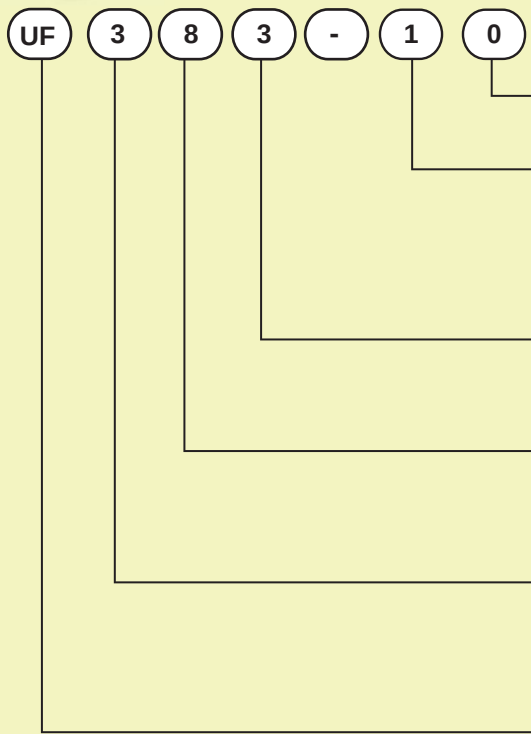




Mighty Mini Fan & Blower Model Numbering System



- Running No.**
0~9 , A~Z
- PIN Type**
1: FPC Wide+ FG 3rd wire with frequency generation waveform
2: FPC Wide+RD 3rd wire with rotation detector waveform
3: FPC Golden finger+FG 3rd wire with frequency generation waveform
4:FPC Golden finger+RD 3rd wire with rotation detector waveform
- Thickness**
3: 3mm 5: 5mm
4: 4mm 8: 8mm
- Size**
3: 3mm A: 10mm H: 17mm
5: 5mm C: 12mm U: 30mm
8: 8mm F: 15mm
- Voltage**
3: 3VDC
5: 5VDC
A: 12VDC
- Series**
UF: Fan
UB: Blower

The Airflow Conversion Table

m³/s	m³/min	l/s	l/min	m³/h	ft³/S	CFM
1	6 x 10	1 x 10³	6 x 10⁴	3.6 x 10³	3.531 x 10	2.118 x 10³
1.66666 x 10 ⁻²	1	1.66666 x 10	1x 10³	6 x 10	5.885 x 10 ⁻³	3.531x 10
1 x 10 ⁻³	6 x 10 ⁻²	1	6 x 10	3.6	3.531 x 10 ⁻⁴	2.118
1.66666 x 10 ⁻⁵	1 x 10 ⁻³	1.66666 x 10 ⁻²	1	6 x 10 ⁻²	5.9 x 10 ⁻⁴	3.54 x 10 ⁻²
2.77777 x 10 ⁻⁴	1.66666 x 10 ⁻²	2.77777x 10 ⁻¹	1.66666 x 10	1	9.81x10 ⁻³	5.886 x 10 ⁻¹
2.832 x 10 ⁻²	1.69833	2.831x 10	1.69833 x 10³	1.019 x 10 ⁻²	1	6 x 10
4.72 x 10 ⁻⁴	2.831x 10 ⁻²	0.472	2.831 x 10	1.6983	1.66666 x 10 ⁻²	1

