



# Fans

High Performance | Low Noise | Long Life



FULLTECH® 171206  
MODEL GF1725GBP923 MIDXA  
AC 230 V 50/60Hz  
88 W BALL BEARING  
Thermally Protected  
FULLTECH ELECTRIC CO., LTD.  
No. 11, 1st St. Road, San-Chia, Tainan, Taiwan, R.O.C.  
CE  
MADE IN TAIWAN



FULLTECH®  
MODEL GF1155-230 MIDXA  
AC115-230 V 50/60Hz  
5.2 W BALL BEARING  
EP  
FULLTECH ELECTRIC CO., LTD.  
No. 11, 1st St. Road, San-Chia, Tainan, Taiwan, R.O.C.  
CE  
MADE IN TAIWAN



# AC TUBE AXIAL FAN

## General Data:

- Frame/Housing : Aluminum die-casting
- Impeller : Plastic PBT PC, nylon or metal.
- Bearing System : Ball bearing or sleeve bearing
- Motor : Shaded pole or capacitor start-run
- Connection : Lead wire or terminal type
- Protection : Impedance-Protected or Thermally-Protected
- Insulation Resistance : Above 100M $\Omega$ , DC500V.
- Dielectric withstand voltage : AC 1,500V (50/60Hz) one minute
- Life Expectancy : Ball bearing: Over 40,000 hr. (at 40°C)  
Sleeve bearing: Over 15,000 hr. (at 40°C)
- Safety Approval : CUL, CE, TUV, either UL or ETL.



- Description of Model No.

UF	12	A	(R)	11	B	T	H	N
1	2	3	4	5	6	7	8	9

### 1. UF:

Fulltech

### 2. Size:

12 : 120 x 120mm  
 13 : 127 x 127mm  
 92 : 92 x 92mm  
 80 : 80 x 80mm  
 15 : 150 x 172mm  
 17 : 172 x 172mm  
 25 : 254 x 254mm  
 60 : 60 x 60mm  
 16 : 160 x 160mm  
 18 : 180 x 180mm  
 20 : 205 x 205mm  
 22 : Ø223mm

### 3. Thickness:

A : 38mm  
 B : 25mm  
 D : 30mm  
 G : 89mm  
 K : 55mm  
 P : 51mm  
 F : 62mm  
 J : 90mm  
 H : 107mm

### 4. Special Design:

C : Capacitor Start-run  
 R : Reverse Air  
 M : Metal Impeller  
 CR : Capacitor Induction Motor  
 + Reverse Air  
 MR : Metal Impeller + Reverse Air  
 E : Without Frame  
 A : 3 Phases

### 5. Input Voltage:

11 : 115V  
 23 : 230V  
 10 : 100V  
 20 : 200V

### 6. Bearing:

B : Ball  
 S : Sleeve

### 7. Electrical Connection:

T : Terminal Type  
 W : Lead Wire

### 8. Speed:

H : High  
 M : Medium  
 L : Low

### 9. Feature:

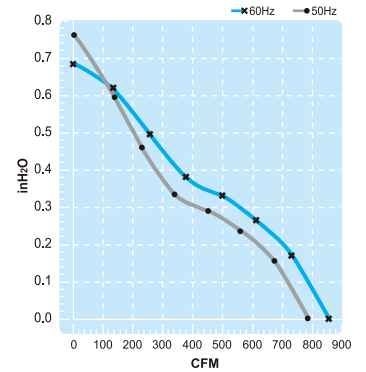
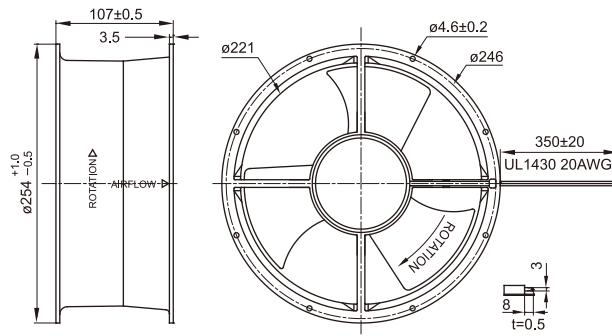
N : Motor Sealed  
 D : Stator Painted  
 S : Tachometer  
 Sensor Fan  
 F : Class F

Special or custom design are welcome. For example as follow:

- Dual voltage type of 115V / 230V.
- Dual speed type or multiple speed type.
- Special voltage type, like AC24V, 48V, 380V.
- Hall sensor type.

# UF25H(C) Series

Size :  $\varnothing 254 \times 107$   
Unit : mm



Thermally-Protected

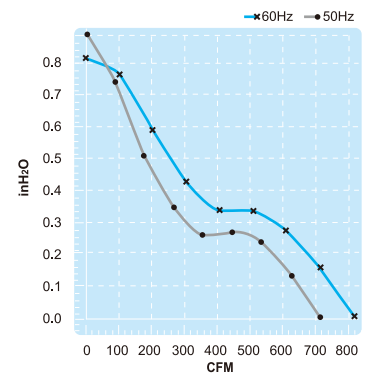
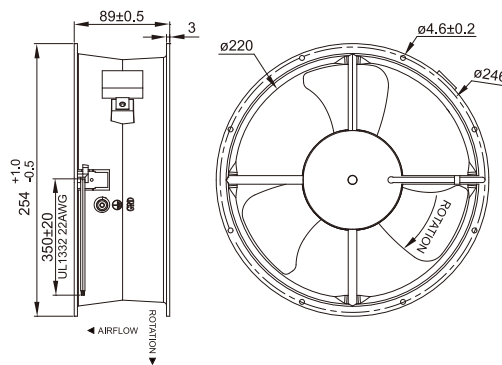
Terminal or Lead Wire Type



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF25HC11-H	115	50	95	0.85	1.65	2600	22	780	19.0	0.75	63	2.5
		60	125	1.07	1.50	2750	24	850	17.5	0.68	65	
UF25HC23-H	230	50	95	0.42	0.80	2600	22	780	19.0	0.75	63	2.5
		60	125	0.50	0.75	2750	24	850	17.5	0.68	65	

