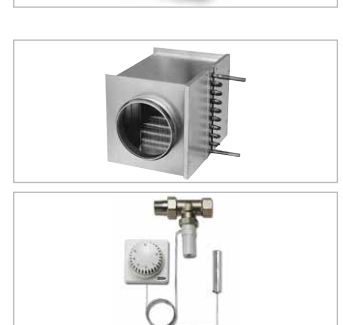
EHR-R

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 Ref. no. 08817

* See product page 486 for detailed description.