



Features

- Supply of small to medium air volumes at high resistances.
- Ideal for renovation and retrofitting due to external installation.
- Optimised efficiency, low maintenance costs.
- Centrifugal impellers made from synthetic material, with backwards curved blades.
- Inlet-side mountings for installation in ventilation ducts.
- Integrated shutter.

Mounting instructions

- For installation on the external wall.

Motor

- Capacitor motor.
- Speed controllable.
- Thermal overload protection as standard feature.
- Robust motor with ball bearings, maintenance-free.
- IP X4 degree of protection when installed in ventilation ducts with at least 1 m of duct on the inlet side.

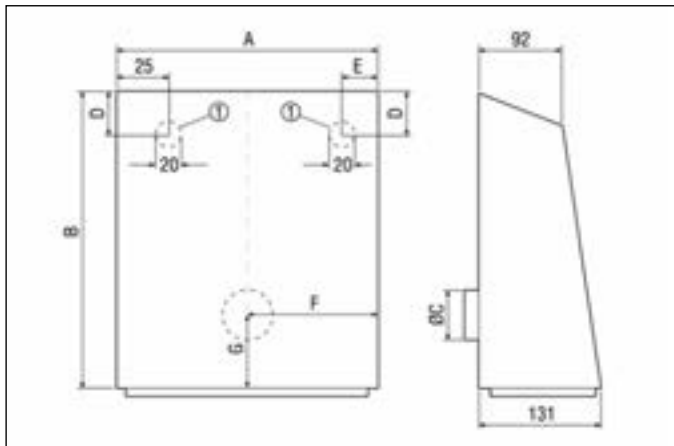
Safety instructions

- The fan can be operated only if the protection against accidental contact with the impeller is guaranteed to be in accordance with DIN EN 13857 for fans with a free inlet.

Technical data

Article	Art. No.	U _{nom}	f _{nom}	Air flow volume	Rotating speed	P _{nom}	I _{max}	T _{max} at I _{max}	Sound power level L _{WA5}	Insulation class	Weight
		V	Hz	m ³ /h	1/min	W	A	°C	dB(A)		kg
AWV 10	0080.0994	230	50	220	1,450	62	0.28	30	60	B	4.4
AWV 10 S	0080.0995	230	50	320	2,305	68	0.3	40	67	B	4.4
AWV 15	0080.0996	230	50	340	2,180	70	0.3	40	70	B	4.8
AWV 15 S	0080.0997	230	50	620	2,620	111	0.52	40	74	B	7.3
AWV 20	0080.0998	230	50	650	2,620	112	0.52	40	76	B	7.6
AWV 20 S	0080.0999	230	50	740	2,510	162	0.7	40	77	B	7.9

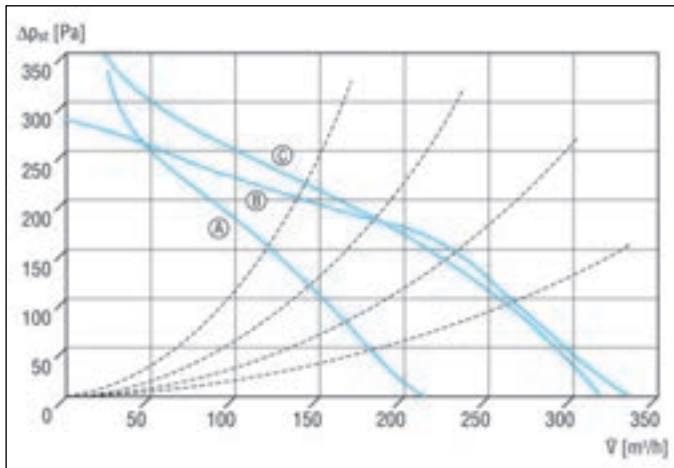
Dimensions [mm]



① Cable entries

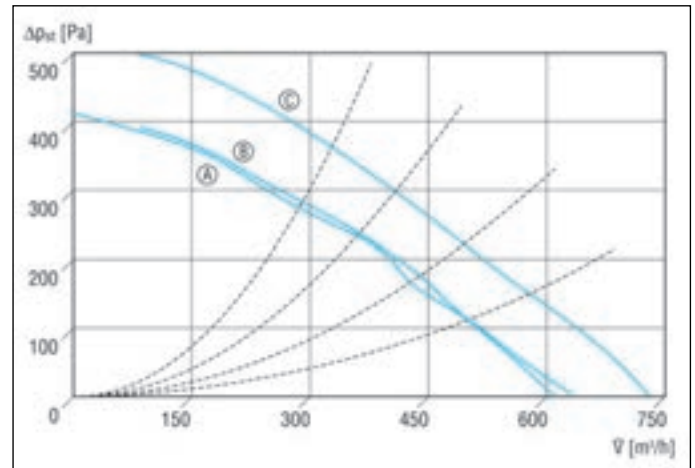
Article	A	B	C	D	E	F	G
AWV 10	260	357	99	35	50	130	150
AWV 10 S	260	357	99	35	50	130	150
AWV 15	260	357	149	35	50	130	150
AWV 15 S	360	440	149	45	45	180	180
AWV 20	360	440	199	45	45	180	180
AWV 20 S	360	440	199	45	45	180	180

Characteristic curves for AWV 10, AWV 10 S, AWV 15



① AWV 10 ② AWV 15 ③ AWV 10 S

Characteristic curves for AWV 15 S, AWV 20, AWV 20 S



① AWV 20 ② AWV 15 S ③ AWV 20 S

Accessories

	AWV 10	AWV 10 S	AWV 15	AWV 15 S	AWV 20	AWV 20 S	see
General accessories							
Tubular sound absorber	RSR 10 RSR 10/50	RSR 10 RSR 10/50	RSR 15 RSR 15/50	RSR 15 RSR 15/50	RSR 20 RSR 20/50	RSR 20 RSR 20/50	p. 334
Air filter	TFE 10-4 TFE 10-5 TFE 10-7	TFE 10-4 TFE 10-5 TFE 10-7	TFE 15-4 TFE 15-5 TFE 15-7	TFE 15-4 TFE 15-5 TFE 15-7	TFE 20-4 TFE 20-5 TFE 20-7	TFE 20-4 TFE 20-5 TFE 20-7	p. 334
Speed controller	ST 1 STU 1	ST 1 STU 1	ST 1 STU 1	ST 1 STU 1	ST 1 STU 1	ST 1 STU 1	p. 430
5-step transformer	TRE 0,4-1	TRE 0,4-1	TRE 0,4-1	TRE 0,6-1	TRE 0,6-1	TRE 1,6-1	p. 431