



# Sunon

## Power Motor Fan

High Torque,  
High Air Flow,  
High Static Pressure

Fan and Blower

**SUNON**<sup>®</sup>

# Sunon Power Motor Fan

## A Fan of High Quality and Reliability

1. Sunon High Air Flow Fan features the breakthrough technology on electronic circuit display, with significant patents inside results in high PQ performance.
2. The series especially created for stern operation environment, and reliability is the prior concern, that's why we put extreme efforts on its design and production phases to ultimate the reliability.

## Specifications



### 38x38x20mm

Model	P/N	Bearing ● VAPO ○ BALL ⊗ 2BALL	Rating Voltage (VDC)	Power Current (AMP)	Power Consumption (WATTS)	Speed (RPM)	Air Flow (CFM)	Static Pressure (Inch-H <sub>2</sub> O)	Noise (dBA)	Weight (g)
PMD1238PKBX-A	(2)	⊗	12	0.36	4.3	15000	13.5	0.82	48.0	27
PMD1238PKB1-A	(2)	⊗	12	0.26	3.1	13000	12.0	0.61	44.0	27
PMD1238PKB2-A	(2)	⊗	12	0.21	2.5	11000	10.6	0.45	39.0	27



### 38x38x28mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H <sub>2</sub> O)	(dBA)	(g)
PMD1238PQBX-A	(2)	⊗	12	0.48	5.8	15000	19.0	1.20	52.0	35.2
PMD1238PQB1-A	(2)	⊗	12	0.30	3.6	13000	16.5	0.91	47.0	35.2
PMD1238PQB2-A	(2)	⊗	12	0.19	2.3	10000	12.6	0.55	42.0	35.2



### 40x40x24mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H <sub>2</sub> O)	(dBA)	(g)
PMD1204PBB1-A	(2)	⊗	12	0.78	9.4	14500	23	1.26	54	41.6
PMD1204PBB2-A	(2)	⊗	12	0.54	6.5	13000	21	1.06	51	41.6
PMD1204PBB3-A	(2)	⊗	12	0.39	4.7	11000	17.5	0.65	47.5	41.6



### 40x40x28mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H <sub>2</sub> O)	(dBA)	(g)
PMD1204PQBX-A	(2)	⊗	12	0.57	6.8	13000	23.5	1.15	51.5	40
PMD1204PQB1-A	(2)	⊗	12	0.33	4.0	11000	18.9	0.78	45.0	40
PMD1204PQB2-A	(2)	⊗	12	0.22	2.6	9200	15.3	0.51	40.5	40



### 40x40x56mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H <sub>2</sub> O)	(dBA)	(g)
PMD1204PPB1-A	(2)	⊗	12	1.29	15.5	14500/9500	25.8	1.7	56	88.4



### 50x40x32mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H <sub>2</sub> O)	(dBA)	(g)
PMD1204PLBX-A	(2)	⊗	12	0.57	6.8	13000	22.5	1.11	54.0	36
PMD1204PLB1-A	(2)	⊗	12	0.33	4.0	11000	19.1	0.77	49.0	36
PMD1204PLB2-A	(2)	⊗	12	0.22	2.6	9200	16.0	0.54	45.0	36



## 60x60x25mm

Model	P/N	Bearing ● VAPO ○ BALL ◎ 2BALL	Rating Voltage (VDC)	Power Current (AMP)	Power Consumption (WATTS)	Speed (RPM)	Air Flow (CFM)	Static Pressure (Inch-H <sub>2</sub> O)	Noise (dBA)	Weight (g)
PMD1206PTB1-A	(2)	◎	12	0.45	5.4	7500	39.0	0.55	48.0	65
PMD1206PTB2-A	(2)	◎	12	0.37	4.4	6800	35.3	0.45	44.9	65
PMD1206PTB3-A	(2)	◎	12	0.27	3.2	6000	30.8	0.37	41.0	65
PMD2406PTB1-A	(2)	◎	24	0.25	6.0	7500	39.0	0.55	48.0	65
PMD2406PTB2-A	(2)	◎	24	0.21	5.0	6800	35.3	0.45	44.9	65
PMD2406PTB3-A	(2)	◎	24	0.16	3.8	6000	30.8	0.37	41.0	65
PMD4806PTB1-A	(2)	◎	48	0.14	6.7	7500	39.0	0.55	48.0	65
PMD4806PTB2-A	(2)	◎	48	0.12	5.8	6800	35.3	0.45	44.9	65
PMD4806PTB3-A	(2)	◎	48	0.095	4.6	6000	30.8	0.37	41.0	65



