

Aventa Silent

Domestic and light commercial facilities



KEY FEATURES

- In-Line mixed flow fan
- High performance characteristics - powerful air flow (up to 2050 m³/h) and high pressure
- Sound insulated casing - ensures quiet operation
- Compatible with ducting 100 - 315 mm dia
- Suitable for variable speed control
- Energy efficient 2 speed motors
- IPX4 rating
- Complies with Building Regulations
- 2 year warranty

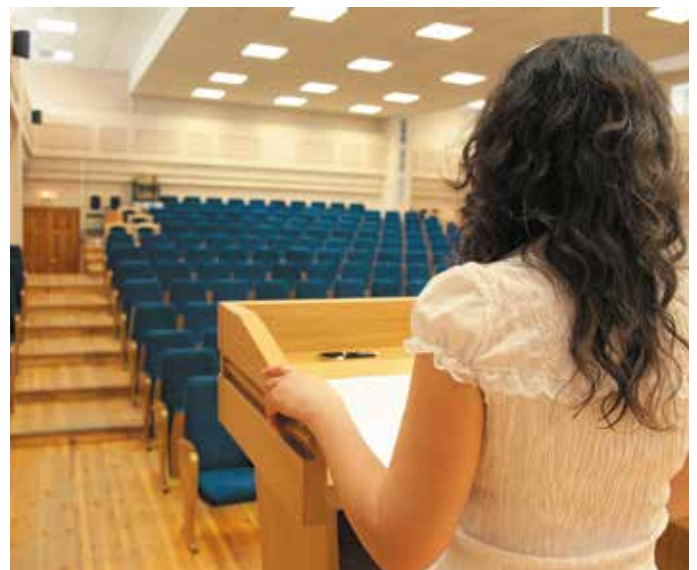
Aventa Silent range

The durable external casing is made of polymer coated steel. The inner casing perforation let's sound waves pass through the holes and fall at a specific angle to the sound absorbing layer. The casing is internally heat and sound insulated with a 50 mm mineral layer and the conic impeller with special blade profiling increases air flow speed and provides higher pressure.

The diffuser, specially profiled impeller and directing vanes at the outlet from the fan casing distribute air flow in such a way as to attain the best combination of performance and pressure at low noise levels.

The fans can be mounted at any place or angle within the ductwork. Several fans can be installed in parallel in the same system to achieve a higher air capacity or in series to achieve higher pressure.

Recommended as a component of an air handling systems for commercial and industrial premises where noise levels need to be kept to a minimum, for example, libraries, conference rooms, educational institutions and crèches.



MODELS

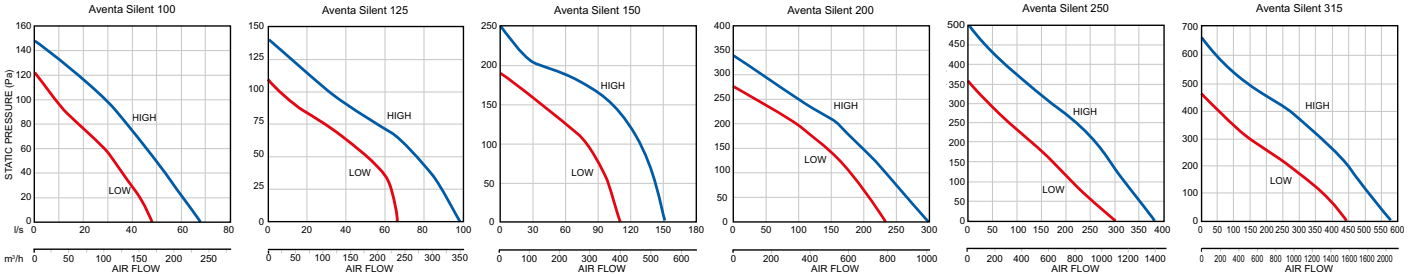


Basic Control by optional switch (switch not included)

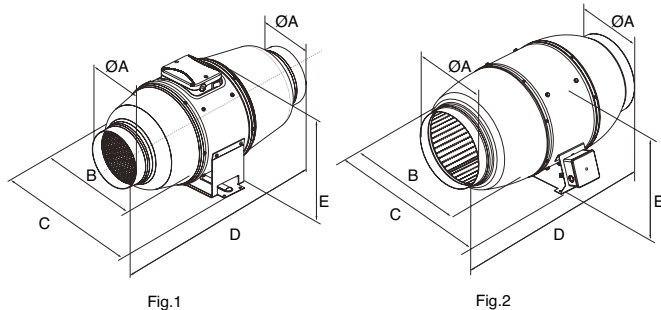
TECHNICAL DATA

Specification	Aventa Silent AVS100	Aventa Silent AVS125	Aventa Silent AVS150	Aventa Silent AVS200	Aventa Silent AVS250	Aventa Silent AVS315
Air flow m ³ /h	170 / 240	230 / 340	405 / 555	810 / 1020	1110 / 1400	1570 / 2050
Air flow l/s	47 / 67	64 / 94	112 / 154	225 / 283	308 / 389	436 / 569
Fan type	Mixed Flow	Mixed Flow	Mixed Flow	Mixed Flow	Mixed Flow	Mixed Flow
Controls	Basic	Basic	Basic	Basic	Basic	Basic
Mounting	In-Line	In-Line	In-Line	In-Line	In-Line	In-Line
Sound Pressure dB(A)@3m	24 / 29	23 / 28	26 / 33	31 / 36	34 / 38	36 / 40
Power Watts	24 / 26	25 / 30	45 / 52	78 / 110	125 / 177	230 / 330
Amps	0.10 / 0.11	0.11 / 0.13	0.20 / 0.23	0.35 / 0.49	0.54 / 0.79	1.0 / 1.42
Building Regulations ADF	Yes	Yes	Yes	Yes	Yes	Yes
Duct diameter (mm)	100	125	150	200	250	315
Voltage	230 V / 1 ph / 50 Hz	230 V / 1 ph / 50 Hz	230 V / 1 ph / 50 Hz	230 V / 1ph / 50Hz	230 V / 1 ph / 50 Hz	230 V / 1 ph / 50 Hz
Rating	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Material finish	Polymer Coated Steel	Polymer Coated Steel	Polymer Coated Steel	Polymer Coated Steel	Polymer Coated Steel	Polymer Coated Steel
Weight (kg)	4.6	4.6	6.1	8	15	25
Dimensions (H x W x D) mm	237 x 505 x 243	237 x 474 x 243	260 x 580 x 274	295 x 550 x 386	360 x 658 x 445	434 x 780 x 520
Part No.	90000358	90000359	90000360	90000361	90002105	90002106
Speed controller No.	9041565	9041565	9041565	9041565	9041565	9041565

PERFORMANCE



DIMENSIONS (mm)



Model	AØ	B	C	D	E	Figure No
AVS 100	98	215	243	505	237	1
AVS 125	123	215	243	474	237	1
AVS 150	147	247	274	580	260	1
AVS 200	198	293	389	550	295	2
AVS 250	248	358	445	658	360	2
AVS 315	313	432	520	780	434	2

CONTROLS AND ACCESSORIES

A range of accessories including flexible and rigid ducting kits, controls, switches and grilles are available.

See accessories for more details.

Call: 01494 525252

Visit: airflow.com



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