AW/AR 200-250

AW

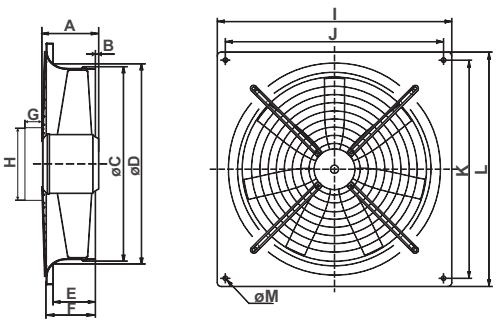
- Speed-controllable
- Integral thermal contacts
- Maintenance-free and reliable

The AW/AR fans have speed controllable external rotor motors. AW fans have square plates for wall mounting, AR fans have round flanges for duct mounting. Casing and impellers manufactured from galvanised steel, painted in standard black. The fans have sickle blade impellers.

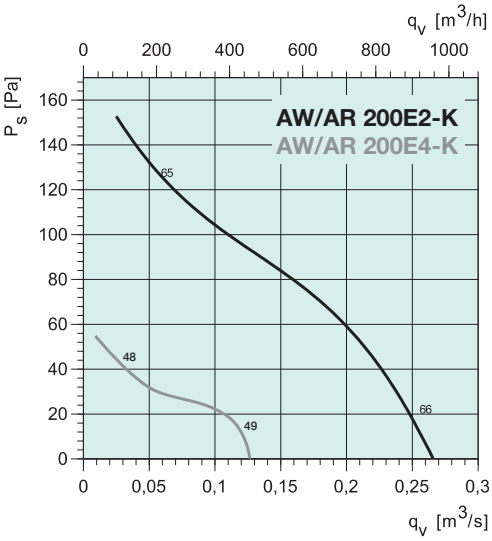
To protect the motors from overheating the fans have integral thermal contacts with external leads for connection to a motor protection device.

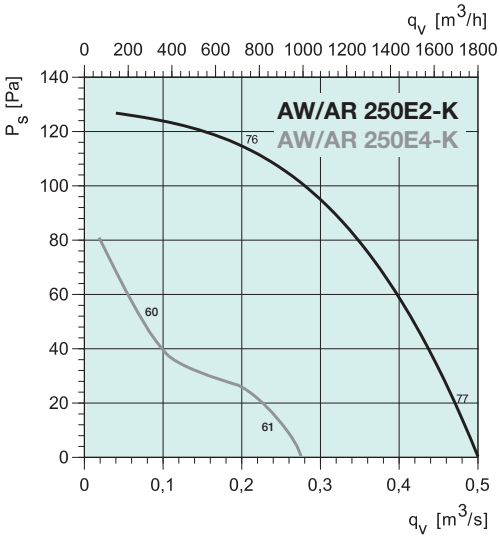
AW/AR		200E2-K	200E4-K	250E2-K	250E4-K
Voltage/Frequency	V/50 Hz	230	230	230	230
Phase	~	1	1	1	1
Power	W	60	16	120	54
Current	A	0,3	0,07	0,53	0,24
Maximum air flow	m^3/s	0,26	0,13	0,50	0,26
Maximum air flow	m^3/h	930	450	1800	950
R.p.m.	min^{-1}	2600	1300	2500	1400
Max. temp. of transported air	°C	70	75	60	45
" when speed-controlled	°C	70	75	60	45
Sound pressure level at 3 m	dB(A)	58	41	69	53
Weight	kg	2,7	2,5	3,9	3,5
Insulation class, motor		B	B	B	B
Enclosure class, motor		IP 44	IP 44	IP 44	IP 44
Capacitor	µF	1,5	-	3	1,5
Motor protection		AWE-SK	AWE-SK	S-ET 10	AWE-SK
Speed control, five-step	Transformer	RTRE 1,5	RTRE 1,5	RTRE 1,5	RTRE 1,5
Speed control, five-step high/low	Transformer	REU 1,5	REU 1,5	REU 1,5	REU 1,5
Speed control, stepless	Thyristor	REE 1	REE 1	REE 1	REE 1
Wiring diagram p. 11-17		5	5	5	5

Airflow



	A	B	øC	øD	E	F	G	H	I	J	K	L	øM
AW 200E2-K	71	10	203	210	46	52	62	92	312	260	260	312	7
AW 250E2-K	81	17	254	262	49	55	62	92	370	320	320	370	7





AW/AR 200E2-K

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	65	56	57	58	58	57	55	51	47

Measuring point: q_v = 0,083 m^3/s, P_s = 124 Pa

AW/AR 250E2-K

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	76	67	68	69	69	68	66	62	58

Measuring point: q_v = 0,17 m^3/s, P_s = 125 Pa

AW/AR 200E4-K

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	48	39	40	41	41	40	38	34	30

Measuring point: q_v = 0,06 m^3/s, P_s = 22 Pa

AW/AR 250E4-K

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
LwA Inlet/Outlet	dB(A)	60	51	52	53	53	52	50	46	42

Measuring point: q_v = 0,12 m^3/s, P_s = 40 Pa

VK p. 476

AWE-SK p. 466

RTRE p. 454

REU p. 454

REE p. 455

AW/AR 300-315

AW

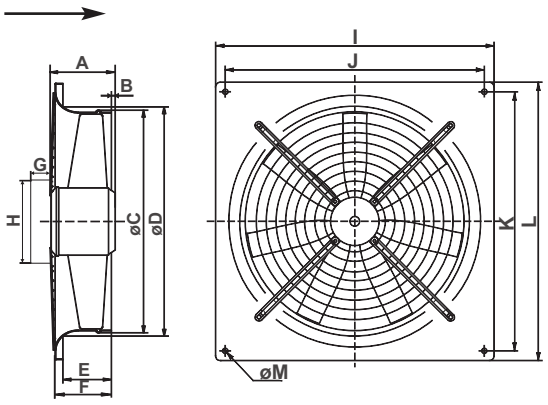
- Speed-controllable
- Integral thermal contacts
- Maintenance-free and reliable

The AW/AR fans have speed controllable external rotor motors. AW fans have square plates for wall mounting, AR fans have round flanges for duct mounting. Casing and impellers manufactured from galvanised steel, painted in standard black. The fans have sickle blade impellers.

