

Mighty Mini Fan & Blower

# Model Numbering System



UF 3 8 3 - 1 00

**Running No.**  
0~9 , A~Z

**PIN Type**  
1: FPCB Connector (3<sup>rd</sup> F type)  
5: 3 Lead Wires (3<sup>rd</sup> F type)  
7: 2 Lead Wires

**Thickness**  
3: 3mm 5: 5mm

**Size**  
8: 8mm A: 10mm F: 15mm U: 30mm  
9: 9mm C: 12mm H: 17mm

**Voltage**  
3: 3VDC  
5: 5VDC

**Series**  
UF: Fan  
UB: Blower



### The Airflow Conversion Table

m <sup>3</sup> /s	m <sup>3</sup> /min	l/s	l/min	m <sup>3</sup> /h	ft <sup>3</sup> /S	CFM
1	6 x 10	1 x 10 <sup>3</sup>	6 x 10 <sup>4</sup>	3.6 x 10 <sup>3</sup>	3.531 x 10	2.118 x 10 <sup>3</sup>
1.66666 x 10 <sup>-2</sup>	1	1.66666 x 10	1x 10 <sup>3</sup>	6 x 10	5.885 x 10 <sup>-1</sup>	3.531x 10
1 x 10 <sup>-3</sup>	6 x 10 <sup>-2</sup>	1	6 x 10	3.6	3.531 x 10 <sup>-2</sup>	2.118
1.66666 x 10 <sup>-5</sup>	1 x 10 <sup>-3</sup>	1.66666 x 10 <sup>2</sup>	1	6 x 10 <sup>-2</sup>	5.9 x 10 <sup>-4</sup>	3.54 x 10 <sup>-2</sup>
2.77777 x 10 <sup>-4</sup>	1.66666 x 10 <sup>-2</sup>	2.77777x 10 <sup>-1</sup>	1.66666 x 10	1	9.81x10 <sup>-3</sup>	5.886 x 10 <sup>-1</sup>
2.832 x 10 <sup>-2</sup>	1.69833	2.831x 10	1.69833 x 10 <sup>3</sup>	1.019 x 10 <sup>2</sup>	1	6 x 10
4.72 x 10 <sup>-4</sup>	2.831x 10 <sup>-2</sup>	0.472	2.831 x 10	1.6983	1.66666 x 10 <sup>-2</sup>	1

### The Static Pressure Conversion Table

Pa=N/m <sup>2</sup>	mmH <sub>2</sub> O	inH <sub>2</sub> O	kgf/cm <sup>2</sup>	afm	bar	lbf/in <sup>2</sup>
1	1.0197 x 10 <sup>-1</sup>	4.017 x 10 <sup>-3</sup>	1.0197 x 10 <sup>-5</sup>	9.869x 10 <sup>-6</sup>	1 x 10 <sup>-5</sup>	1.450 x 10 <sup>-4</sup>
9.80665	1	3.939 x 10 <sup>-2</sup>	1x 10 <sup>-4</sup>	9.678 x 10 <sup>-5</sup>	9.806 x 10 <sup>-5</sup>	1.422 x 10 <sup>-3</sup>
2.49 x 10 <sup>2</sup>	25.4	1	2.54 x 10 <sup>-3</sup>	2.46 x 10 <sup>-3</sup>	2.49 x 10 <sup>-3</sup>	3.61 x 10 <sup>-2</sup>
9.80665 x 10 <sup>4</sup>	10 <sup>4</sup>	3.937 x 10 <sup>2</sup>	1	0.9678	0.980665	14.2234
1.01325 x 10 <sup>5</sup>	1.0332 x 10 <sup>4</sup>	4.071x 10 <sup>2</sup>	1.03323	1	1.01325	14.6960
1 x 10 <sup>5</sup>	1.0197 x 10 <sup>4</sup>	4.018 x 10 <sup>2</sup>	1.01972	0.986932	1	14.5038
6.895 x 10 <sup>3</sup>	7.031 x 10 <sup>2</sup>	27.686	7.031 x 10 <sup>-2</sup>	6.805 x 10 <sup>-2</sup>	6.895 x 10 <sup>-2</sup>	1

