For medium to smaller air flow volumes against high resistances.

Specifically made for in-duct installation. High pressure characteristic to overcome resistances of bends, filters etc. Universal in application for domestic, commercial and industrial purposes.

Special features

- ☐ Less space required and simple site installation of the compact in line design.
- ☐ Its simplicity reduces site costs.
- ☐ Supply and exhaust air spigots fit all standard circular duct sizes.
- ☐ Power adjustment by 100% variable speed control.
- ☐ Installation in any position.
- ☐ Wide range of accessories.
- ☐ Aerodynamically optimized casing design.

Common features

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

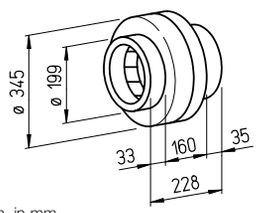
☐ Motor protection
Automatically switches off and on again after cooling due to built-in thermal contacts with the winding wired in series.

☐ Installation
Can be mounted in any position – horizontal, vertical or diagonal – suitable for supply and extract ventilation by correct installation. To minimise the effective noise level it is recommended that the fan is installed as remote as possible from the ventilated space.

☐ Sound levels
See page 333.

RR

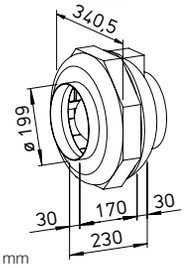
Market-leading series offering excellent value for money.
With energy saving mode as standard.



Dim. in mm

RRK

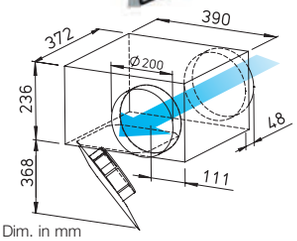
Alternative in corrosion and impact resistant polymer casing.



Dim. in mm

SVR

SlimVent – Exceptionally flat space saving miracle with swing out motor and impeller unit.



Dim. in mm

Specification RR

☐ Casing
Robust casing from galvanised sheet steel for harsh operating conditions. Intake and exhaust Spigots on intake and exhaust fit standard ducts.

☐ Speed control
From 0 – 100% by means of electronic controller or step transformer (see table).
Two-speed operation possible for Type RR 200 A using Type DS 2/2 (accessories).
Type DS 2/2 Ref. no. 1267

☐ Electrical connection
Terminal box (IP 54) located on outer casing.

☐ Impeller
Centrifugal impeller with backward curved polymer blades. Directly mounted to motor and dynamically balanced as a unit. Low-noise, highly efficient.

☐ Protection class
When installed in intake and exhaust ducting and rainwater penetration is prevented, the fan is rated IP 44.

Specification RRK

☐ Casing
All components made from corrosion and impact resistant polymer. Six built-in guide vanes also increase the level of efficiency. Colour: Silver-grey.

☐ Speed control
From 0 – 100% by means of electronic controller or step transformer (see table).

☐ Electrical connection
Terminal box (IP 54) located on outer casing.

☐ Impeller
Centrifugal impeller with backward curved polymer blades. Directly mounted to motor and dynamically balanced as a unit. Low-noise, highly efficient.

☐ Protection class
IP 44

Specification SVR

☐ Casing
Flat and robust casing from galvanised sheet steel. Spigots on intake and extract with twin-seal rubber gaskets fit into standard ducts. Particularly service-friendly (cleaning) through swing out motor and impeller unit without disassembly of system components. Space for the swing out facility must be considered.

☐ Speed control
From 0 – 100% by means of electronic controller or step transformer (see table).

☐ Electrical connection
Terminal box (IP 54) fitted to running cable.

☐ Impeller
Energy-saving centrifugal impeller with forward curved blades. Dynamically balanced for low noise operation.

