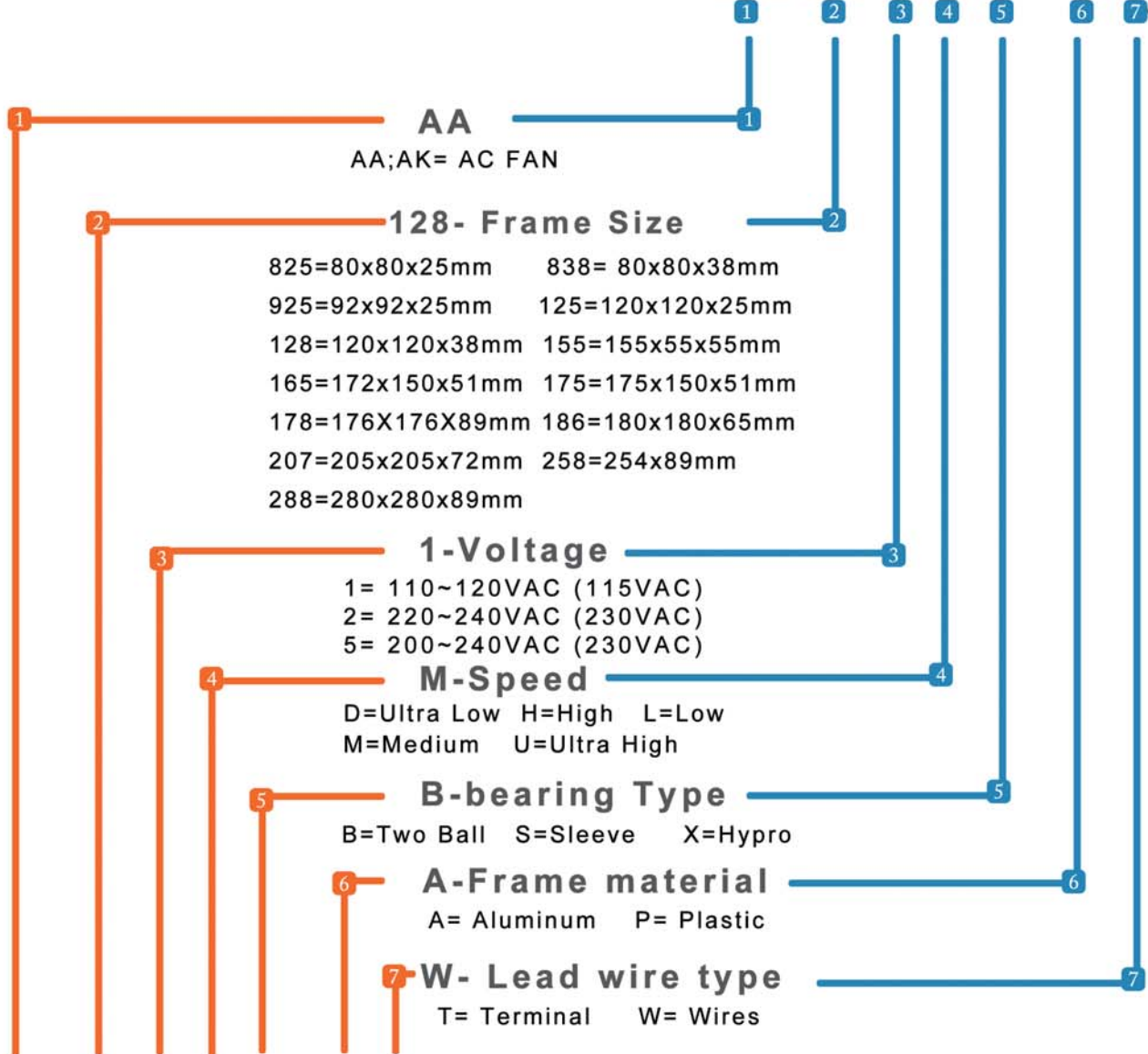


AA|128|1|M|B -|A|W



AK|258|1|M|B |(A|W)
1 2 3 4 5 6 7

AC FAN GENERAL SPECIFICATION

- ELECTRIC STRENGTH : 1500VAC for 1 minute to base on UL507
- INSULATION RESISTANCE : 100M ohm between lead wire and frame (DC 500V)
- LIFE EXPECTANCY (BALL BEARING) : 50,000hrs min at 40 °C/ L10 relative humidity 20%~85%
- LIFE EXPECTANCY (SLEEVE BEARING) : 30,000hrs min at 25 °C/ L10 relative humidity 20%~85%
- OPERATION TEMPERATURE : -10 to + 70 °C (+14 to 176 °F)
- STORAGE TEMPERATURE : -40 to + 70 °C (-40 to +167)°F
- PLASTIC MATERIAL : Black PBT (UL 94v-0) with glass fiber
- ALUMINUM MATERIAL : High quality aluminum die-casting frame flatted with black paint