The Static Pressure Conversion Table

Pa=N/m²	mmH₂O	inH₂O	kgf/cm²	afm	bar	lbf/in²
1	1.0197 x 10 ⁻³	4.017 x 10 ⁻³	1.0197 x 10 ⁻⁴	9.869x 10 ⁻⁶	1 x 10 ⁻⁵	1.450 x 10 ⁻⁴
9.80665	1	3.939 x 10 ⁻²	1x 10 ⁻⁴	9.678 x 10 ⁻⁵	9.806 x 10 ⁻⁵	1.422 x 10 ⁻³
2.49 x 10 ²	25.4	1	2.54 x 10 ⁻³	2.46 x 10 ⁻³	2.49 x 10 ⁻³	3.61 x 10 ⁻²
9.80665 x 10 ⁴	10 ⁴	3.937 x 10 ²	1	0.9678	0.980665	14.2234
1.01325 x 10 ⁵	1.0332 x 10 ⁴	4.071x 10 ²	1.03323	1	1.01325	14.6960
1 x 10 ⁵	1.0197 x 10 ⁴	4.018 x 10 ²	1.01972	0.986932	1	14.5038
6.895 x 10³	7.031 x 10 ²	27.686	7.031 x 10 ⁻²	6.805 x 10 ⁻²	6.895 x 10 ⁻²	1

Note: The “Life Expectancy” of this fan has not been evaluated for use in combination with any end application. Therefore, the Life Expectancy Test Reports(L10 and MTTF Report) that relate to this fan are only for reference.

*All model could be customized on voltage or any other requirements to fit your need.
*Specifications subject to change without notice. Please Visit SUNON web site at <http://www.sunon.com> for update information.

Headquarters:
Sunonwealth Electric Machine Industry Co., Ltd.
TEL : +886-7-8135888
FAX :+886-7-8230505/8230606/8231010
URL: <http://www.sunon.com>
E-mail: sunon@email.sunon.com.tw

Sunon Inc. (U.S.A.)
TEL : +1-714-255-0208
FAX :+ 1-714-255-0802
URL : <http://www.sunonusa.com>
E-mail : info@sunon.com

Sunon SAS (Europe)
TEL : +33-1-46154515
FAX : +33-1-46154510
URL: <http://www.sunoneurope.com>
E-mail : info@sunoneurope.com

Sunon Corporation (Japan)
TEL : +81-3-5395-3069
FAX: +81-3-5395-3080
URL: <http://www.sunon.co.jp>
E-mail : info@sunon.co.jp

Sunon Technologies Pte Ltd. (Singapore)
TEL : +65-6795-0300
FAX :+65-6795-0600
E-mail : info@sunon.com.sg

Sunonwealth Electric Machine Industry (HK) Ltd. (Hong Kong)
TEL : + 852-24-111-388
FAX : + 852-24-050-707
E-mail : info@sunon.com.hk

Sunon Shanghai Office (Shanghai, China)
TEL : +86-021-54072207
FAX :+86-021-54072207 Ext:23
URL: <http://www.sunon.com.cn>

Sunon Shen Zhen Office (Shen Zhen, China)
TEL : +86-755-26880688
FAX :+86-755-26880288
E-mail : info@sunon.com.cn

Sunon Guangzhou Office (Guangzhou, China)
TEL : +86-20-87788928
FAX :+86-20-87786786

