

## AW Sileo Axial Fan

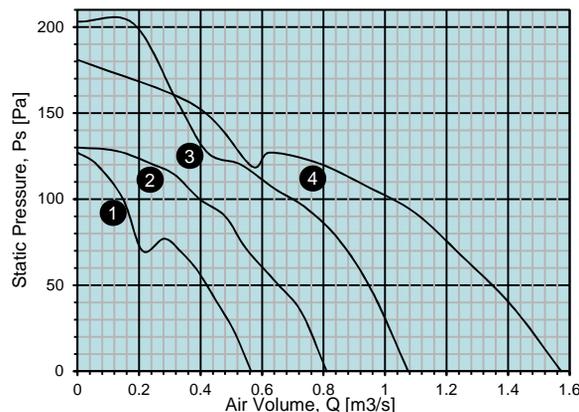
### Features

- Speed controllable by voltage reduction, plus option of 2-step operation by D/Y switching for 400V versions.
- Inlet protection guard safe and maintenance free operation.
- Can be installed in any mounting position
- Electric connection via terminal box mounted on the motor
- Single phase fans are supplied with capacitor

Axial fans of the AW sileo range do have a bionic shape of the fan blade, and are driven by external rotor motors. The AW range is equipped with a square wall plate, galvanized steel and powder coated in black (RAL9005). The protection guard at the inlet side is powder coated in black. The axial impeller is manufactured from black high efficiency composite material. The impeller is balanced dynamically in two levels in accordance with DIN ISO 1940 part 1, quality G6.3.

The motors are equipped with thermal contacts for motor protection, with leads to be connected to a motor protection unit, for example Systemair unit S-ET.

### Performance curves



- ① AW Sileo 300E4
- ② AW Sileo 350E4
- ③ AW Sileo 400E4
- ④ AW Sileo 450E4-K



### Technical data

AW Sileo		300E4	350E4	400E4	450E4-K
Voltage	V	230	230	230	230
Frequency	Hz	50	50	50	50
Phase	-	1	1	1	1
Maximum Motor Input power (P1)	W	113	229	322	490
Current	A	0.42	0.77	1.05	1.75
Max. airflow	m³/h	2034	2916	3870	5663
Fan impeller speed	r.p.m.	1330	1230	1340	1290
Max. temperature of transported air	°C	60	60	65	70
Sound pressure level at 1m	dB(A)	58	63	63	72
Weight	kg	5.5	8.3	9.3	11.5
Insulation class		B	B	B	B
Capacitor	µF	3	5	5	7
Enclosure class, motor	IP	44	44	44	44

\* Performance certified is for installation type A – Free inlet, Free outlet. \* Speed (RPM) shown is nominal. Performance is based on actual speed of test.

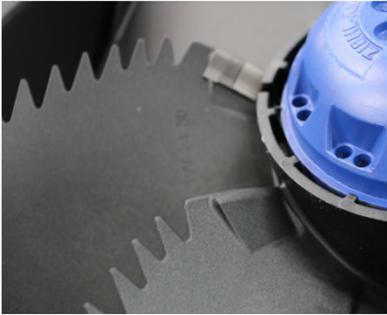
\* Performance ratings do not include the effects of appurtenances (accessories). \* Sound pressure level at 1m are not licensed by AMCA International.

### Sound data

Model	63	125	250	500	1k	2k	4k	8k
300E4	57	64	53	57	58	59	55	46
350E4	59	71	64	64	61	60	56	51
400E4	58	70	70	62	63	63	59	52
450E4-K	58	76	70	66	66	65	62	56

Following is the outlet Lwo sound power levels (dB) in eight octave bands at maximum airflow (0Pa)

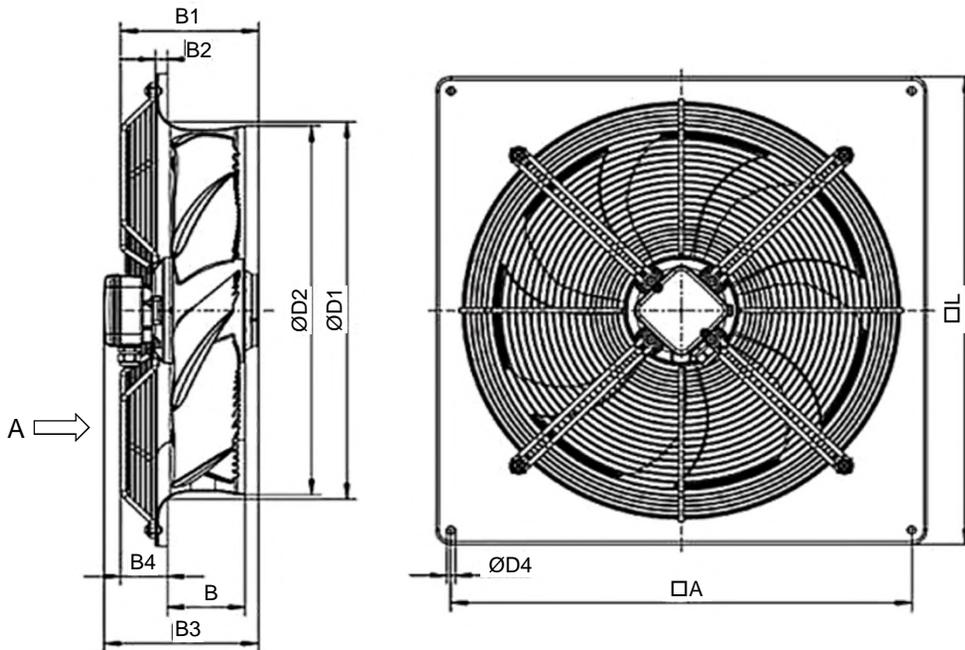
- The sound power level ratings shown are in decibels, referred to 10<sup>-12</sup> watts, calculated per AMCA International Standard 301. Values shown are for outlet Lwo sound power levels for installation type A : free inlet, free outlet.



Axial impeller is manufactured from black high efficiency composite material.



Protection guard at the inlet side is powder coated in black.



Dimensions

AW Sileo	□A	B	B1	B2	B3	B4	ØD1	ØD2	ØD4	□L	In metric
300E4	380	69	103	11	165	28	326	-	9	430	
350E4	435	68	132	12	173	49	390	-	9	485	
400E4	490	88	146	12	182	54	420	412	9	540	
450E4-K	535	96	148	14	186	40	480	463	11	575	

A = Air direction



Systemair Sdn Bhd certifies that the AW Sileo Axial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.