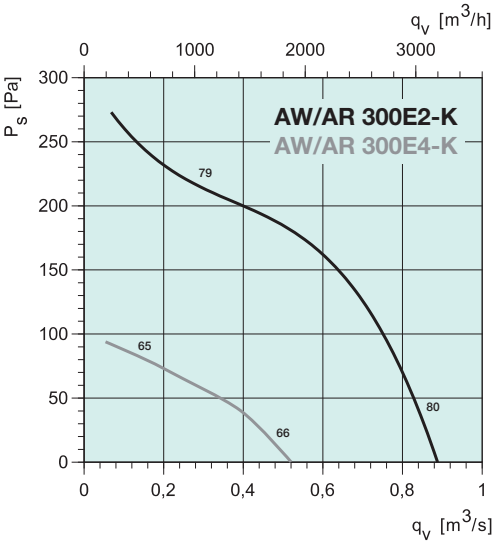
To protect the motors from overheating the fans have integral thermal contacts with external leads for connection to a motor protection device.

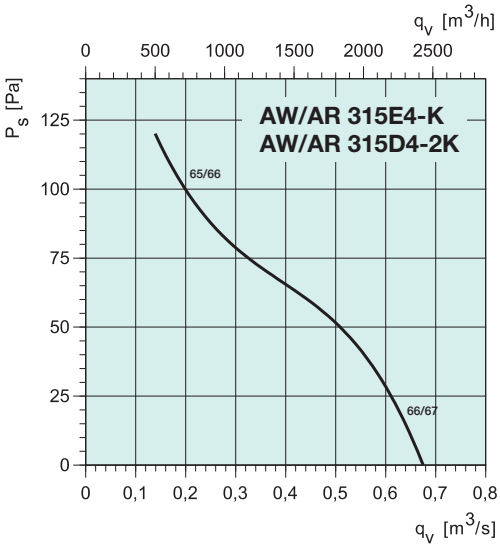
AW/AR		300E2-K	300E4-K	315E4-K	315D4-2K
Voltage/Frequency	V/50 Hz	230	230	230	400
Phase	~	1	1	1	3
Power	W	230	67	100	90
Current	A	1,1	0,32	0,52	0,26
Maximum air flow	m^3/s	0,95	0,48	0,68	0,68
Maximum air flow	m^3/h	3420	1740	2450	2450
R.p.m.	min^{-1}	2700	1400	1410	1400
Max. temp. of transported air	°C	50	60	55	55
" when speed-controlled	°C	50	60	55	55
Sound pressure level at 3 m	dB(A)	72	58	58	59
Weight	kg	5	4,9	4,7	3,5
Insulation class, motor		B	B	B	B
Enclosure class, motor		IP 44	IP 44	IP 44	IP 44
Capacitor	µF	8	2	4	-
Motor protection		S-ET 10	AWE-SK	S-ET 10	AWE-SK
2-step switch 400V D/Y		-	-	-	S-DT2 SKT
Speed control, five-step	Transformer	RTRE 1,5	RTRE 1,5	RTRE 1,5	RTRD 2
Speed control, five-step high/low	Transformer	REU 1,5	REU 1,5	REU 1,5	RTRDU 2
Speed control, stepless	Thyristor	REE 2	REE 1	REE 1	-
Wiring diagram p. 11-17		5	5	5	16

Airflow



	A	B	øC	øD	E	F	G	H	I	J	K	L	øM
AW 300E2-K	113	24	326	330	69	80	62	92	430	380	380	430	9
AW 315E4-K	117,5	10,5	326	351	61,5	72,5	27	92	430	380	380	430	9





AW/AR 300E2-K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	79	70	71	72	72	71	69	65	61

Measuring point: q_v = 0,42 m^3/s, P_s = 170 Pa

AW/AR 300E4-K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	65	56	57	58	58	57	55	51	47

Measuring point: q_v = 0,28 m^3/s, P_s = 75 Pa

AW/AR 315E4-K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	65	56	57	58	58	57	55	51	47

Measuring point: q_v = 0,14 m^3/s, P_s = 120 Pa

AW/AR 315D4-2K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	66	57	58	59	59	58	56	52	48

