

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

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\*All products are RoHS compliant.



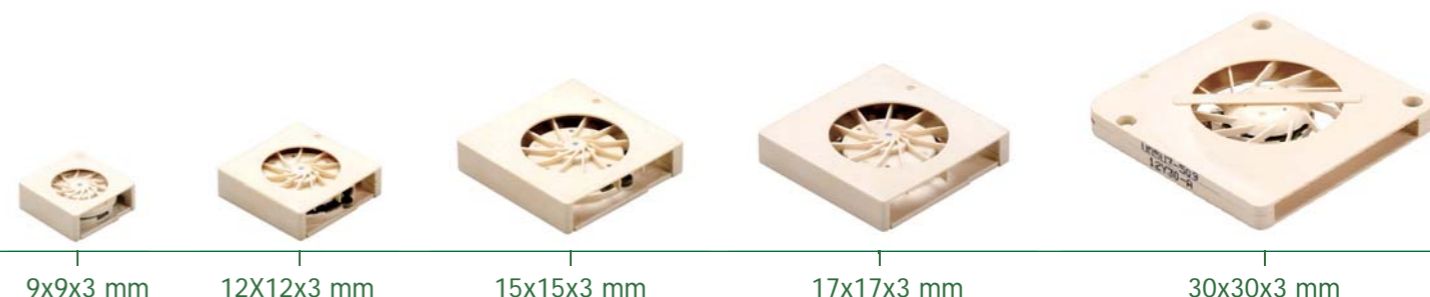
Fan Series

Size (mm)	Model	Rating Voltage (V)	Operating Voltage (V)	Power Current (mA)	Power Consumption (Watts)	Speed (RPM)	Air Flow (l/min)	Static Pressure (Pa)	Noise dB(A)
8x8x3	UF383-100	3	2.1-3.5	93	0.30	13500	0.17	1.56	14.1 / 5cm
8x8x5	UF385-100	3	2.0-3.5	49	0.10	17000	0.61	2.98	17.1 / 30cm
10x10x3	UF3A3-500 UF3A3-700	3	2.0-3.5	96	0.29	17000	3.43	10.44	27.3 / 10cm
12x12x3	UF3C3-500 UF3C3-700	3	2.0-3.5	97	0.30	16500	5.95	18.91	28.3 / 20cm
15x15x3	UF3F3-500 UF3F3-700	3	2.0-3.5	36	0.10	14500	8.75	20.36	30.0 / 30cm
17x17x3	UF3H3-500 UF3H3-700	3	2.0-3.5	37	0.10	13000	16.27	21.21	32.0 / 30cm



Blower Series

Size (mm)	Model	Rating Voltage (V)	Operating Voltage (V)	Power Current (mA)	Power Consumption (Watts)	Speed (RPM)	Air Flow (l/min)	Static Pressure (Pa)	Noise dB(A)
9x9x3	UB393-500 UB393-700	3	2.0-3.5	92	0.28	17400	1.17	16.17	25.0 / 30cm
12x12x3	UB3C3-500 UB3C3-700	3	2.0-3.5	36	0.10	15500	2.67	22.96	26.0 / 30cm
15x15x3	UB3F3-500 UB3F3-700	3	2.0-3.5	38	0.10	14000	4.53	33.85	30.0 / 30cm
17x17x3	UB3H3-500 UB3H3-700	3	2.0-3.5	37	0.10	12500	6.50	40.34	32.0 / 30cm
30x30x3	UB5U3-500 UB5U3-700	3	2.0-6.0	72	0.36	9500	18.0	88.18	36.0 / 30cm



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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(L10 and MTTF Report) that relate to the fan are only for reference.