#### Sunonwealth Electric Machine Industry Co., Ltd. (Headquarters)

TEL : +886-7-8135888  
URL: www.sunon.com  
E-mail: sunon@email.sunon.com.tw

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

TEL : +1-714-255-0208  
URL : www.sunonusa.com  
E-mail : info@sunon.com

#### Sunon SAS (Europe)

TEL : +33-1-46154515  
URL: www.sunoneurope.com  
E-mail : info@sunoneurope.com

#### Sunon Corporation (Japan)

TEL : +81-3-5395-3069  
URL: www.sunon.co.jp  
E-mail : info@sunon.co.jp

#### Sunon China(Shanghai, China)

URL: www.sunon.com.cn

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

TEL : + 852-24-111-388  
E-mail : info@sunon.com.hk

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

TEL : +86-755-26880688  
E-mail : info@sunon.com.cn

#### Sunon Guangzhou Office (Guangzhou, China)

TEL : +86-20-87788928

#### Sunon Taipei Office(Taipei)

TEL: 02-27992383

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\*All products are RoHS compliant.



SUNON®

Fan Series

Size (mm)	Model	Rating Voltage (VDC)	Operating Voltage (VDC)	Power Current (mA)	Power Consumption (Watts)	Speed (RPM)	Air Flow (l/min)	Static Pressure (Pa)	Noise dB(A)/30cm
8x8x3	UF383-100	3	2.1-3.5	93	0.30	13500	0.17	1.56	--
8x8x5	UF385-100	3	2.0-3.5	49	0.10	17000	0.61	2.98	--
10x10x3	UF3A3-500 UF3A3-700	3	2.0-3.5	96	0.29	17000	3.43	10.44	--
12x12x3	UF3C3-500 UF3C3-700	3	2.0-3.5	97	0.30	16500	5.95	18.91	--
15x15x3	UF3F3-500 UF3F3-700	3	2.0-3.5	36	0.10	14500	8.75	20.36	30.9
17x17x3	UF3H3-500 UF3H3-700	3	2.0-3.5	37	0.10	13000	16.27	18.55	32.0



8x8x3 mm



8x8x5 mm



10x10x3 mm



12x12x3 mm



15x15x3 mm



17x17x3 mm

Blower Series

Size (mm)	Model	Rating Voltage (VDC)	Operating Voltage (VDC)	Power Current (mA)	Power Consumption (Watts)	Speed (RPM)	Air Flow (l/min)	Static Pressure (Pa)	Noise dB(A)/30cm
9x9x3	UB393-500 UB393-700	3	2.0-3.5	92	0.28	17400	1.17	4.44	--
12x12x3	UB3C3-500 UB3C3-700	3	2.0-3.5	36	0.10	15500	2.67	22.96	26.6
15x15x3	UB3F3-500 UB3F3-700	3	2.0-3.5	38	0.10	14000	4.53	28.81	34.1
17x17x3	UB3H3-500 UB3H3-700	3	2.0-3.5	37	0.10	12500	6.17	40.34	32.6
30x30x3	UB5U3-500 UB5U3-700	5	2.0-6.0	72	0.36	9500	17.84	88.18	39.2



9x9x3 mm



12x12x3 mm



15x15x3 mm



17x17x3 mm



30x30x3 mm

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Note:

1. If you need special specification. Please contact Sunon sales.
2. Specifications are subject to change without notice. Specifications in this catalog are for reference. More Sunon products information please visit SUNON web site at <http://www.sunon.com>.
3. For critical or extreme environments, including non stop operation, please contact Sunon and we will gladly provide assistance with your product selection to ensure an appropriate cooling product for your application.
4. The "Life Expectancy" of the fan has not been evaluated for use in combination with any end application. Therefore, the Life Expectancy Test Reports(Lio and MTTF Report) that relate to the fan are only for reference.

※ Acoustical sound measurement of SUNON fans is to install the running fan in free air with a microphone at a distance of 100cm from the fan intake. In consideration of the background noise is higher than the sound of Mighty Mini Series, the measure distance is shortened to 30cm in order to obtain more accurate at figures.