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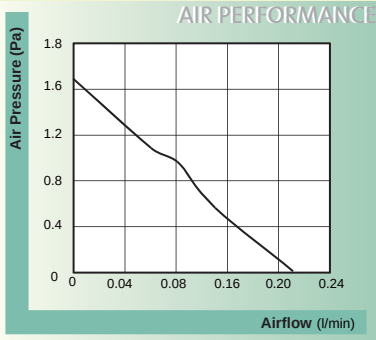
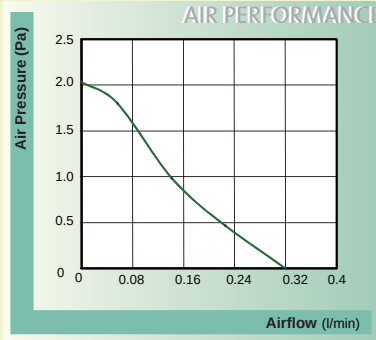
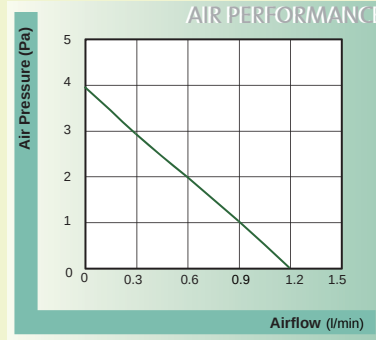
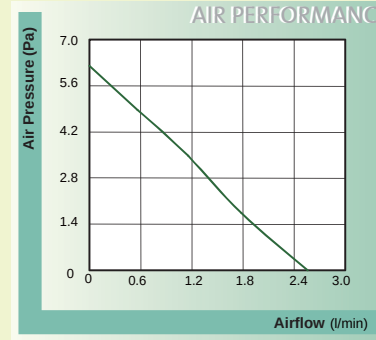
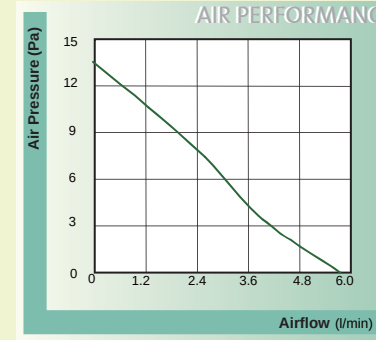
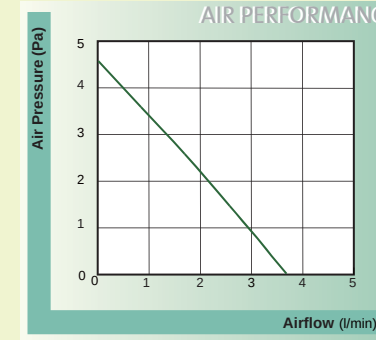
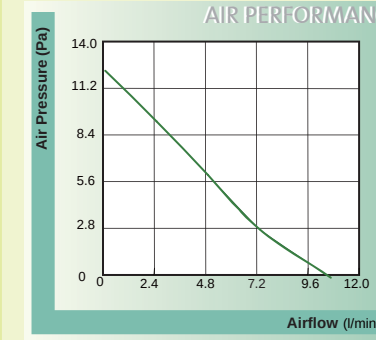
Mighty Mini Fan & Blower

*All products are **RoHS** compliance.



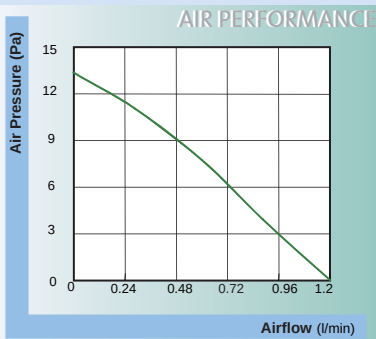
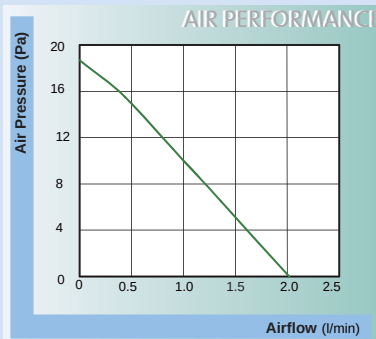
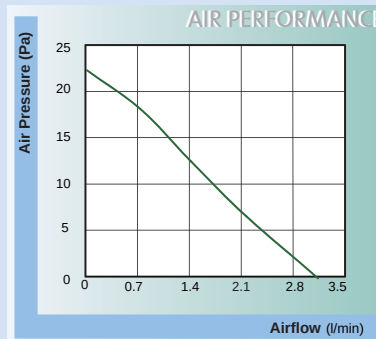
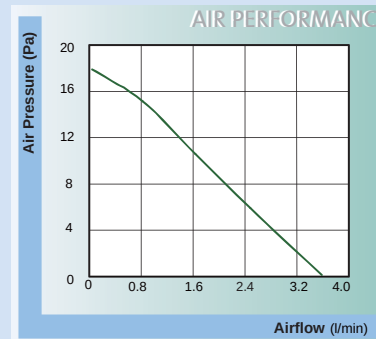
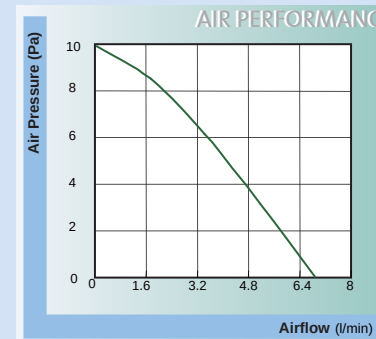
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Fan series