Measuring point: q_v = 0,28 m^3/s, P_s = 87 Pa


VK p. 476


GFL-AR p. 497


EV-AR p. 497


MFA-AR p. 497


SG-AW/AR p. 496


S-ET p. 464


AWE-SK p. 466


RTRE p. 454


RTRD/RTRDU p. 455


REU p. 454


REE p. 455

AW/AR 350/400

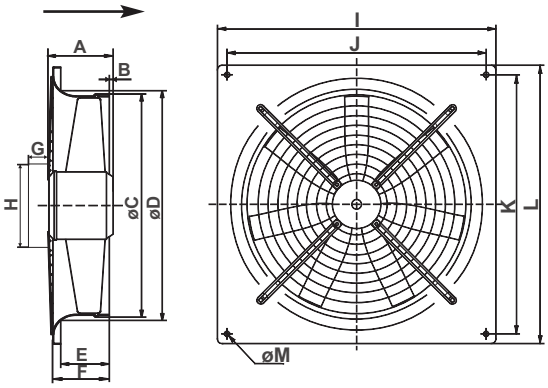
AW

- Speed-controllable
- Integral thermal contacts
- Maintenance-free and reliable

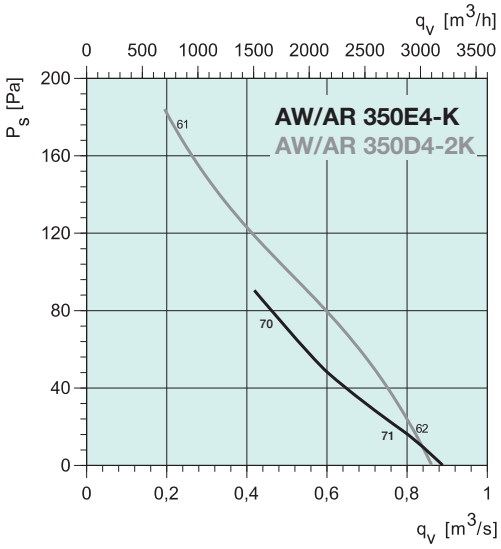
The AW/AR fans have speed controllable external rotor motors. AW fans have square plates for wall mounting, AR fans have round flanges for duct mounting. Casing and impellers manufactured from galvanised steel, painted in standard black. The fans have sickle blade impellers.

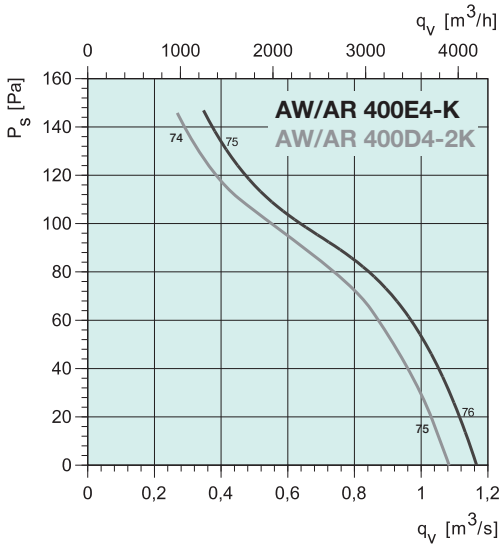
To protect the motors from overheating the fans have integral thermal contacts with external leads for connection to a motor protection device.

AW/AR		350E4-K	350D4-2K	400E4-K	400D4-2K
VoVoltage/Frequency	V/50 Hz	230	400	230	400
Phase	~	1	3	1	3
Power	W	130	120	160	169
Current	A	0,58	0,33	0,73	0,50
Maximum air flow	m^3/s	0,88	0,86	1,17	1,11
Maximum air flow	m^3/h	3150	3100	4200	4000
R.p.m.	min^{-1}	1400	1420	1430	1450
Max. temp. of transported air	°C	40	55	40	40
" when speed-controlled	°C	40	55	40	40
Sound pressure level at 3 m	dB(A)	63	63	68	67
Weight	kg	6,4	6,4	7,9	7,9
Insulation class, motor		B	B	B	B
Enclosure class, motor		IP 44	IP 44	IP 44	IP 44
Capacitor	µF	4	-	6	-
Motor protection		S-ET 10	AWE-SK	S-ET 10	STDT 16
2-step switch 400V D/Y		-	S-DT2 SKT	-	S-DT2 SKT
Speed control, five-step	Transformer	RTRE 1,5	RTRD 2	RTRE 1,5	RTRD 2
Speed control, five-step high/low	Transformer	REU 1,5	RTRDU 2	REU 1,5	RTRDU 2
Speed control, stepless	Thyristor	REE 1	-	REE 1	-
Wiring diagram p. 11-17		5	16	5	16



	A	B	øC	øD	E	F	G	H	I	J	K	L	øM
AW 350E4-K	139	24	388	395	68	80	27	92	485	435	435	485	9
AW 400E4-K	152	19	420	428	86	98	27	92	540	490	490	540	9





AW/AR 350E4-K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	70	61	62	63	63	62	60	56	52

Measuring point: q_v = 0,54 m^3/s, P_s = 90 Pa

AW/AR 400E4-K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	75	66	67	68	68	67	65	61	57

Measuring point: q_v = 0,56 m^3/s, P_s = 108 Pa

AW/AR 350D4-2K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	70	61	62	63	63	62	60	56	52

Measuring point: q_v = 0,44 m^3/s, P_s = 100 Pa

AW/AR 400D4-2K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	74	65	66	67	67	66	64	60	56

Measuring point: q_v = 0,56 m^3/s, P_s = 100 Pa


VK p. 476


GFL-AR p. 497


EV-AR p. 497


MFA-AR p. 497


SG-AW/AR p. 496


S-ET p. 464

AWE-SK p. 466


RTRE p. 454


RTRD/RTRDU p. 455


REU p. 454


REE p. 455

AW/AR 450

AW

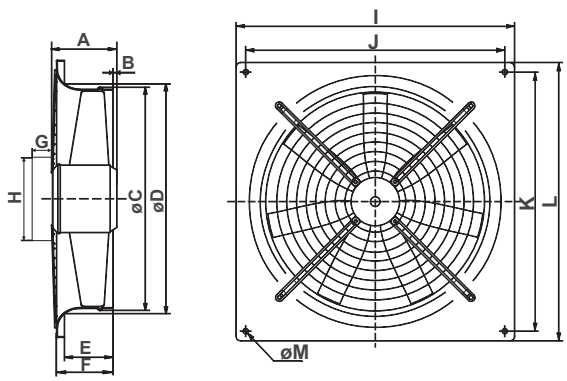
- Speed-controllable
- Integral thermal contacts
- Maintenance-free and reliable

The AW/AR fans have speed controllable external rotor motors. AW fans have square plates for wall mounting, AR fans have round flanges for duct mounting. Casing and impellers manufactured from galvanised steel, painted in standard black. The fans have sickle blade impellers.