## 60x60x38mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H <sub>2</sub> O)	(dBA)	(g)
PMD1206PMB1-A	(2)	◎	12	0.88	10.6	8000	56.5	0.92	56.0	90
PMD1206PMB2-A	(2)	◎	12	0.58	7.0	7000	49.2	0.71	52.0	90
PMD1206PMB3-A	(2)	◎	12	0.43	5.2	6000	41.5	0.53	53.0	90
PMD1206PMB4-A	(2)	◎	12	0.31	3.4	5000	34.6	0.38	43.0	90
PMD2406PMB1-A	(2)	◎	24	0.43	10.3	8000	56.5	0.92	56.0	90
PMD2406PMB2-A	(2)	◎	24	0.28	7.4	7000	49.2	0.71	52.0	90
PMD2406PMB3-A	(2)	◎	24	0.22	5.3	6000	41.5	0.53	53.0	90
PMD2406PMB4-A	(2)	◎	24	0.15	3.6	5000	34.6	0.38	43.0	90
PMD4806PMB1-A	(2)	◎	48	0.24	11.5	8000	56.5	0.92	56.0	90
PMD4806PMB2-A	(2)	◎	48	0.18	8.6	7000	49.2	0.71	52.0	90
PMD4806PMB3-A	(2)	◎	48	0.13	6.2	6000	41.5	0.53	53.0	90
PMD4806PMB4-A	(2)	◎	48	0.08	3.9	5000	34.6	0.38	43.0	90



## 80x80x38mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H <sub>2</sub> O)	(dBA)	(g)
PMD1208PMB1-A	(2)	◎	12	0.76	9.1	5700	84.1	0.74	55.2	175
PMD1208PMB2-A	(2)	◎	12	0.53	6.4	4900	74.5	0.57	51.6	175
PMD1208PMB3-A	(2)	◎	12	0.37	4.4	4200	59.5	0.43	47.3	175
PMD1208PMB4-A	(2)	◎	12	0.23	2.8	3400	49.3	0.30	42.2	175
PMD2408PMB1-A	(2)	◎	24	0.40	9.6	5700	84.1	0.74	55.2	175
PMD2408PMB2-A	(2)	◎	24	0.30	7.2	4900	74.5	0.57	51.6	175
PMD2408PMB3-A	(2)	◎	24	0.20	4.8	4200	59.5	0.43	47.3	175
PMD2408PMB4-A	(2)	◎	24	0.15	3.6	3400	49.3	0.30	42.2	175
PMD4808PMB1-A	(2)	◎	48	0.26	12.5	5700	84.1	0.74	55.2	175
PMD4808PMB2-A	(2)	◎	48	0.16	7.7	4900	74.5	0.57	51.6	175
PMD4808PMB3-A	(2)	◎	48	0.13	6.2	4200	59.5	0.43	47.3	175
PMD4808PMB4-A	(2)	◎	48	0.09	4.3	3400	49.3	0.30	42.2	175



## 92x92x38mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H <sub>2</sub> O)	(dBA)	(g)
PMD1209PMB1-A	(2)	◎	12	1.04	12.5	4900	120.2	0.71	57.6	190
PMD1209PMB2-A	(2)	◎	12	0.71	8.5	4400	106.3	0.56	53.8	190
PMD1209PMB3-A	(2)	◎	12	0.47	5.6	3800	91.7	0.43	50.3	190
PMD1209PMB4-A	(2)	◎	12	0.29	3.6	3200	75.1	0.30	45.6	190
PMD2409PMB1-A	(2)	◎	24	0.51	12.2	4900	120.2	0.71	57.6	190
PMD2409PMB2-A	(2)	◎	24	0.40	9.6	4400	106.3	0.56	53.8	190
PMD2409PMB3-A	(2)	◎	24	0.25	6.0	3800	91.7	0.43	50.3	190
PMD2409PMB4-A	(2)	◎	24	0.17	4.3	3200	75.1	0.30	45.6	190
PMD4809PMB1-A	(2)	◎	48	0.33	15.8	4900	120.2	0.71	57.6	190
PMD4809PMB2-A	(2)	◎	48	0.20	9.6	4400	106.3	0.56	53.8	190
PMD4809PMB3-A	(2)	◎	48	0.15	7.2	3800	91.7	0.43	50.3	190
PMD4809PMB4-A	(2)	◎	48	0.10	4.8	3200	75.1	0.30	45.6	190