# UF25G(CB) Series

Size :  $\varnothing 254 \times 89$   
Unit : mm



Thermally-Protected

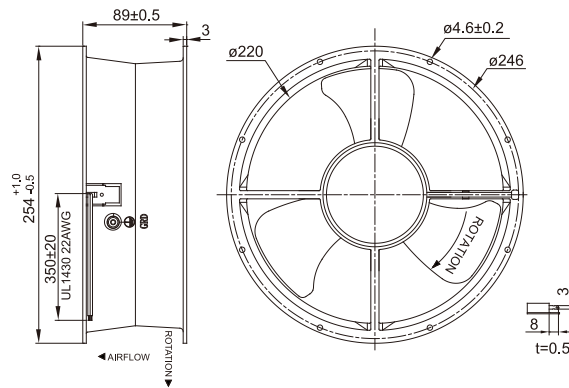
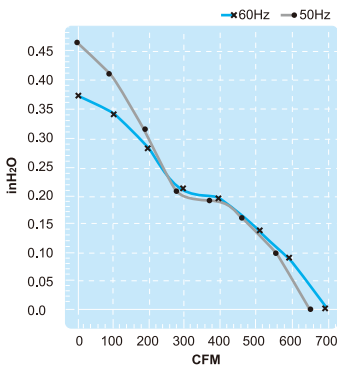
Terminal or Lead Wire Type



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF25GCB11-H	115	50	68	0.62	1.16	2800	20.2	713	22.7	0.90	62	2.3
		60	96	0.88	1.16	3200	23.0	812	20.7	0.82	65	
UF25GCB23-H	230	50	70	0.32	0.60	2800	20.2	713	22.7	0.90	62	2.3
		60	98	0.45	0.60	3200	23.0	812	20.7	0.82	65	

# UF25G(CA) Series

Size :  $\varnothing 254 \times 89$   
Unit : mm



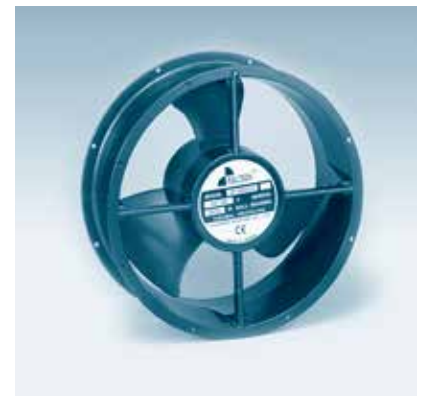
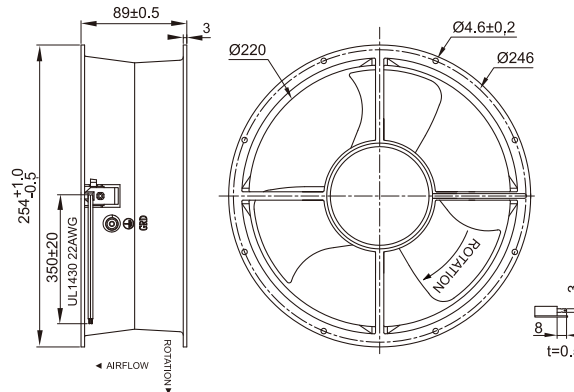
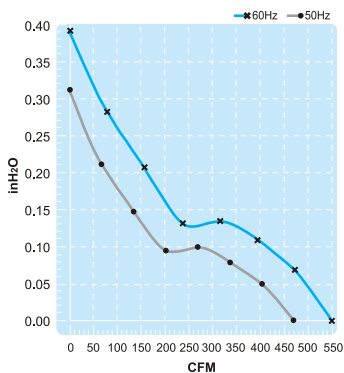
Terminal or Lead Wire Type

Thermally-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF25GCA11-H	115	50	60	0.51	0.71	2500	18.5	650	11.7	0.46	61	1.9
		60	75	0.66	0.70	2600	19.3	680	9.40	0.37	62	
UF25GCA23-H	230	50	60	0.25	0.36	2500	18.5	650	11.7	0.46	61	1.9
		60	75	0.35	0.36	2600	19.3	680	9.40	0.37	62	

# UF25G(C) Series

Size :  $\varnothing 254 \times 89$   
Unit : mm



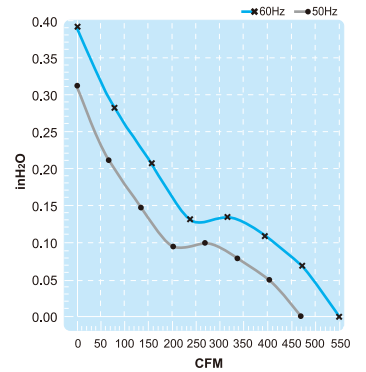
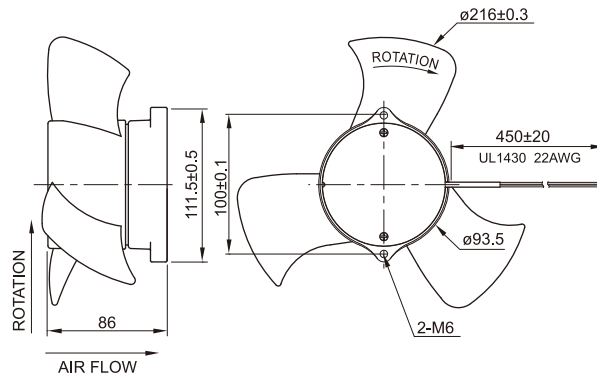
Terminal or Lead Wire Type

Thermally-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF25GC10-H	100	50	36	0.45	0.74	1400	13.0	460	8.0	0.32	52	1.9
		60	36	0.40	0.72	1650	15.5	550	10.0	0.40	55	
UF25GC11-H	115	50	31	0.30	0.53	1400	13.0	460	8.0	0.32	52	1.9
		60	33	0.29	0.51	1650	15.5	550	10.0	0.40	55	
UF25GC20-H	200	50	36	0.22	0.35	1400	13.0	460	8.0	0.32	52	1.9
		60	36	0.19	0.34	1650	15.5	550	10.0	0.40	55	
UF25GC23-H	230	50	31	0.14	0.26	1400	13.0	460	8.0	0.32	52	1.9
		60	33	0.14	0.25	1650	15.5	550	10.0	0.40	55	