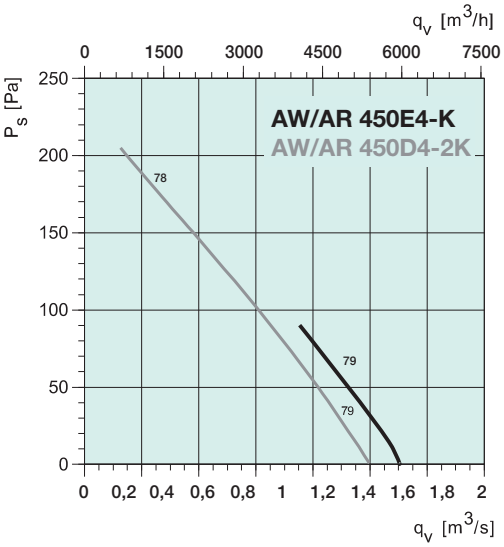
To protect the motors from overheating the fans have integral thermal contacts with external leads for connection to a motor protection device.

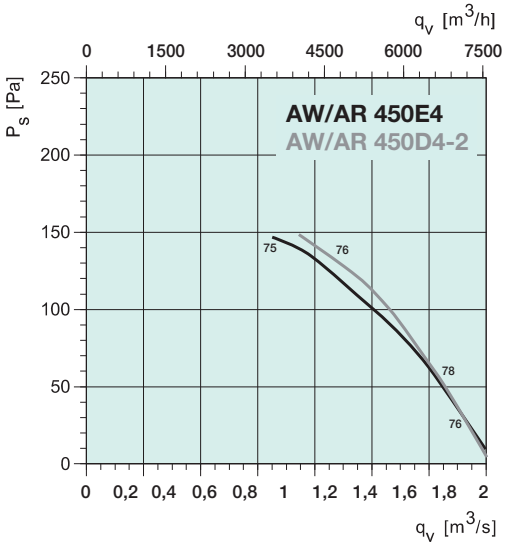
AW/AR		450E4-K	450D4-2K	450E4	450D4-2
Voltage/Frequency	V/50 Hz	230	400	230	400
Phase	~	1	3	1	3
Power	W	240	183	610	540
Current	A	1,10	0,42	2,80	1,05
Maximum air flow	m^3/s	1,58	1,52	2,05	2,05
Maximum air flow	m^3/h	5700	5472	7380	7380
R.p.m.	min^{-1}	1400	1320	1310	1340
Max. temp. of transported air	°C	40	45	60	60
" when speed-controlled	°C	40	45	60	60
Sound pressure level at 3 m	dB(A)	72	71	68	69
Weight	kg	9,5	9,0	7,9	7,9
Insulation class, motor		B	B	F	F
Enclosure class, motor		IP 44	IP 44	IP 54	IP 54
Capacitor	µF	8	-	6	-
Motor protection		S-ET 10	STDT 16	S-ET 10	STDT 16
2-step switch 400V D/Y		-	S-DT2 SKT	-	S-DT2 SKT
Speed control, five-step	Transformer	RTRE 1,5	RTRD 2	RTRE 3	RTRD 2
Speed control, five-step high/low	Transformer	REU 1,5	RTRDU 2	REU 3	RTRDU 2
Speed control, stepless	Thyristor	REE 2	-	REE 4	-
Wiring diagram p. 11-17		5	18	6	18

Airflow



	A	B	øC	øD	E	F	G	H	I	J	K	L	øM
AW 450E4-K	165	24	465	500	84	100	12	100	575	535	535	575	11
AW 450E4	86	16	465	480	81	-	12	100	575	535	535	575	11





AW/AR 450E4-K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	79	70	71	72	72	71	69	65	61

Measuring point: q_v = 1,14 m_3/s, P_s = 88 Pa

AW/AR 450D4-2K

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	78	69	70	71	71	70	68	64	60

Measuring point: q_v = 0,71 m3/s, P_s = 123 Pa

AW/AR 450E4

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	75	66	67	68	68	67	65	61	57

Measuring point: q_v = 0,92 m3/s, P_s = 145 Pa

AW/AR 450D4-2

		Mid-frequency band, Hz								
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	76	67	68	69	69	68	66	62	58

Measuring point: q_v = 1,11 m3/s, P_s = 154 Pa


VK p. 476


GFL-AR p. 497


EV-AR p. 497


MFA-AR p. 497


SG-AW/AR p. 496


S-ET/STDT p. 464


RTRE p. 454


RTRD/RTRDU p. 455


REU p. 454


S2S p. 464


REE p. 455

AW/AR 500/560

AW 500

AW 560

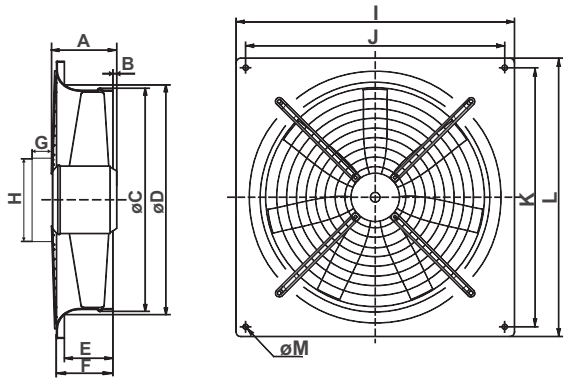
- Speed-controllable
- Integral thermal contacts
- Maintenance-free and reliable

The AW/AR fans have speed controllable external rotor motors. AW fans have square plates for wall mounting, AR fans have round flanges for duct mounting. Casing and impellers manufactured from die cast aluminium painted in standard black. Size 500 have sickle blade impellers, size 560 aerofoil blade impellers in die-cast aluminum.