## 120x120x38mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H <sub>2</sub> O)	(dBA)	(g)
PSD1212PMB1	(2)	◎	12	1.75	21.0	4000	200	0.70	62	400
PSD1212PMB2	(2)	◎	12	1.30	15.6	3600	180	0.59	59	400
PSD1212PMB3	(2)	◎	12	0.92	11.0	3200	160	0.49	56	400
PSD2412PMB1	(2)	◎	24	0.80	19.2	4000	200	0.70	62	400
PSD2412PMB2	(2)	◎	24	0.62	14.9	3600	180	0.59	59	400
PSD2412PMB3	(2)	◎	24	0.42	10.1	3200	160	0.49	56	400
PSD4812PMB1	(2)	◎	48	0.39	18.7	4000	200	0.70	62	400
PSD4812PMB2	(2)	◎	48	0.33	15.8	3600	180	0.59	59	400
PSD4812PMB3	(2)	◎	48	0.25	12.0	3200	160	0.49	56	400

Headquarters:

**Sunonwealth Electric Machine Industry Co., Ltd.**

12th floor, 120 Chung Cheng 1st Road, Kaohsiung, Taiwan

TEL: +886-7-7163069

FAX: +886-7-7163086

URL: <http://www.sunon.com>

E-mail: [sunon@email.sunon.com.tw](mailto:sunon@email.sunon.com.tw)

**Sunon Inc. (U.S.A.)**

1075 West Lambert Road Suite A, Brea, California 92821, U.S.A

TEL : +1-714-255-0208

FAX :+ 1-714-255-0802

URL : <http://www.sunonusa.com>

E-mail : [info@sunon.com](mailto:info@sunon.com)

**Sunon SAS (Europe)**

Parc Medicis, 66, Ave Des Pepinieres 94832, Fresnes Cedex-France

TEL : +33-1-46154515

FAX : +33-1-46154510

URL: <http://www.sunoneurope.com>

E-mail : [info@sunoneurope.com](mailto:info@sunoneurope.com)

**Sunon Corporation (Japan)**

Stork Minami Otsuka 4Fl.33-1, 2 Chome,

Minami Otsuka Toshimaku, Tokyo, Japan 170-0005

TEL : +81-3-5395-3069

FAX: +81-3-5395-3080

URL: <http://www.sunon.co.jp>

E-mail : [info@sunon.co.jp](mailto:info@sunon.co.jp)

**Sunonwealth Electric Machine Industry (HK) Ltd. (Hong Kong)**

1906 Nan Fung Center, 264 Castle Peak Road, Tsuen Wan, Hong Kong

TEL : +852-24-111-388

FAX : +852-24-050-707

E-mail : [info@sunon.com.hk](mailto:info@sunon.com.hk)

**Sunon Technologies Pte Ltd. (Singapore)**

10 Toh Guan Road, #03-08 TT International Tradepark, Singapore 608838

TEL : +65-6795-0300

FAX :+65-6795-0600

E-mail : [info@sunon.com.sg](mailto:info@sunon.com.sg)

**Sunon Electronics (Kun Shan) Co.,Ltd. (Shanghai, China)**

TEL : +86-512-57700108

FAX :+86-512-57711575

URL: <http://www.sunon-ks.com.cn>

**Sunon China (Shen Zhen) Office (Shen Zhen, China)**

TEL : +86-755-26880688

FAX :+86-755-26880288

E-mail : [info@sunon.com.cn](mailto:info@sunon.com.cn)