# UF25G(CE) Series

Size :  $\varnothing 216 \times 86$   
Unit : mm



Lead Wire Type

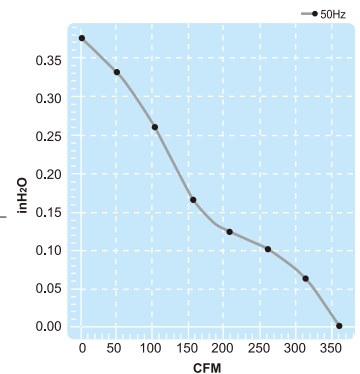
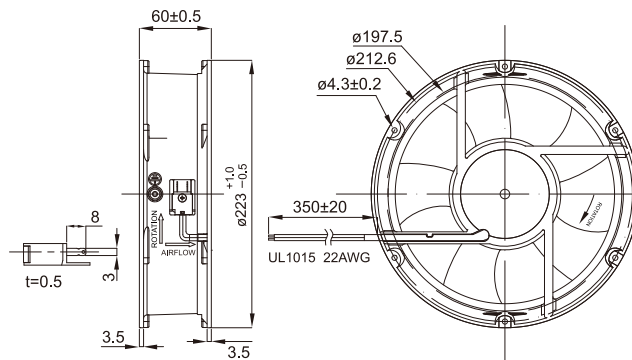
Thermally-Protected



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF25GCE11-H	115	50	36	0.30	0.53	1400	13.0	460	8.0	0.32	52	1.4
		60	39	0.29	0.51	1650	15.5	550	10.0	0.40	55	
UF25GCE23-H	230	50	36	0.14	0.26	1400	13.0	460	8.0	0.32	52	1.4
		60	39	0.14	0.25	1650	15.5	550	10.0	0.40	55	

# UF22F Series

Size :  $\varnothing 223 \times 60$   
Unit : mm



Terminal or Lead Wire Type

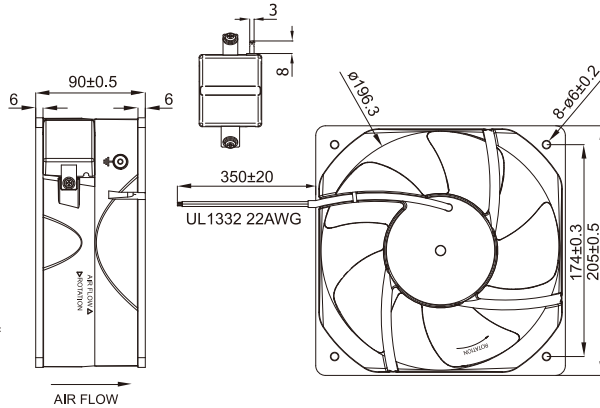
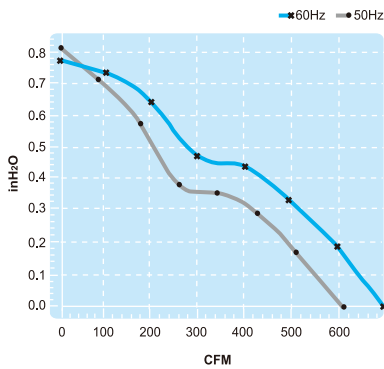
Thermally-Protected



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF22F23-H	230	50	47	0.35	0.56	2700	11	400	10.9	0.43	57	1.5

# UF20J(C) Series

Size : 205 x 205 x 90  
Unit : mm



Terminal or Lead Wire Type

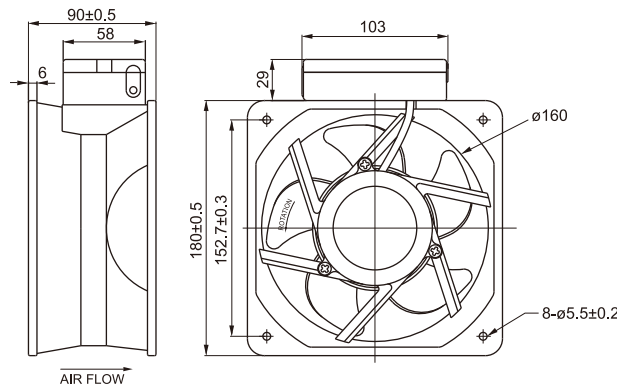
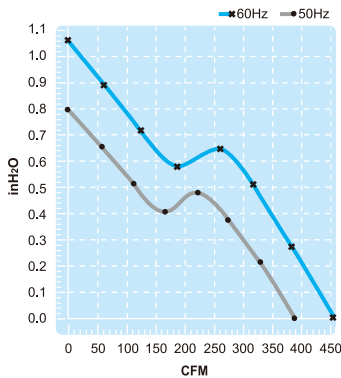
Thermally-Protected



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF20JC11-H	115	50	70	0.62	1.22	2800	17.0	600	20.3	0.80	67	2.4
		60	98	0.90	1.22	3200	19.3	680	19.8	0.77	71	
UF20JC23-H	230	50	70	0.32	0.60	2800	17.0	600	20.3	0.80	67	2.4
		60	98	0.45	0.61	3200	19.3	680	19.8	0.77	71	