AC Fan

- AK 172mm ~ 280mm / Thickness : min 51mm ~ max 89mm
- AA 80mm ~ 172mm / Thickness : min 25mm ~ max 51mm



Bearing type: ◎=Ball ※=Sleeve ●=Hypro Bearing

	Frame size (mm)	Model No.	Bearing Type	Volt Freq. (VAC/Hz)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AA8025	80x80x25	AA8251MB-AT	◎※	115/50	0.13	13.90	2050	0.42 15.00	0.08 1.91	18.3	210
	80x80x25	AA8251MB-AT	◎※	115/60	0.12	11.80	2500	0.54 19.00	0.12 3.00	24.0	210
	80x80x25	AA8251HB-AT	◎※	115/50	0.08	7.40	2200	0.48 17.00	0.10 2.51	21.2	210
	80x80x25	AA8251HB-AT	◎※	115/60	0.07	5.80	2700	0.59 21.00	0.13 3.18	27.8	210
	80x80x25	AA8252MB-AT	◎※	230/50	0.08	16.10	1900	0.42 15.00	0.08 1.91	18.3	210
	80x80x25	AA8252MB-AT	◎※	230/60	0.07	14.20	2500	0.54 19.00	0.12 3.00	24.0	210
	80x80x25	AA8252HB-AT	◎※	230/50	0.07	15.18	2200	0.48 17.00	0.10 2.51	21.2	210
	80x80x25	AA8252HB-AT	◎※	230/60	0.06	13.11	2800	0.59 21.00	0.13 3.18	27.8	210
AA8038	80x80x38	AA8381MB-AT	◎※●	115/50	0.07	7.60	2300	0.62 22.00	0.11 2.72	25.3	320
	80x80x38	AA8381MB-AT	◎※●	115/60	0.06	6.50	2400	0.68 24.00	0.11 2.79	26.2	320
	80x80x38	AA8381HB-AT	◎※●	115/50	0.14	10.90	2400	0.68 24.00	0.11 2.79	26.2	320
	80x80x38	AA8381HB-AT	◎※●	115/60	0.11	8.10	2800	0.84 29.60	0.17 4.22	31.6	320
	80x80x38	AA8382MB-AT	◎※●	230/50	0.06	10.60	2300	0.62 22.00	0.11 2.72	25.3	320
	80x80x38	AA8382MB-AT	◎※●	230/60	0.05	8.60	2400	0.68 24.00	0.11 2.79	26.2	320
	80x80x38	AA8382HB-AT	◎※●	230/50	0.07	13.60	2400	0.68 24.00	0.11 2.79	26.2	320
	80x80x38	AA8382HB-AT	◎※●	230/60	0.06	10.10	2800	0.84 29.60	0.17 4.22	31.6	320
AA9225	92x92x25	AA9251MB-AT	◎※	115/50	0.12	14.90	1800	0.71 25.00	0.06 1.63	21.1	230
	92x92x25	AA9251MB-AT	◎※	115/60	0.10	12.90	2150	0.86 30.50	0.08 1.98	26.8	230
	92x92x25	AA9251HB-AT	◎※	115/50	0.08	7.40	2000	0.79 28.00	0.08 1.93	24.1	230
	92x92x25	AA9251HB-AT	◎※	115/60	0.07	6.00	2400	0.96 34.00	0.12 2.95	30.1	230
	92x92x25	AA9252MB-AT	◎※	230/50	0.07	14.90	1800	0.71 25.00	0.06 1.63	21.1	230
	92x92x25	AA9252MB-AT	◎※	230/60	0.06	12.90	2150	0.86 30.50	0.08 1.98	26.8	230
	92x92x25	AA9252HB-AT	◎※	230/50	0.07	13.40	2000	0.79 28.00	0.08 1.93	24.1	230
	92x92x25	AA9252HB-AT	◎※	230/60	0.06	11.00	2400	0.96 34.00	0.12 2.95	30.1	230
AA12025	120x120x25	AA1251MB-AT	◎※	115/50	0.24	22.30	2200	1.84 65.00	0.13 3.30	38.7	340
	120x120x25	AA1251MB-AT	◎※	115/60	0.20	18.80	2300	2.01 71.00	0.16 3.96	44.1	340
	120x120x25	AA1252MB-AT	◎※	230/50	0.10	21.60	2200	1.84 65.00	0.13 3.30	38.7	340
	120x120x25	AA1252MB-AT	◎※	230/60	0.10	19.40	2300	2.01 71.00	0.16 3.96	44.1	340
AA12038 R2	120x120x38	AA1281HB-AWR2T(5E)	◎	115/50	0.15-0.19	10-16.5	1700-2500	2.50 88.50	0.29 7.47	43.0	570
	120x120x38	AA1281HB-AWR2T(5N)	◎	115/50	0.15-0.19	10-16.5	1700-2500	2.50 88.50	0.29 7.47	43.0	570
AA12038 R2	120x120x38	AA1281HB-AWR2T(6E)	◎	115/60	0.14-0.19	9-16.5	1500-2650	2.69 95.00	0.20 5.08	43.6	570
	120x120x38	AA1281HB-AWR2T(6N)	◎	115/60	0.14-0.19	9-16.5	1500-2650	2.69 95.00	0.20 5.08	43.6	570
AA12038 R2	120x120x38	AA1282HB-AWR2T(5E)	◎	230/50	0.06-0.12	8-19.5	1500-2600	2.50 88.50	0.29 7.47	43.0	570
	120x120x38	AA1282HB-AWR2T(5N)	◎	230/50	0.06-0.12	8-19.5	1500-2600	2.50 88.50	0.29 7.47	43.0	570
AA12038 R2	120x120x38	AA1282HB-AWR2T(6E)	◎	230/60	0.07-0.12	8-19.5	1450-2800	2.69 95.00	0.31 7.75	43.6	570