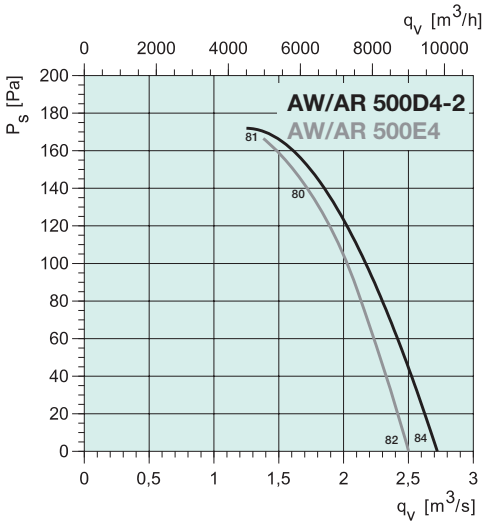
To protect the motors from overheating the fans have integral thermal contacts with external leads for connection to a motor protection device.

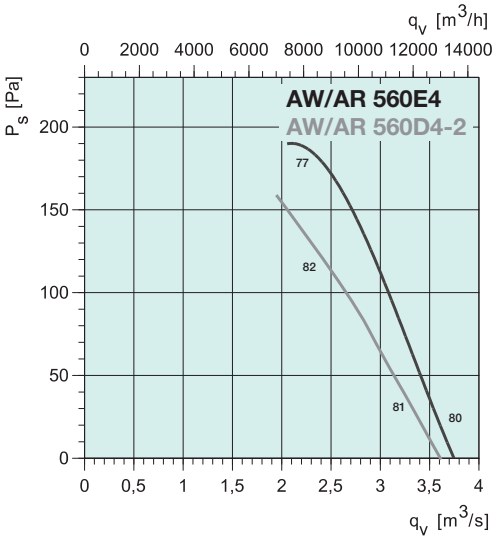
AW/AR		500E4	500D4-2	560E4	560D4-2
Voltage/Frequency	V/50 Hz	230	400	230	400
Phase	~	1	3	1	3
Power	W	780	780	1430	1000
Current	A	3,40	1,35	6,50	1,80
Maximum air flow	m^3/s	2,50	2,51	3,74	3,43
Maximum air flow	m^3/h	9000	9050	13460	12355
R.p.m.	min^{-1}	1210	1320	1430	1220
Max. temp. of transported air	°C	60	65	50	50
" when speed-controlled	°C	60	65	50	50
Sound pressure level at 3 m	dB(A)	73	69	76	75
Weight	kg	11,4/19,2	15,8/19,2	26,8/28,3	18,4/21
Insulation class, motor		F	F	F	F
Enclosure class, motor		IP 54	IP 54	IP 54	IP 54
Capacitor	µF	16	-	30	-
Motor protection		S-ET 10	STDT 16	S-ET 10	STDT 16
2-step switch 400V D/Y		-	S-DT2 SKT	-	S-DT2 SKT
Speed control, five-step	Transformer	RTRE 5	RTRD 2	RTRE 7	RTRD 2
Speed control, five-step high/low	Transformer	REU 5	RTRDU 2	REU 7	RTRDU 2
Speed control, stepless	Thyristor	REE 4	-	-	-
Wiring diagram p. 11-17		6	18	6	18

Airflow



	A	B	øC	øD	E	F	G	H	I	J	K	L	øM
ÁW 500E4	218	24	517	528	104	206	12	100	655	615	615	655	11
AW 560E4	215	49	568	589	120	135	12	100	725	675	675	725	11