# UF18J(C) Series

Size : 180 x 180 x 90  
Unit : mm



Terminal Box Type

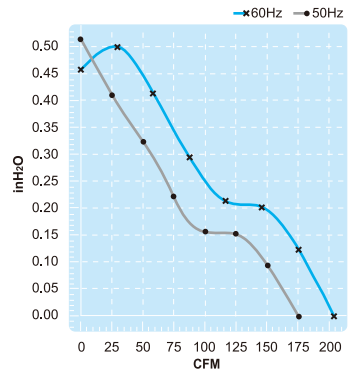
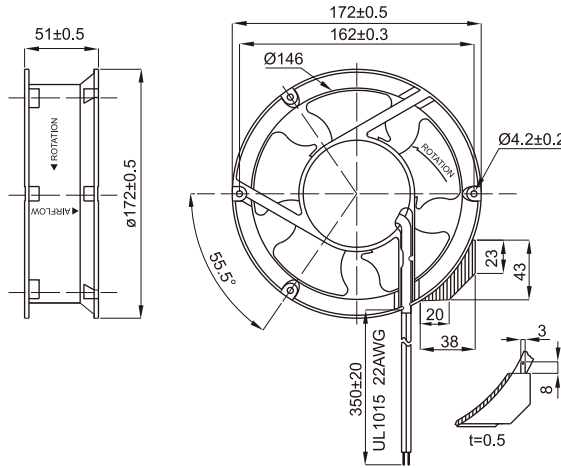
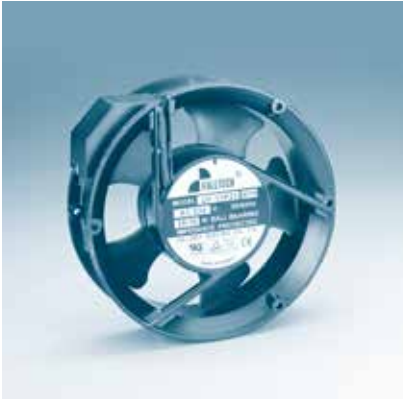
Thermally-Protected



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF18JC10-H	100	50	78	1.05	2.05	2850	11	390	20	0.78	54	2.2
		60	72	0.77	2.30	3400	13	460	27	1.06	59	
UF18JC11-H	115	50	78	0.88	2.00	2850	11	390	20	0.78	54	2.2
		60	72	0.63	2.01	3400	13	460	27	1.06	59	
UF18JC20-H	200	50	75	0.48	0.97	2850	11	390	20	0.78	54	2.2
		60	72	0.38	0.98	3400	13	460	27	1.06	59	
UF18JC23-H	230	50	75	0.42	1.00	2850	11	390	20	0.78	54	2.2
		60	72	0.31	1.01	3400	13	460	27	1.06	59	

# UF17P Series

Size :  $\varnothing 172 \times 51$   
Unit : mm



Impedance-Protected

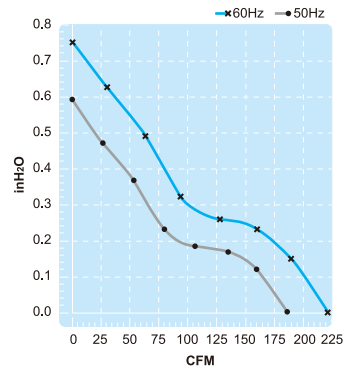
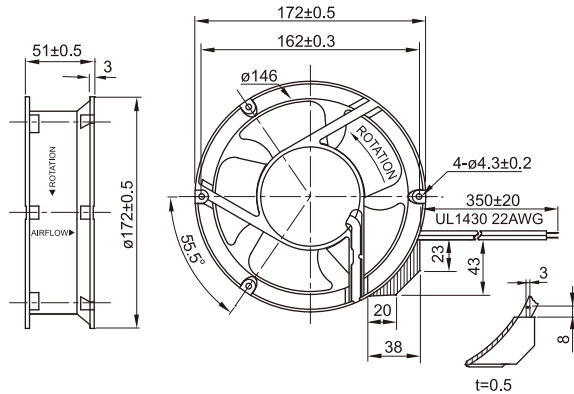
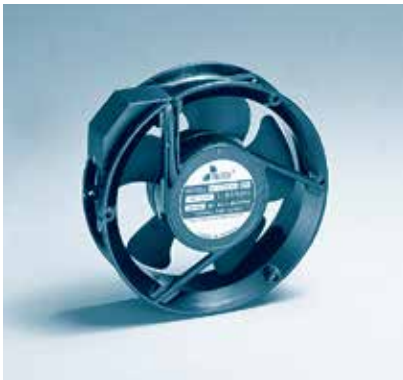
Terminal or Lead Wire Type



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF17P11-H	115	50	32	0.43	0.51	2750	4.8	170	10.5	0.42	49	0.9
		60	28	0.36	0.45	3100	5.5	195	9.5	0.38	53	
UF17P23-H	230	50	35	0.23	0.29	2750	4.8	170	10.5	0.42	49	0.9
		60	30	0.18	0.25	3100	5.5	195	9.5	0.38	53	

# UF17P(C) Series

Size :  $\varnothing 172 \times 51$   
Unit : mm



Thermally-Protected

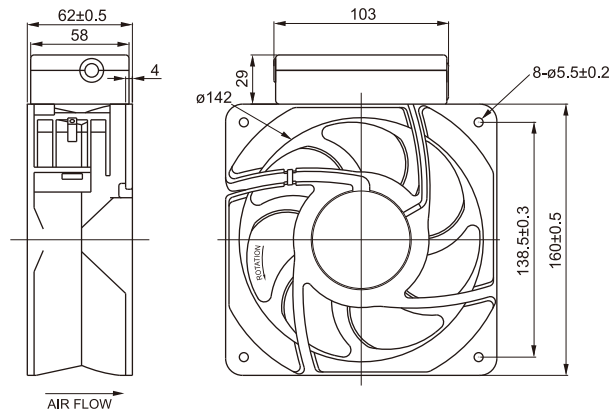
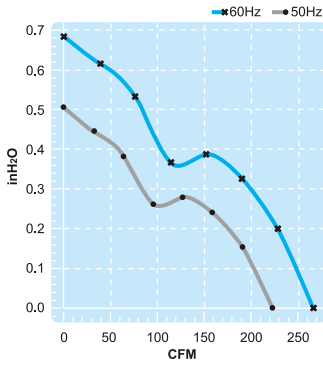
Terminal or Lead Wire Type