92x25



172x150x51



280x89



120x38
AC in water

*:Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

Bearing type: ◎=Ball ※=Sleeve ●=Hypro Bearing

	Frame size (mm)	Model No.	Bearing Type	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AA12038 R2	120x120x38	AA1282HB-AWR2T(6N)	◎	230/60	0.07-0.12	8-19.5	1450-2800	2.69 95.00	0.31 7.75	43.6 570
AA12038(A1CF)	120x120x38	AA1281HB-AT(A1CF)	◎※●	115/60	0.22	17.20	3100	2.93 103.50	0.35 8.89	47.0 550
	120x120x38	AA1281HB-AT(A1CF)	◎※●	115/50	0.27	20.40	2700	2.58 91.20	0.31 7.87	42.6 550
	120x120x38	AA1282HB-AT(A1CF)	◎※●	230/50	0.13	20.80	2700	2.58 91.20	0.31 7.87	42.6 550
	120x120x38	AA1282HB-AT(A1CF)	◎※●	230/60	0.11	17.60	3100	2.93 103.50	0.35 8.89	47.0 550
AA12038(CF)	120x120x38	AA1281DB-AT(CF)	◎※●	115/50	0.08	7.00	2300	1.98 70.00	0.13 3.30	39.2 550
	120x120x38	AA1281DB-AT(CF)	◎※●	115/60	0.08	6.60	1700	1.51 53.50	0.06 1.52	30.5 550
	120x120x38	AA1281LB-AT(CF)	◎※●	115/50	0.12	9.00	2400	2.15 76.00	0.18 4.57	40.1 550
	120x120x38	AA1281LB-AT(CF)	◎※●	115/60	0.11	8.70	2200	2.02 71.50	0.10 2.54	37.9 550
	120x120x38	AA1281MB-AT(CF)	◎※●	115/50	0.18	13.80	2600	2.31 81.50	0.24 6.10	41.0 550
	120x120x38	AA1281MB-AT(CF)	◎※●	115/60	0.15	12.40	2800	2.46 87.00	0.21 5.33	42.0 550
	120x120x38	AA1281HB-AT(CF)	◎※●	115/50	0.24	17.00	2600	2.41 85.00	0.31 7.87	42.2 550
	120x120x38	AA1281HB-AT(CF)	◎※●	115/60	0.19	14.00	2900	2.75 97.00	0.35 8.89	44.5 550
	120x120x38	AA1282DB-AT(CF)	◎※●	230/50	0.04	8.10	2300	1.98 70.00	0.13 3.30	39.2 550
	120x120x38	AA1282DB-AT(CF)	◎※●	230/60	0.04	7.70	1700	1.51 53.50	0.06 1.52	30.5 550
AA12038UB(CF)	120x120x38	AA1282LB-AT(CF)	◎※●	230/50	0.06	9.80	2400	2.15 76.00	0.18 4.57	40.1 550