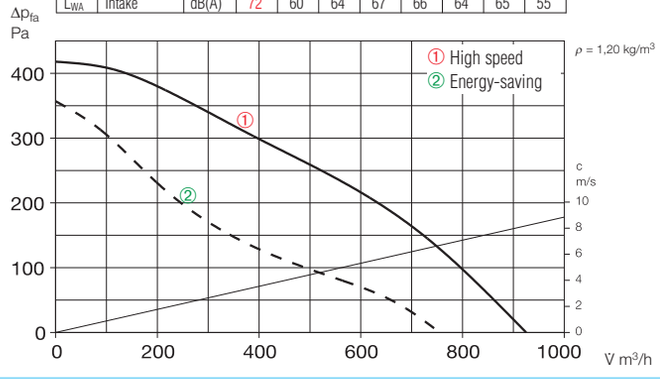
☐ Protection class
When installed in ducting IP 44.

Type	Ref. no.	Air flow volume (FID)	Nominal R.P.M.	Sound press. case breakout	Power consumption	Current full load	Current control	Wiring diagram	max. air flow temp. full load	max. air flow temp. control	Weight net approx.	Transformer-speed controller 5-step Type	Ref. no.	Electronic* speed controller, stepless flush / surface Type	Ref. no.
		V̇ m³/h	min⁻¹	db(A) in 1 m	W	A	A	No.	+°C	+°C	kg				
Type RR, 1 phase motor, 230 V, 50 Hz, capacitor motor, IP 44 (Type RR 200 B, IP 33)															
RR 200 A[1]	5658	930[1]/760	2580[1]/1830	47	115[1]/85	0.51[1]/0.39	0.51	934.1	60	60	4.6	**TSW 1,5**	1495	**ESU 1 / ESA 1**	0236 / 0238
RR 200 B	5659	980	2750	44	145	0.63	0.78	508	70	60	5.0	**TSW 1,5**	1495	**ESU 1 / ESA 1**	0236 / 0238
Type RRK, 1 phase motor, 230 V, 50 Hz, capacitor motor, IP 44															
RRK 200	5977	780	2395	56	115	0.50	0.50	508	60	50	3.6	**TSW 1,5**	1495	**ESU 1 / ESA 1**	0236 / 0238
Type SVR, 1 phase motor, 230 V, 50 Hz, capacitor motor, IP 33															
SVR 200 K	2673	980	2730	57	154	0.67	0.81	508	70	50	8.4	**TSW 1,5**	1495	**ESU 1 / ESA 1**	0236 / 0238

[1] Type with high speed; standard with additional energy-saving speed level (see performance diagram).
* In noise relevant cases transformer controller must be provided. An electronic controller can trigger a distracting magnetisation noise.

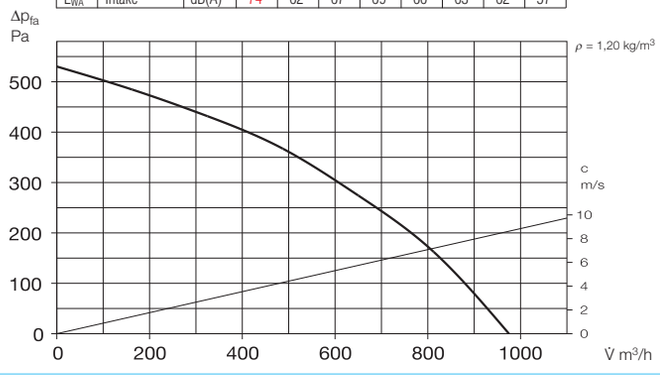
RR 200 A

Frequency		Hz	Total	125	250	500	1k	2k	4k	8k
L_{WA}	Case breakout	dB(A)	54	31	42	46	50	47	48	34
L_{WA}	Intake	dB(A)	72	60	64	67	66	64	65	55