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF17PC10-H	100	50	30	0.33	0.50	2850	5.8	205	16	0.63	50	0.82
		60	30	0.29	0.52	3400	6.4	226	20	0.79	55	
UF17PC11-H	115	50	31	0.26	0.41	2850	5.8	205	16	0.63	50	0.82
		60	31	0.25	0.43	3400	6.4	226	20	0.79	55	
UF17PC20-H	200	50	29	0.15	0.23	2850	5.8	205	16	0.63	50	0.82
		60	29	0.14	0.25	3400	6.4	226	20	0.79	55	
UF17PC23-H	230	50	29	0.12	0.19	2850	5.8	205	16	0.63	50	0.82
		60	29	0.12	0.19	3400	6.4	226	20	0.79	55	
UF17PC11-L	115	50	31	0.17	0.21	1400	2.5	88	3.8	0.15	31	0.82
		60	31	0.15	0.20	1700	3.0	106	5.5	0.22	37	
UF17PC23-L	230	50	29	0.08	0.09	1400	2.5	88	3.8	0.15	31	0.82
		60	29	0.07	0.09	1700	3.0	106	5.5	0.22	37	

# UF16F(C) Series

Size : 160 x 160 x 62  
Unit : mm



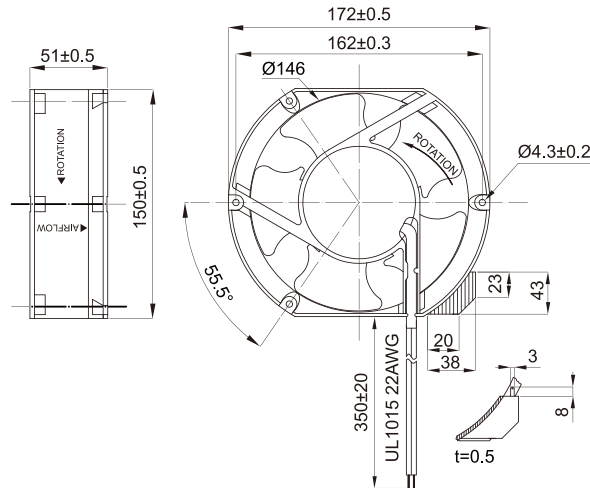
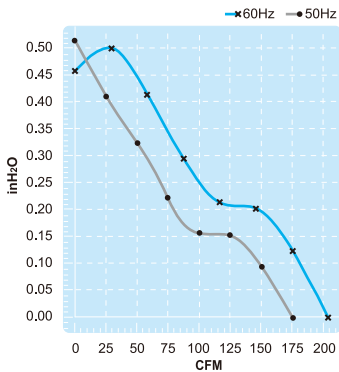
## Terminal Box Type

## Thermally-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF16FC10-H	100	50	46	0.54	0.88	2850	6.3	222	13.5	0.53	52	1.33
		60	41	0.44	0.92	3400	7.5	265	18.2	0.72	56	
UF16FC11-H	115	50	46	0.43	0.80	2850	6.3	222	13.5	0.53	52	1.33
		60	41	0.34	0.79	3400	7.5	265	18.2	0.72	56	
UF16FC20-H	200	50	46	0.27	0.45	2850	6.3	222	13.5	0.53	52	1.33
		60	41	0.22	0.48	3400	7.5	265	18.2	0.72	56	
UF16FC23-H	230	50	46	0.22	0.20	2850	6.3	222	13.5	0.53	52	1.33
		60	41	0.17	0.41	3400	7.5	265	18.2	0.72	56	

# UF15P Series

Size : 172 x 150 x 51  
Unit : mm



## Terminal or Lead Wire Type

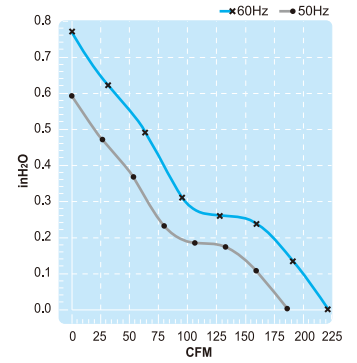
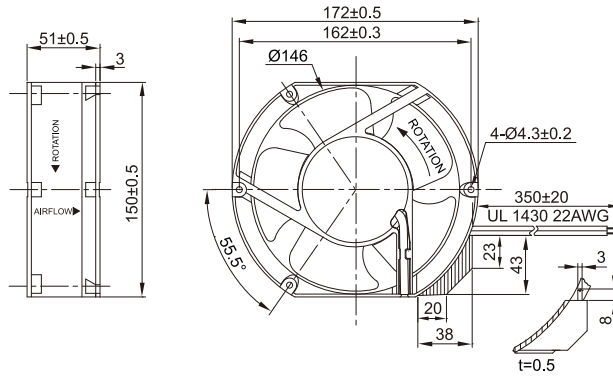
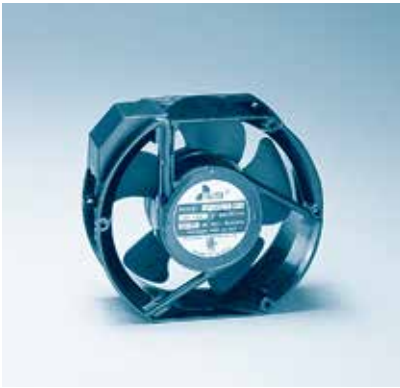
## Impedance-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF15P11-H	115	50	32	0.43	0.51	2750	4.8	170	10.5	0.42	50	0.9
		60	28	0.36	0.45	3100	5.5	195	9.5	0.38	55	
UF15P23-H	230	50	35	0.23	0.29	2750	4.8	170	10.5	0.42	50	0.9
		60	30	0.18	0.25	3100	5.5	195	9.5	0.38	55	



# UF15P(C) Series

Size : 172 x 150 x 51  
Unit : mm



**Thermally-Protected**

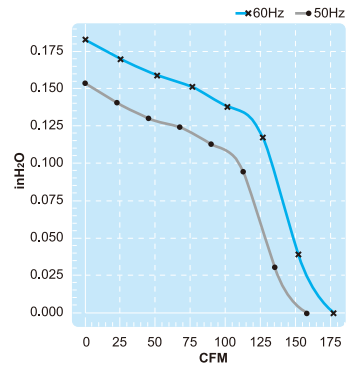
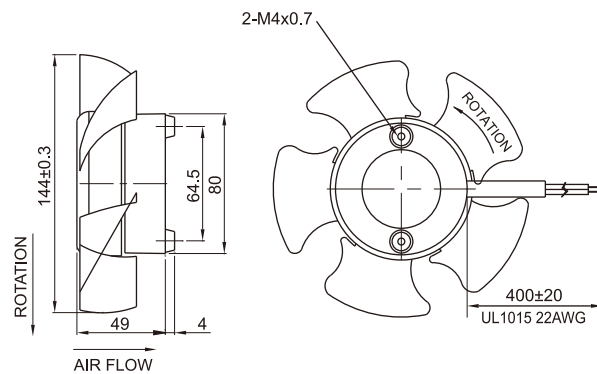
**Terminal or Lead Wire Type**