	120x120x38	AA1282LB-AT(CF)	◎※●	230/60	0.05	9.40	2200	2.02 71.50	0.10 2.54	37.9 550
	120x120x38	AA1282MB-AT(CF)	◎※●	230/50	0.08	13.80	2600	2.31 81.50	0.24 6.10	41.0 550
	120x120x38	AA1282MB-AT(CF)	◎※●	230/60	0.07	12.50	2800	2.46 87.00	0.21 5.33	42.0 550
	120x120x38	AA1282HB-AT(CF)	◎※●	230/50	0.11	17.10	2600	2.41 85.00	0.31 7.87	42.2 550
	120x120x38	AA1282HB-AT(CF)	◎※●	230/60	0.09	14.80	2900	2.75 97.00	0.35 8.89	44.5 550
	120x120x38	AA1281UB-AT(CF)	◎※●	115/50	0.28	21.20	2400	2.72 96.00	0.24 6.10	46.4 550
	120x120x38	AA1281UB-AT(CF)	◎※●	115/60	0.24	19.20	2600	3.03 107.00	0.25 6.35	48.1 550
AA17251	172x150x51	AA1282UB-AT(CF)	◎※●	230/50	0.14	17.50	2400	2.72 96.00	0.24 6.10	46.4 550
	172x150x51	AA1282UB-AT(CF)	◎※●	230/60	0.12	19.80	2600	3.03 107.00	0.25 6.35	48.1 550
	172x150x51	AA1751HB-AT	◎	115/50	0.52	40.90	2500	5.55 196.00	0.43 10.80	52.3 930
	172x150x51	AA1751HB-AT	◎	115/60	0.47	36.70	2800	5.94 210.00	0.27 6.76	53.0 930
AK17251(AK165)	172x150x51	AA1752HB-AT	◎	230/50	0.26	41.90	2500	5.55 196.00	0.43 10.80	52.3 930
	172x150x51	AA1752HB-AT	◎	230/60	0.22	37.60	2800	5.94 210.00	0.27 6.76	53.0 930
	172x150x51	AK1651MB	◎	115/50	0.33	36.80	2400	4.53 160.00	0.34 8.64	53.0 1050
	172x150x51	AK1651MB	◎	115/60	0.31	34.50	2300	3.96 140.00	0.18 4.57	50.3 1050
	172x150x51	AK1651HB	◎	115/50	0.55	62.10	2600	4.87 172.00	0.43 11.00	55.5 1050
	172x150x51	AK1651HB	◎	115/60	0.46	51.80	2700	5.35 189.00	0.41 10.36	57.7 1050
	172x150x51	AK1652MB	◎	230/50	0.17	36.80	2400	4.53 160.00	0.34 8.64	53.0 1050
	172x150x51	AK1652MB	◎	230/60	0.17	36.80	2300	3.96 140.00	0.18 4.57	50.3 1050

AC Fan

- AK 172mm ~ 280mm / Thickness : min 51mm ~ max 89mm
- AA 80mm ~ 172mm / Thickness : min 25mm ~ max 51mm