AW/AR 500E4

Mid-frequency band, Hz

	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	81	72	73	74	74	73	71	67	63

Measuring point: q_v = 1,67 m3/s, P_s= 120 Pa

AW/AR 500D4-2

Mid-frequency band, Hz

	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	80	71	72	73	73	72	70	66	62

Measuring point: q_v = 1,39 m3/s, P_s = 170 Pa

AW/AR 560E4

Mid-frequency band, Hz

	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	82	73	74	75	75	74	72	68	64

Measuring point: q_v = 2,22 m3/s, P_s = 145 Pa

AW/AR 560D4-2

Mid-frequency band, Hz

	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	82	73	74	75	75	74	72	68	64

Measuring point: q_v = 2,22 m3/s, P_s = 145 Pa


VK p. 476


GFL-AR p. 497


EV-AR p. 497


MFA-AR p. 497


SG-AW/AR p. 496


S-ET/STDT p. 464


RTRE p. 454


RTRD/RTRDU p. 455


REU p. 454


S2S p. 464


REE p. 455

AW/AR 630

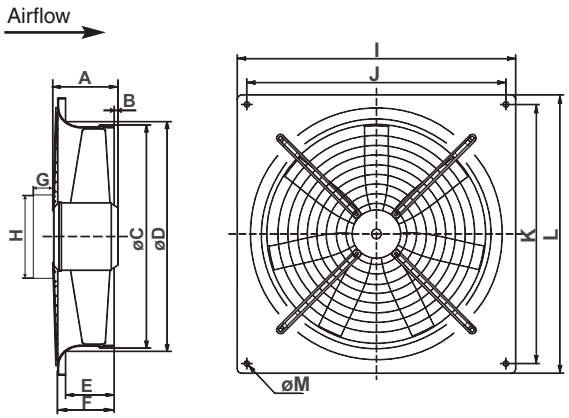
AW

- Speed-controllable
- Integral thermal contacts
- Maintenance-free and reliable

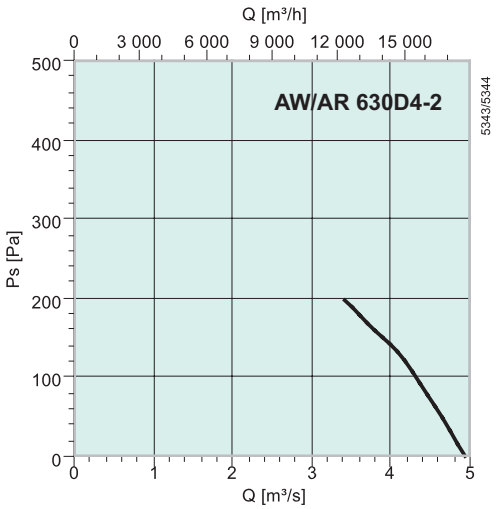
The AW/AR fans have speed controllable external rotor motors. AW fans have square plates for wall mounting, AR fans have round flanges for duct mounting. Casing manufactured from galvanised steel, painted in standard black. The fans have aerofoil blade impellers in die cast aluminium painted in standard black.

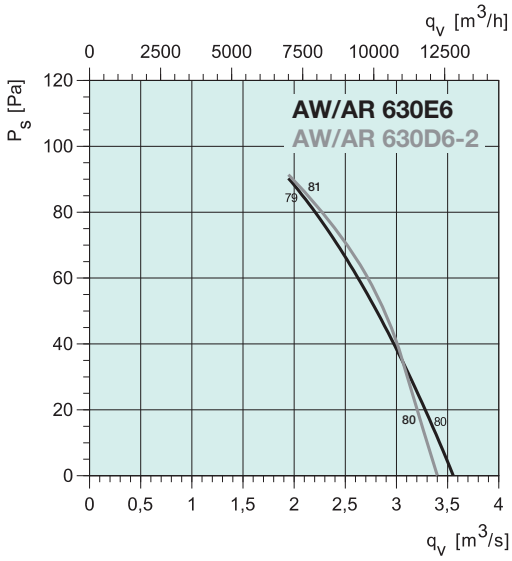
To protect the motors from overheating the fans have integral thermal contacts with external leads for connection to a motor protection device.

AW/AR		630D4-2	630E6	630D6-2
Voltage/Frequency	V/50 Hz	400	230	400
Phase	~	3	1	3
Power	W	1900	600	560
Current	A	3,40	2,70	1,35
Maximum air flow	m^3/s	4,95	3,36	3,36
Maximum air flow	m^3/h	17800	12100	12100
R.p.m.	min^{-1}	1340	880	900
Max. temp. of transported air	°C	60	60	60
" when speed-controlled	°C	60	60	60
Sound pressure level at 3 m	dB(A)	83	72	71
Weight	kg	28,6/32	18,8	19,7/25
Insulation class, motor		F	F	F
Enclosure class, motor		IP 54	IP 54	IP 54
Capacitor	µF	-	12	-
Motor protection		STDT 16	S-ET 10	STDT 16
2-step switch 400V D/Y		S-DT2 SKT	-	S-DT2 SKT
Speed control, five-step	Transformer	RTRD 4	RTRE 3	RTRD 2
Speed control, five-step high/low	Transformer	RTRDU 4	REU 3	RTRDU 2
Speed control, stepless	Thyristor	-	REE 4	-
Wiring diagram p. 11-17		18	6	18



	A	B	øC	øD	E	F	G	H	I	J	K	L	øM
AW 630D4-2	225	64	643	664	130	150	13	100	805	750	750	805	11
AW 630E6	205	24	643	670	130	150	13	100	805	750	750	805	11





AW/AR 630D4-2

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	90	81	82	83	83	82	80	76	72

Measuring point: q_v = 4,8 m³/s, P_s = 83 Pa

AW/AR 630E6

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	79	70	71	72	72	71	69	65	61

Measuring point: q_v = 3,1 m³/s, P_s = 36 Pa

AW/AR 630D6-2

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	81	72	73	74	74	73	71	67	63

Measuring point: q_v = 3,1 m³/s, P_s = 36 Pa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EV-AR p. 497