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF15PC10-H	100	50	30	0.33	0.50	2850	5.8	205	16	0.63	53	0.8
		60	30	0.29	0.52	3400	6.4	226	20	0.79	58	
UF15PC11-H	115	50	31	0.26	0.41	2850	5.8	205	16	0.63	53	0.8
		60	31	0.25	0.43	3400	6.4	226	20	0.79	58	
UF15PC20-H	200	50	29	0.15	0.23	2850	5.8	205	16	0.63	53	0.8
		60	29	0.14	0.25	3400	6.4	226	20	0.79	58	
UF15PC23-H	230	50	29	0.12	0.19	2850	5.8	205	16	0.63	53	0.8
		60	29	0.12	0.19	3400	6.4	226	20	0.79	58	
UF15PC11-L	115	50	31	0.17	0.21	1400	2.5	88	3.8	0.15	31	0.8
		60	31	0.15	0.20	1700	3.0	106	5.5	0.22	37	
UF15PC23-L	230	50	29	0.08	0.09	1400	2.5	88	3.8	0.15	31	0.8
		60	29	0.07	0.09	1700	3.0	106	5.5	0.22	37	

# UF15P(E) Series

Size : ø 144 x 53  
Unit : mm



**Impedance-Protected**

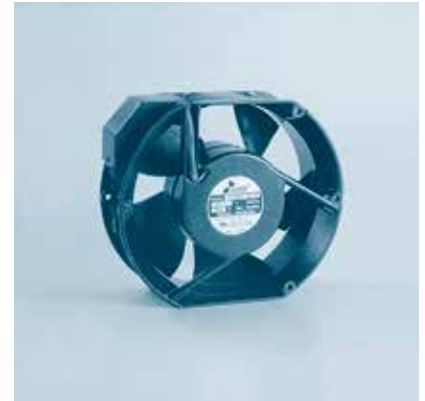
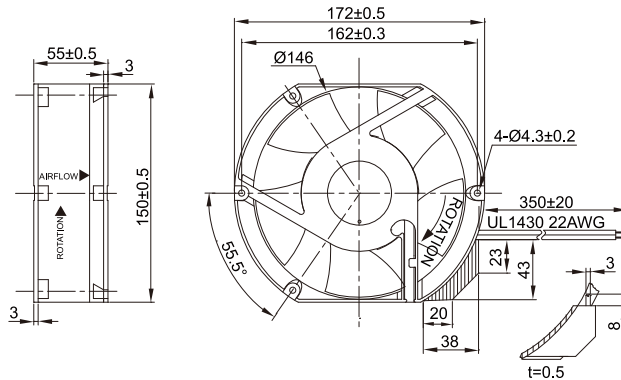
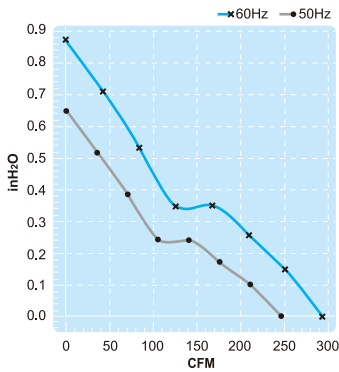
**Lead Wire Type**



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF15PE11-H	115	50	36	0.51	0.62	2650	4.53	160	4.06	0.16	48	0.78
		60	33	0.42	0.54	2950	5.10	180	4.57	0.18	53	
UF15PE23-H	230	50	36	0.24	0.29	2650	4.53	160	4.06	0.16	48	0.78
		60	33	0.20	0.25	2950	5.10	180	4.57	0.18	53	

# UF15K(C) Series

Size : 172 x 150 x 55  
Unit : mm



Terminal or Lead Wire Type

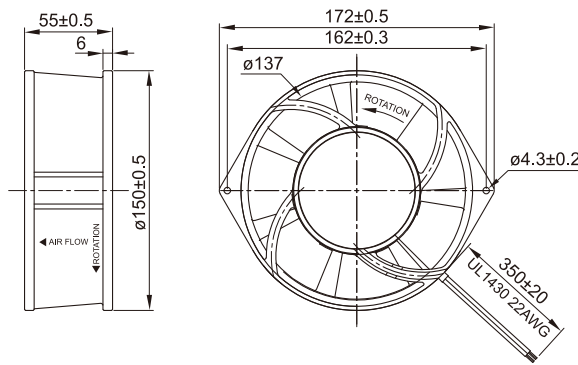
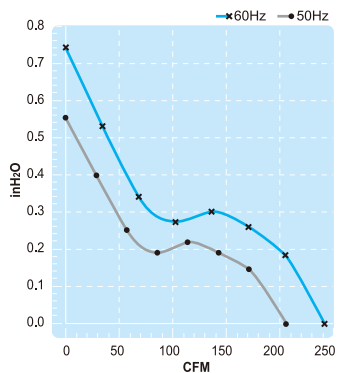
Thermally-Protected



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF15KC11-H	115	50	39	0.38	0.750	2900	6.8	240	17	0.67	55	1.05
		60	38	0.34	0.760	3400	8.3	293	23	0.90	60	
UF15KC23-H	230	50	38	0.18	0.380	2900	6.8	240	17	0.67	55	1.05
		60	38	0.17	0.380	3400	8.3	293	23	0.90	60	

