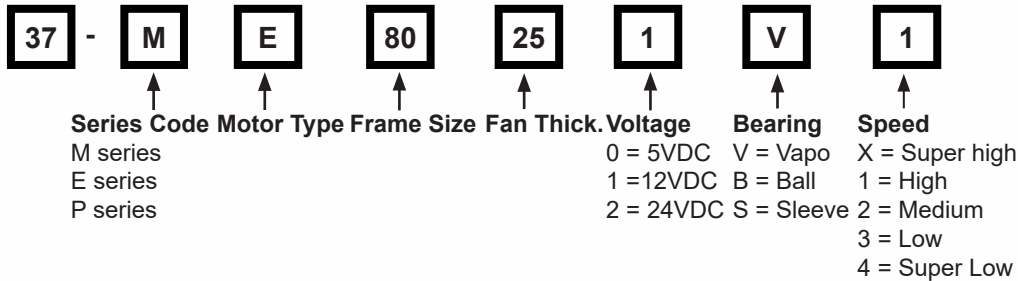


DC Fans & Blowers

We stock Sunon DC fans below for High Performance and Reliability.
The best choice for both service replacements and manufacturing

Model Numbering System - Example



Part Number (Stock types)	Frame Size mm	Hole Centres	Operating Volts	AirFlow CFM	Current Amp	Speed RPM	Noise dBA	Bearing
DC Fans								
37-MB40200V3G99	40x40x20	32	5VDC	6.3	0.075	5000	16.5	Vapo
37-GMB1235PFV1-8	35x35x10	29	12VDC	7.0	0.080	9500	28.0	Vapo
37-MF40101V2G99	40x40x10	32	12VDC	8.0	0.0516	7000	27.3	Vapo
37-MF40201V1A99	40x40x20	32	12VDC	8.9	0.0583	7000	25.5	Vapo
37-MF40201VX10000A9	40x40x20	32	12VDC	10.8	0.08	8000	27.5	Vapo
37-PMB1204PQB1F	40x40x28	32	12VDC	18.9	0.33	11000	45.0	Ball
37-PMD1204PQBUF	40x40x28	32	12VDC	18.9	0.33	11000	45	Ball
37-ME50101V1	50x50x10	40	12VDC	13.8	0.11	5500	31.0	Vapo
37-MB50151V1G99	50x50x15	40	12VDC	17	0.087	5800	33.0	Vapo
37-ME60151V1F	60x60x15	50	12VDC	25.2	0.16	5400	36.2	Vapo
37-PF60251B110000A99	60x60x25	50	12VDC	23.5	0.075	4500	27.5	Ball
37-MF80251V1A99	80x80x25	71.5	12VDC	41	0.120	3200	33.0	Vapo
37-MF80251V3A99	80x80x25	71.5	12VDC	33	0.065	2600	28.0	Vapo
37-PF92251V3A99	92x92x25	82.5	12VDC	65	0.258	3900	42	Vapo
37-EEC0251B1	120x120x25	104.8	12VDC	108.2	0.451	3100	44.5	Ball
37-EEC0251B2	120x120x25	104.8	12VDC	93	0.300	2700	40.5	Ball
37-EEC0381B1	120x120x38	104.8	12VDC	138	0.833	3100	48.0	Ball
37-MF60252V2A99	60x60x25	50	24VDC	19.3	0.030	3800	22.0	Vapo
37-PMD2406PMB1	60x60x38	50	24VDC	56.5	0.43	8000	56	Ball
37-MF80252V1A99	80x80x25	71.5	24VDC	41	0.06	3200	33	Vapo
37-PF80252B110000A99	80x80x25	71.5	24VDC	60	0.170	4800	47.5	Ball
37-ME92252V1	92x92x25	82.5	24VDC	51.5	0.087	3000	34.0	Vapo
37-ME92252V2A*	92x92x25	82.5	24VDC	45	0.068	2700	32.0	Vapo

* Connector + Heathsrink

DC Fans

Motor:

- Patented Brushless DC Motor Design
- Maglev® magnetic Levitation Motor

Frame: Black Themoplastic Rated UL94V-0

Impeller: Black Themoplastic Rated UL94V-0

Bearing:

- "vapo" bearing
- Life Lubricated Ball Bearing
- Oil Impregnated Sintered Sleeve

Operating Temperature: -10 to +70°C

Protection:

- Electronic locked rotor protected
- Auto restart

Approvals: UL, CE, RoHS compliant

Ball Bearing - Uses ball bearings

Noise - Noisier than vapo bearings because the ball bearings create more friction and noise as they move

Durability - Ball bearings are known for good durability and are great at handling high speeds and heavier loads.

Performance - Ball bearing fans are often more efficient at high speeds and in high-load situations compared to vapor bearings.

Can be mounted in any orientation - horizontal, vertical or perpendicular.

Vapo Bearing - Uses vapor-phase bearing

Noise - Vapo bearing fans are quieter

Durability - Typically lasts longer because there's less physical wear between components compared to traditional mechanical bearings.

Performance: Offers smooth and efficient operation, with better noise control, but may not handle heavy loads or high speeds as well as ball bearings.

