

## AW sileo

- Speed controllable by voltage reduction, plus option of 2-step operation by D/Y switching for 400V versions
- Inlet protection guard up to size 630, for bigger sizes as accessory
- Safe and maintenance free operation
- 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, which reduces the noise level and increases the efficiency of the fan. AW sileo fans 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 either from pressure die cast aluminum, powder coated in black, or from high efficiency composite material.

The impeller is balanced dynamically in two levels in accordance with DIN ISO 1940 part 1, quality G6.3.

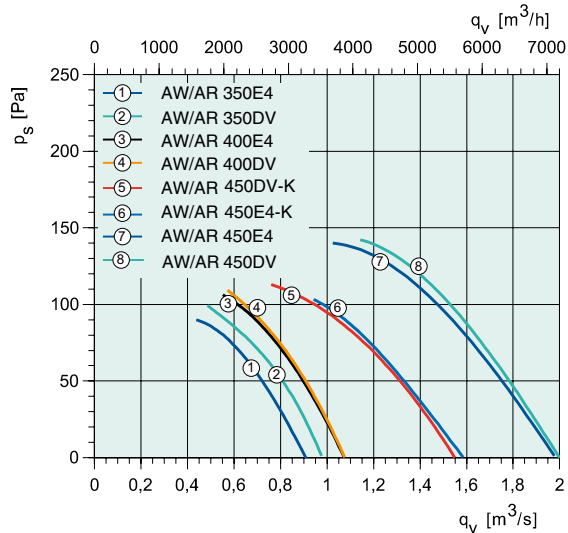
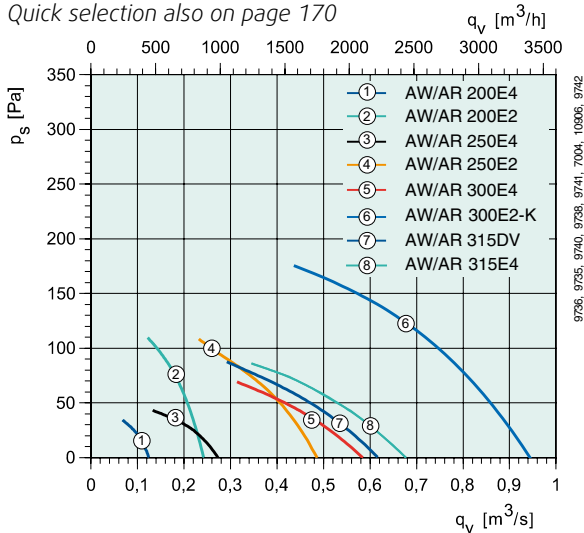
The motors are equipped with thermal contacts for motor protection, with leads to be connected to a motor protection unit, for example Systemair unit S-ET.

### ELECTRICAL ACCESSORIES



### Quick selection

Quick selection also on page 170



### TECHNICAL DATA

AW sileo		200	200	250	250	300	300	315	315	350	350	400	400	450	450	450
		E4	E2	E4	E2	E4	E2-K	DV	E4	E4	DV	E4	DV	DV-K	E4-K	E4
Art no.		34115	34114	34117	34116	34119	5801	34120	34121	34123	34122	34125	34124	34127	34129	34128
Voltage/Frequency	V/50Hz	230 1~	230 1~	230 1~	230 1~	230 1~	230 1~	400 3~	230 1~	230 1~	400 3~	230 1~	400 3~	400 3~	230 1~	230 1~
Power	W	30	80	50	140	100	309	120	160	170	190	240	230	350	390	550
Current	A	0.15	0.38	0.24	0.59	0.41	1.35	0.616	0.67	0.75	0.4	1.1	0.44	0.64	1.75	2.5
Max air flow	m³/s	0.124	0.242	0.273	0.486	0.584	0.948	0.39	0.677	0.91	0.976	1.07	1.08	1.55	1.59	1.98
R.p.m.	min-1	1425	2550	1370	2240	1330	2730	1450	1300	1260	1390	1350	1370	1250	1290	1320
Max temp. of transported air	°C	70	60	55	70	60	50	70	50	60	70	65	70	70	65	70
" when speed controlled	°C	70	60	55	70	60	50	70	50	60	70	65	70	70	65	70
Sound pressure level at 1 m	dB(A)	46	59	52	64	56	72	62	59	62	64	64	64	66	65	66
Weight	kg	3.2	3.2	4	4.2	5.9	6.6	6.8	6.7	7.5	7.6	8.7	8.7	10.1	10.1	16.2
Insulation class, motor		F	F	F	F	F	B	F	F	F	F	F	F	F	F	F
Enclosure class, motor		IP 44	IP 44	IP 44	IP 44	IP 44	IP 44	IP 54	IP 44	IP 44	IP 54	IP 54	IP 54	IP 44	IP 44	IP 54
Capacitor	µF	1	1.5	1.5	3.5	3	8	-	5	5	-	5	-	-	7	14
Wiring diagram p. 391-400		49	49	49	49	49	5	18	49	49	18	6a	18	18	6a	6a

Axial fans