Bearing type: ◎=Ball ※=Sleeve ●=Hypro Bearing

	Frame size (mm)	Model No.	Bearing Type	Volt Freq. (VAC/Hz)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AK17251(AK165)	172x150x51	AK1652HB	◎	230/50	0.27	59.80	2600	4.87 172.00	0.43 11.00	55.5	1050
	172x150x51	AK1652HB	◎	230/60	0.23	50.60	2700	5.35 189.00	0.41 10.36	57.7	1050
AK17251(AK175)	172x150x51	AK1751MB	◎	115/50	0.15	16.10	2500	4.25 150.00	0.41 10.44	56.0	1050
	172x150x51	AK1751MB	◎	115/60	0.19	20.70	2500	4.25 150.00	0.36 9.19	56.0	1050
	172x150x51	AK1751HB	◎	115/50	0.25	27.60	2700	5.09 180.00	0.53 13.54	63.0	1050
	172x150x51	AK1751HB	◎	115/60	0.24	26.50	3100	5.94 210.00	0.70 17.78	65.0	1050
	172x150x51	AK1752MB	◎	230/50	0.08	16.10	2500	4.25 150.00	0.41 10.44	56.0	1050
AK17689	172x150x51	AK1752MB	◎	230/60	0.10	20.70	2500	4.25 150.00	0.36 9.19	56.0	1050
	172x150x51	AK1752HB	◎	230/50	0.11	23.00	2700	5.09 180.00	0.53 13.54	63.0	1050
	172x150x51	AK1752HB	◎	230/60	0.13	27.60	3100	5.94 210.00	0.70 17.78	65.0	1050
	176x176x89	AK1781HB	◎	115/50	0.57	64.40	2800	9.34 330.00	0.64 16.26	66.4	1800
	176x176x89	AK1781HB	◎	115/60	0.48	52.00	3200	10.75 380.00	0.81 20.57	70.0	1800
AK18065	176x176x89	AK1782HB	◎	230/50	0.21	40.90	2800	9.34 330.00	0.64 16.26	66.4	1800
	176x176x89	AK1782HB	◎	230/60	0.23	49.50	3200	10.75 380.00	0.81 20.57	70.0	1800
	180x180x65	AK1861HB	◎	115/50	0.55	59.80	2800	9.91 350.00	0.70 17.78	70.0	1800
	180x180x65	AK1861HB	◎	115/60	0.48	55.20	3200	11.60 410.00	0.85 21.59	72.0	1800
AK20572	180x180x65	AK1862HB	◎	230/50	0.20	46.50	2800	9.91 350.00	0.70 17.78	70.0	1800
	180x180x65	AK1862HB	◎	230/60	0.22	51.10	3200	11.60 410.00	0.85 21.59	72.0	1800
	205x205x72	AK2071HB	◎	115/50	0.60	67.90	2800	16.98 600.00	0.93 23.62	72.0	2100
	205x205x72	AK2071HB	◎	115/60	0.88	100.00	3200	18.82 665.00	0.50 12.70	75.4	2100
AK25489	205x205x72	AK2072HB	◎	230/50	0.32	63.20	2800	16.98 600.00	0.93 23.62	72.0	2100
	205x205x72	AK2072HB	◎	230/60	0.47	95.20	3200	18.82 665.00	0.50 12.70	75.4	2100
	254x89	AK2581HB	◎	115/50	0.55	56.00	2100	19.24 680.00	0.35 8.79	66.0	2000
	254x89	AK2581HB	◎	115/60	0.62	67.80	2000	17.83 630.00	0.28 7.01	62.0	2000
	254x89	AK2581MB	◎	115/50	0.22	24.20	1350	12.74 450.00	0.26 6.65	55.6	2000
	254x89	AK2581MB	◎	115/60	0.24	26.50	1600	15.00 530.00	0.32 8.18	57.0	2000
	254x89	AK2582HB	◎	230/50	0.26	55.40	2100	19.24 680.00	0.35 8.79	66.0	2000
	254x89	AK2582HB	◎	230/60	0.30	62.80	2000	17.83 630.00	0.28 7.01	62.0	2000
AK28089	254x89	AK2582MB	◎	230/50	0.16	32.20	1350	12.74 450.00	0.26 6.65	55.6	2000
	254x89	AK2582MB	◎	230/60	0.14	28.80	1600	15.00 530.00	0.32 8.18	57.0	2000
	280x89	AK2881HB	◎	115/50	1.80	180.00	2800	33.96 1200.00	1.26 32.00	75.0	4240
	280x89	AK2881HB	◎	115/60	2.60	260.00	3200	39.62 1400.00	1.11 28.19	78.0	4240
AK28089	280x89	AK2882HB	◎	230/50	0.78	177.10	2800	33.96 1200.00	1.26 32.00	75.0	4240
	280x89	AK2882HB	◎	230/60	1.22	260.00	3200	39.62 1400.00	1.11 28.19	78.0	4240