# UF15K(CR) Series

Size : 172 x 150 x 55  
Unit : mm



Terminal or Lead Wire Type

Thermally-Protected

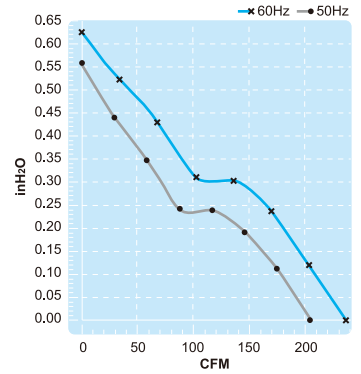
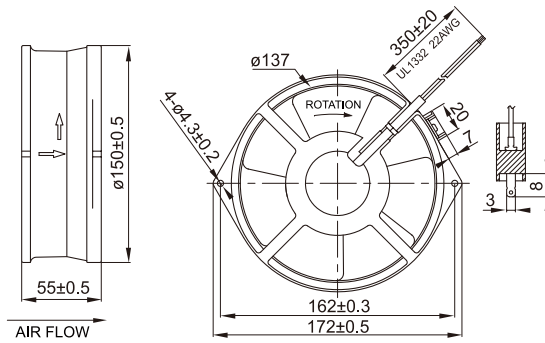


Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF15KCR10-H	100	50	28	0.32	0.72	2850	5.8	205	14.0	0.55	61	1.08
		60	32	0.33	0.72	3400	6.8	241	18.5	0.73	66	
UF15KCR11-H	115	50	26	0.24	0.58	2850	5.8	205	14.0	0.55	61	1.08
		60	30	0.25	0.58	3400	6.8	241	18.5	0.73	66	
UF15KCR20-H	200	50	28	0.15	0.35	2850	5.8	205	14.0	0.55	61	1.08
		60	32	0.16	0.35	3400	6.8	241	18.5	0.73	66	
UF15KCR23-H	230	50	26	0.11	0.28	2850	5.8	205	14.0	0.55	61	1.08
		60	31	0.13	0.28	3400	6.8	241	18.5	0.73	66	

# UF15K(M) Series

Size : 172 x 150 x 55  
Unit : mm

\* Metal Impeller



Thermally-Protected

Terminal or Lead Wire Type

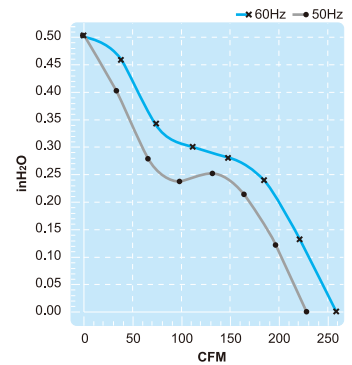
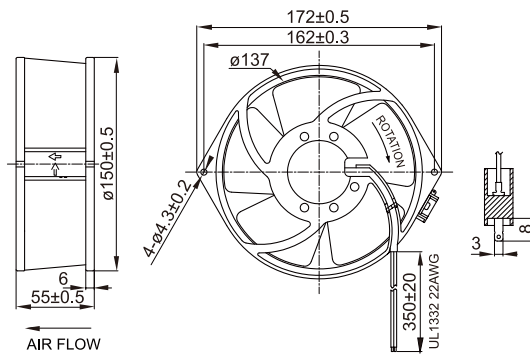


Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF15KM10-H	100	50	40	0.58	1.03	2800	5.5	195	14	0.55	49	1.10
		60	38	0.50	0.89	3250	6.5	230	16	0.63	53	
UF15KM11-H	115	50	42	0.52	0.88	2800	5.5	195	14	0.55	49	1.10
		60	42	0.47	0.75	3250	6.5	230	16	0.63	53	
UF15KM20-H	200	50	40	0.29	0.50	2800	5.5	195	14	0.55	49	1.10
		60	38	0.26	0.45	3250	6.5	230	16	0.63	53	
UF15KM23-H	230	50	42	0.25	0.43	2800	5.5	195	14	0.55	49	1.10
		60	42	0.23	0.37	3250	6.5	230	16	0.63	53	

# UF15K(MR) Series

Size : 172 x 150 x 55  
Unit : mm

\* Metal Impeller



Thermally-Protected

Terminal or Lead Wire Type

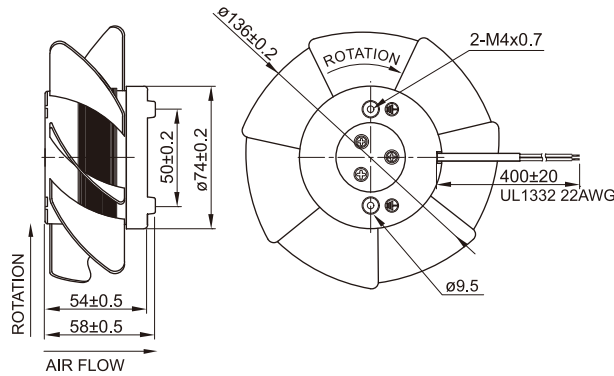
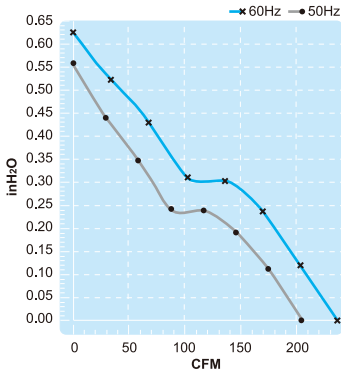


Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF15KMR10-H	100	50	43	0.60	1.03	2750	6.4	225	12.5	0.50	58	1.10
		60	43	0.57	0.86	3150	7.2	255	12.5	0.50	61	
UF15KMR11-H	115	50	45	0.54	0.90	2750	6.4	225	12.5	0.50	58	1.10
		60	45	0.51	0.80	3150	7.2	255	12.5	0.50	61	
UF15KMR20-H	200	50	43	0.30	0.50	2750	6.4	225	12.5	0.50	58	1.10
		60	43	0.28	0.43	3150	7.2	255	12.5	0.50	61	
UF15KMR23-H	230	50	45	0.27	0.44	2750	6.4	225	12.5	0.50	58	1.10
		60	45	0.25	0.38	3150	7.2	255	12.5	0.50	61	