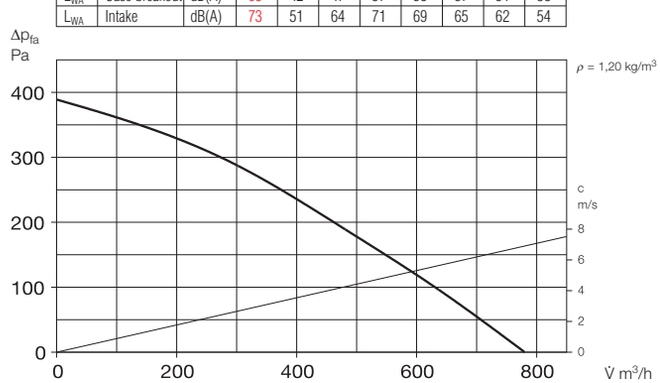
RR 200 B

Frequency		Hz	Total	125	250	500	1k	2k	4k	8k
L_{WA}	Case breakout	dB(A)	52	34	41	46	48	44	44	35
L_{WA}	Intake	dB(A)	74	62	67	69	66	63	62	57



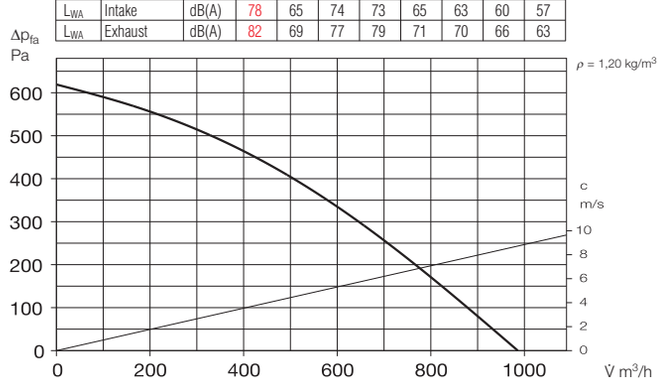
RRK 200

Frequency		Hz	Total	125	250	500	1k	2k	4k	8k
L_{WA}	Case breakout	dB(A)	63	42	47	57	58	57	51	38
L_{WA}	Intake	dB(A)	73	51	64	71	69	65	62	54



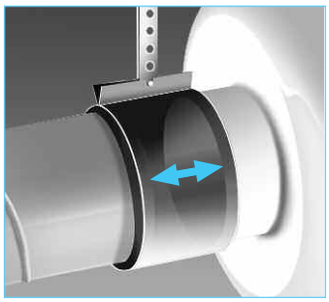
SVR 200 K

Frequency		Hz	Total	125	250	500	1k	2k	4k	8k
L_{WA}	Case breakout	dB(A)	65	47	62	61	53	48	42	36
L_{WA}	Intake	dB(A)	78	65	74	73	65	63	60	57
L_{WA}	Exhaust	dB(A)	82	69	77	79	71	70	66	63



Accessories

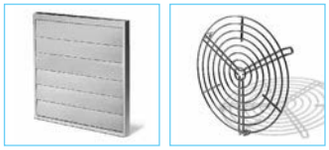
Pipe clamp connectors
Type BM 200 Ref. no. 5078
A quick-fix method for connecting fans to ducting, reducing vibration transmission (1 kit = 2 pieces). When installing leave a little gap between fan and ducting.



Mounting feet for RR
Type MK 4 Ref. no. 5824
Mounting feet for RRK
Type MK 2 Ref. no. 5822
Made from galvanised steel sheet.

Gravity shutter
Type VK 200 Ref. no. 0758
Made from polymer, light grey.

Rain repellent grille
Type RAG 200 Ref. no. 0750
Made from polymer, light grey.



Guard
Type SGR 200 Ref. no. 5066
For intake and exhaust installation on fan, made from galvanised steel.

Backdraught shutter
Type RSK 200 Ref. no. 5074
Automatic, made from metal.

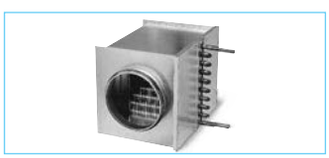
Flexible attenuator
Type FSD 200 Ref. no. 0679
Spigotted aluminium attenuator with 50 mm insulation. Length 1 m.

Air filter box
LFBR 200 G4 Ref. no. 8579
LFBR 200 F7 Ref. no. 8533
Air filter with large surface area to be installed in-line with ducting.

Electric heater batteries
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 required (TFK/TFR, accessory).

Temperature control system for electric heater batteries 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