MFA-AR p. 497


SG-AW/AR p. 496


S-ET/STDT p. 464


RTRE p. 454

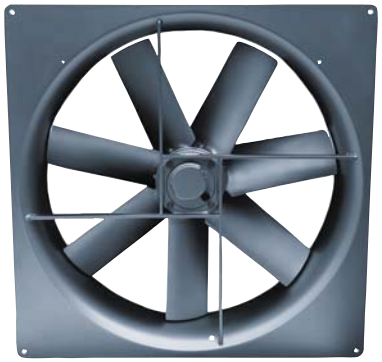

RTRD/RTRDU p. 455


REU p. 454


S2S p. 464


REE p. 455

AW/AR 710



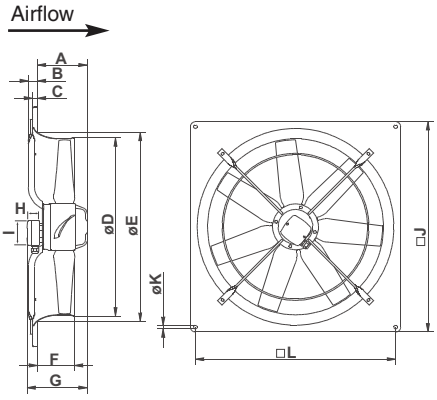
AW

- Speed-controllable
- Integral thermal contacts
- Maintenance-free and reliable

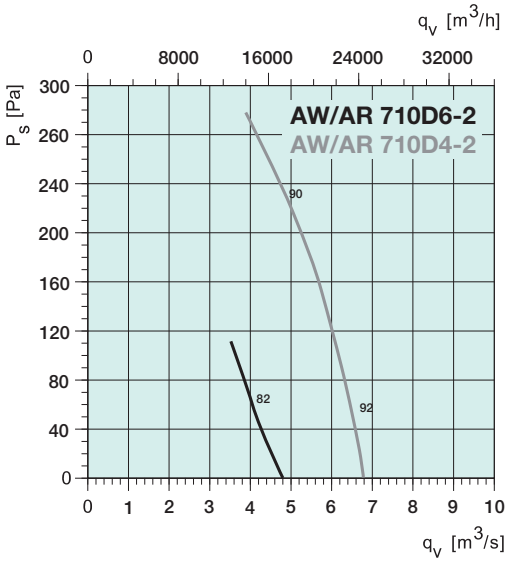
The AW/AR fans have speed controllable external rotor motors. AW fans have square plates for wall mounting, AR fans have round flanges for duct mounting. Casing manufactured from galvanised steel, painted in standard black. The fans have aerofoil blade impellers in die cast aluminium painted in standard black.

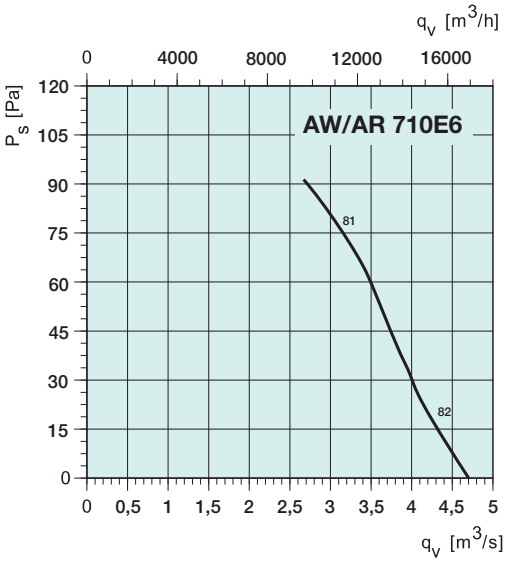
To protect the motors from overheating the fans have integral thermal contacts with external leads for connection to a motor protection device.

AW/AR		710D4-2	710E6	710D6-2
Voltage/Frequency	V/50 Hz	400	230	400
Phase	~	3	1	3
Power	W	2900	890	890
Current	A	5,1	4,1	1,18
Maximum air flow	m^3/s	6,54	4,56	4,58
Maximum air flow	m^3/h	23560	16400	16500
R.p.m.	min^{-1}	1320	850	890
Max. temp. of transported air	°C	65	60	65
" when speed-controlled	°C	65	60	65
Sound pressure level at 3 m	dB(A)	83	74	65
Weight	kg	43/45	32	38,2/30,9
Insulation class, motor		F	F	F
Enclosure class, motor		IP 54	IP 54	IP 54
Capacitor	µF	-	16	-
Motor protection		STDT 16	S-ET 10	STDT 16
2-step switch 400V D/Y		S-DT2 SKT	-	S-DT2 SKT
Speed control, five-step	Transformer	RTRD 7	RTRE 5	RTRD 4
Speed control, five-step high/low	Transformer	RTRDU 7	REU 5	RTRDU 4
Speed control, stepless	Thyristor	-	REE 5	-
Wiring diagram p. 11-17		18	6	18



	A	B	C	øD	øE	F	G	H	I	□J	øK	□L
AW 710D6-2	202	37	20	720	763	150	244	5	100	810	14,5	850
AW 710D4-2	353	51	31	831	874	150	315	5	100	810	14,5	850
AW 710E6	202	37	20	720	763	150	244	5	100	810	14,5	850





AW/AR 710D6-2

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	82	73	74	75	75	74	72	68	64

Measuring point: q_v = 4 m^3/s, P_s = 50 Pa

AW/AR 710E6

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	81	72	73	74	74	73	71	67	63

Measuring point: q_v = 4 m^3/s, P_s = 42 Pa

AW/AR 710D4-2

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	90	71	66	8,0	82	86	85	79	69

Measuring point: q_v = 5 m^3/s, P_s = 220 Pa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EV-AR p. 497


MFA-AR p. 497


SG-AW/AR p. 496


S-ET/STDT p. 464


RTRE p. 454


RTRD/RTRDU p. 455


REU p. 454


S2S p. 464


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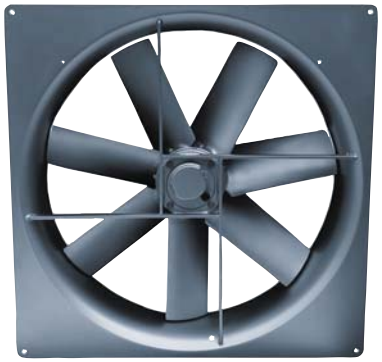
AW/AR 800/1000