Best mounted with the impeller facing down or in a vertical orientation.

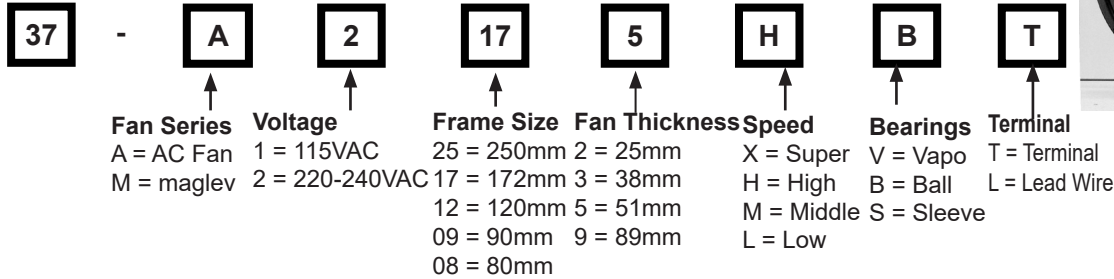
Vapo bearings incorporate Sunon's patented Magnetic Levitation System Design Suffix F is 3rd wire (tacho)

Green = 1 Phase full wave, axial winding brushless motor

Cooling Fans - AC

We stock the Sunon AC fans below for High Performance and Reliability.
The best choice for both service replacements and new manufacture.

Model Numbering System - Example



Part Number (Stock types)	Frame Size mm	Hole Centres	Operating Volts AC	AirFlow CFM	Current Amp	Speed RPM	Noise dBA	Bearing
AC Fans								
37-MA2062HVL	60x60x25	50.0	220-240	17	0.10	3600	25	Vapo
37-MA2082HVL	80x80x25	71.5	220-240	40	0.10	3200	32	Vapo
37-2082HSL	80x80x25	71.5	220-240	17	0.07	2300	29	Sleeve
37-CF2082HVL	80x80x25	71.5	200-240	40	0.242	3100	32	Vapo
37-2083HBL	80x80x38	71.4	220-240	24	0.09	2400	32	Ball
37-1092HST	92x92x25	82.5	115	36	0.11	2750	39	Sleeve
37-2092HBL	92x92x25	82.5	220-240	30	0.07	2350	37	Ball
37-2092HST	92x92x25	82.5	220-240	36	0.06	2750	39	Sleeve
37-1122HBL	120x120x25	104.8	110-120	78	0.18	2300	46	Ball
37-2122HBT	120x120x25	104.8	220-240	66	0.09	2150	44	Ball
37-1123HBT	120x120x38	104.8	110-120	87	0.21	2750	45	Ball
37-2123HST	120x120x38	104.8	220-240	85	0.125	2550	43	Sleeve
37-2123HBT	120x120x38	104.8	220-240	87	0.125	2750	45	Ball
37-2123LBT	120x120x38	104.8	220-240	72	0.06	2150	37	Ball
37-2123LBT.5	120x120x38	104.8	220-240	50/49	0.04	1650/1600	26/25	Ball
37-A1175HBT	171Xx151x51	162	115	180/200	0.59/0.48	2650/2950	52/55	Ball
37-A2175HBT-TC	171x151x51	162x134	220-240	203	0.11	2800	51	Ball
37-A2179HBT	176x176x89	152.74	220-240	315	0.11	2800	62	Ball
37-A2259MBT	254 Ø x 89	245.5	220-240	600	0.12	1400	50	Ball
37-A2259HBT	254 Ø x 89	245.5	220-240	770	0.24	1900	55	Ball
37-A300	Power Lead with moulded connector, 300mm long							
37-A1000	Power Lead with moulded connector, 1000mm long							

AC Fans

Motor: Brushless

- Reliable Shaded - Pole Construction
- Alveolate with low start voltage & high efficiency

Frame: Die Cast Aluminium

Impeller: Black Themoplastic Rated UL94V-0

Bearing:

- Life Lubricated Ball Bearing
- Oil Impregnated Sintered Sleeve

Operating Temperature: -10 to +70°C

Protection:

- Impedance Protected
- Temp cutout on TC models

Approvals: UL, CE, RoHS compliant

Ball Bearing - Uses ball bearings

Noise - Noisier than vapo bearings because the ball bearings create more friction and noise as they move

Durability - Ball bearings are known for good durability and are great at handling high speeds and heavier loads.

Performance - Ball bearing fans are often more efficient at high speeds and in high-load situations compared to vapor bearings.

Can be mounted in any orientation - horizontal, vertical or perpendicular.

Vapo Bearing - Uses vapor-phase bearing

Noise - Vapo bearing fans are quieter

Durability - Typically lasts longer because there's less physical wear between components compared to traditional mechanical bearings.

Performance: Offers smooth and efficient operation, with better noise control, but may not handle heavy loads or high speeds as well as ball bearings

Best mounted with the impeller facing down or in a vertical orientation.

Sleeve Bearing - Uses a sleeve bearing

Noise - Sleeve bearing fans tend to be quieter than other types of fans, such as those using ball bearings, especially at lower speeds.

Best mounted vertically, or with fan shaft positioned upright