	8x8x3 mm	8x8x5 mm	10x10x5 mm	12x12x5 mm	15x15x3 mm	15x15x5 mm	17x17x3 mm
Model	UF383-100	UF385-10	UF3A5-100	UF3C5-10	UF3F3-10	UF3F5-100	UF3H3-10
Operating Voltage (V)	2.1~3.5 V	2.2~3.5 V	2.7~3.5 V	2.2~3.5 V	2.2~3.5 V	2.3~3.5 V	2.2~3.5 V
Voltage (V)	3 V	3 V	3 V	3 V	3 V	3 V	3 V
Power Current(mA)	93 mA	65 mA	51 mA	40 mA	30 mA	28 mA	30 mA
Power Consumption (Watts)	0.3 Watts	0.2 Watts	0.2 Watts	0.12 Watts	0.09 Watts	0.1 Watts	0.09 Watts
Speed (RPM)	13500 RPM	14000 RPM	14600 RPM	11500 RPM	10000 RPM	7200 RPM	9600 RPM
Air Flow (l/min)	0.2 l/min	0.32 l/min	1.3 l/min	2.6 l/min	5.8 l/min	3.7 l/min	10.5 l/min
Static Pressure (Pa)	1.56 Pa	2 Pa	3.93 Pa	6.2 Pa	13.7 Pa	4.65 Pa	12.5 Pa
Noise (dBA)	2.1 dBA/0.2M	19.5 dBA/5cm	9.1 dBA/1M	9.1 dBA/30cm	16.8 dBA/30cm	3.7 dBA/0.3M	21.2/30cm
Weight (g)	0.3 g	0.44 g	0.68 g	0.88 g	0.76 g	1.2 g	0.88g
							
							

* Preliminary specification for reference.

Blower series

	9x9x3 mm	12x12x3 mm	15x15x3 mm	17x17x3 mm	30x30x3 mm
Model	UB393-10	UB3C3-10	UB3F3-10	UB3H3-10	UB5U3-10
Operating Voltage (V)	1.8~3.5 V	2.2~3.5 V	2.2~3.5 V	2.2~3.5 V	2.2~3.5 V
Voltage (V)	3 V	3 V	3 V	3 V	5 V
Power Current(mA)	30 mA	45 mA	45 mA	45 mA	57 mA
Power Consumption (Watts)	0.09 Watts	0.13 Watts	0.13 Watts	0.13 Watts	0.29 Watts
Speed (RPM)	15000 RPM	10000 RPM	8000 RPM	6500 RPM	3800 RPM
Air Flow (l/min)	1.2 l/min	2.0 l/min	3.1 l/min	3.55 l/min	6.8 l/min
Static Pressure (Pa)	13.4 Pa	18.7 Pa	22.4 Pa	18 Pa	10 Pa
Noise (dBA)	14.4 dBA/30cm	24.6 dBA/30cm	27.9 dBA/30cm	33.1 dBA/30cm	24.8 dBA/30cm
Weight (g)	0.47 g	0.55 g	0.69 g	0.78 g	1.92 g
					
					

* Preliminary specification for reference.

Portable computers are becoming increasingly smaller, from the “Light & Portable” to today’s “Palm-top computing”, computer products are packing more powerful and diverse functions into smaller case sizes. In response to such needs, Sunon has developed the world’s smallest and slimmest “Sunon Mighty Mini Fan & Blower”. Sunon makes the inventors’ dreams come true - its highly effective mini fans make micro products possible. Sunon’s micro technologies are enabled by Sunon’s patented MagLev Design. Passing the most stringent tests, the innovative products of Sunon are trusted for their long usage life, low vibration, low noise, and high power efficiency designs.