AW

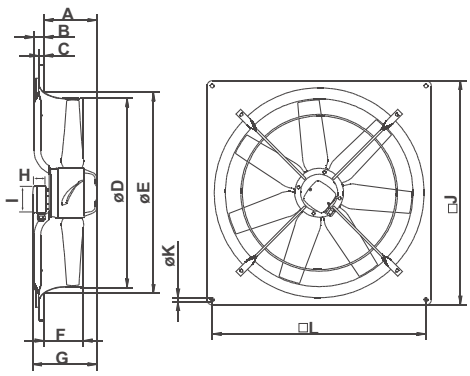
- Speed-controllable
- Integral thermal contacts
- Maintenance-free and reliable

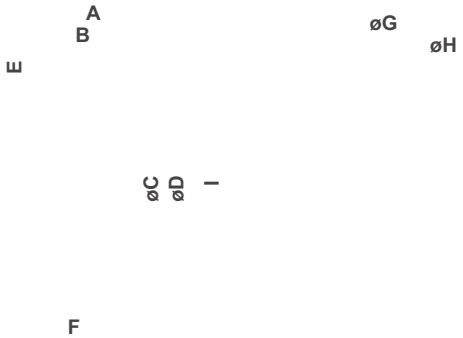
The AW/AR fans have speed controllable external rotor motors. AW fans have square plates for wall mounting, AR fans have round flanges for duct mounting. Casing manufactured from galvanised steel, painted in standard black. The fans have aerofoil blade impellers in die cast aluminium painted in standard black.

To protect the motors from overheating the fans have integral thermal contacts with external leads for connection to a motor protection device.

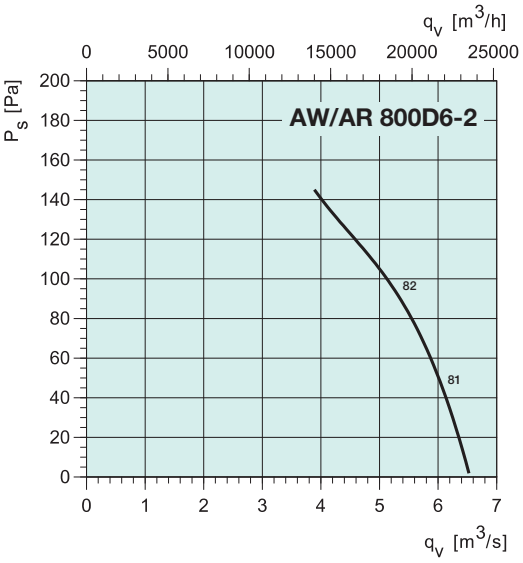
AW/AR		800D6-2	1000D6	1000D8-2
Voltage/Frequency	V/50 Hz	400	400	400
Phase	~	3	3	3
Power	W	1450	5500	2200
Current	A	2,70	10,5	4,2
Maximum air flow	m^3/s	6,46	13,9	9,72
Maximum air flow	m^3/h	23260	50000	35000
R.p.m.	min^{-1}	895	935	670
Max. temp. of transported air	°C	60	60	70
" when speed-controlled	°C	60	60	70
Sound pressure level at 3 m	dB(A)	75	91	79
Weight	kg	41	84/73	74/74,2
Insulation class, motor		F	F	F
Enclosure class, motor		IP 54	IP 54	IP 54
Capacitor	µF	-	-	-
Motor protection		STDT 16	STDT 16	STDT 16
2-step switch 400V D/Y		S-DT2 SKT	-	S-DT2 SKT
Speed control, five-step	Transformer	RTRD 4	-	RTRD 7
Speed control, five-step high/low	Transformer	-	-	RTRDU 7
Wiring diagram p. 11-17		18	18	18

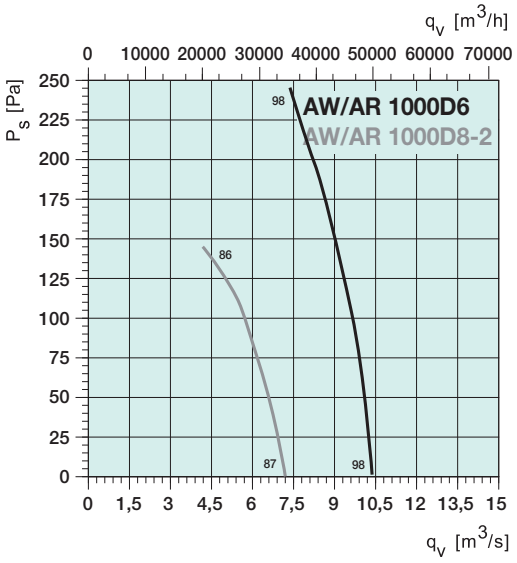
Airflow





	A	B	C	øD	øE	F	G	□H	□I	øJ
AW 800D6-2	227	34	17	804	869	193	244	910	970	14,5
AW 1000D6	321,5	48	20	1009	1067	200	401	1110	1170	14,5
AW 1000D8-2	286	40	20	1009	1067	200	324	1110	1170	14,5





AW/AR 800D6-2

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	82	73	74	75	75	74	72	68	64

Measuring point: q_v = 5,8 m3/s, P_s = 58 Pa

AW/AR 1000D6

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	98	89	90	91	91	90	88	84	80

Measuring point: q_v = 11,6 m3/s, P_s = 110 Pa

AW/AR 1000D8-2

			Mid-frequency band, Hz							
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
L_{wA} Inlet/Outlet	dB(A)	86	77	78	79	79	78	76	72	68

Measuring point: q_v = 5,56 m3/s, P_s = 149 Pa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GFL-AR p. 497


EV-AR p. 497


MFA-AR p. 497


SG-AW/AR p. 496


S-ET/STDT p. 464


RTRE p. 454


RTRD/RTRDU p. 455


REU p. 454


S2S p. 464


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