# UF15K(ME) Series

Size :  $\varnothing 136 \times 58$   
Unit : mm

\* Metal Impeller



Lead Wire Type

Thermally-Protected

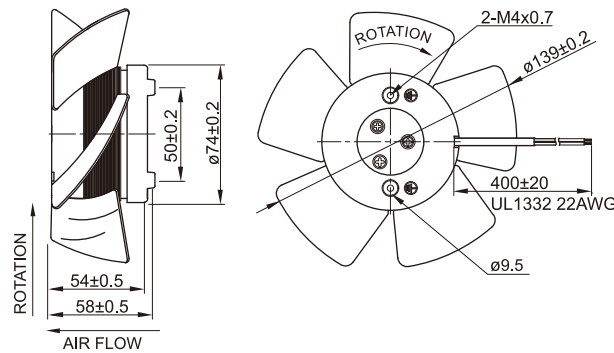
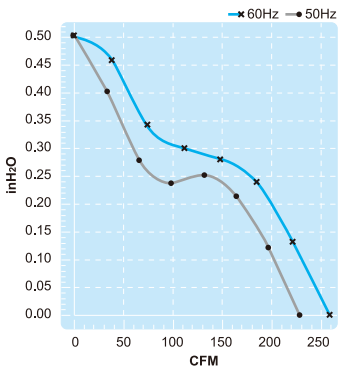


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF15KME11-H	115	50	42	0.51	0.87	2800	5.5	195	14	0.55	45	0.91
		60	42	0.46	0.74	3250	6.5	230	16	0.63	50	
UF15KME23-H	230	50	42	0.25	0.43	2800	5.5	195	14	0.55	45	0.91
		60	42	0.23	0.37	3250	6.5	230	16	0.63	50	

# UF15K(MRE) Series

Size :  $\varnothing 139 \times 58$   
Unit : mm

\* Metal Impeller



Lead Wire Type

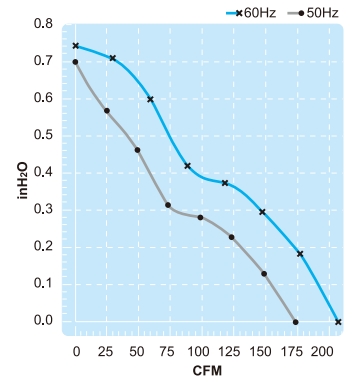
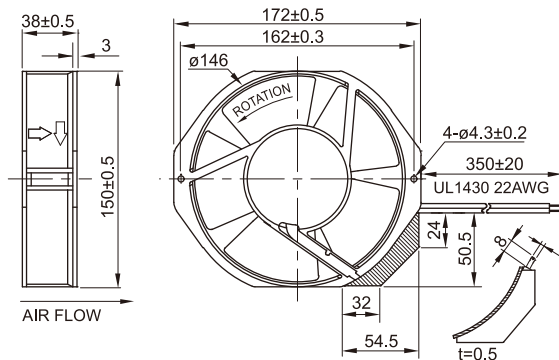
Thermally-Protected



Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF15KMRE11-H	115	50	45	0.54	0.90	2750	6.4	225	12.5	0.50	54	0.85
		60	45	0.51	0.80	3150	7.2	255	12.5	0.50	57	
UF15KMRE23-H	230	50	45	0.27	0.44	2750	6.4	225	12.5	0.50	54	0.85
		60	45	0.25	0.38	3150	7.2	255	12.5	0.50	57	

# UF15A(C) Series

Size : 172 x 150 x 38  
Unit : mm



**Thermally-Protected**

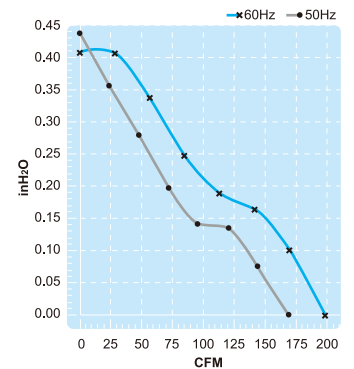
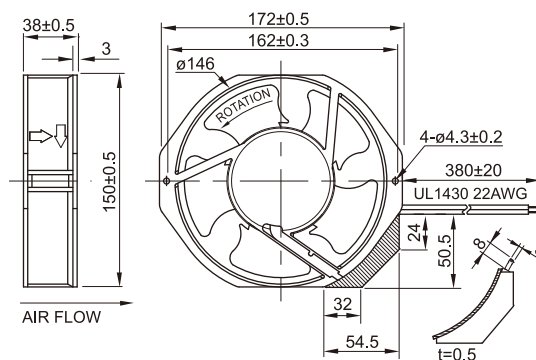
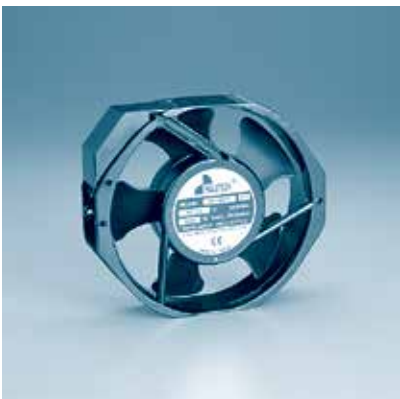
**Terminal or Lead Wire Type**



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF15AC10-H	100	50	27	0.29	0.47	2850	5.0	177	17.0	0.67	54	0.72
		60	25	0.25	0.47	3400	6.0	212	19.0	0.75	58	
UF15AC11-H	115	50	29	0.25	0.36	2850	5.0	177	17.0	0.67	54	0.72
		60	28	0.23	0.38	3400	6.0	212	19.0	0.75	58	
UF15AC20-H	200	50	27	0.13	0.21	2850	5.0	177	17.0	0.67	54	0.72
		60	25	0.12	0.22	3400	6.0	212	19.0	0.75	58	
UF15AC23-H	230	50	27	0.11	0.18	2850	5.0	177	17.0	0.67	54	0.72
		60	26	0.11	0.18	3400	6.0	212	19.0	0.75	58	
UF15AC11-L	115	50	29	0.17	0.20	1400	2.4	85	4.50	0.18	38	0.72
		60	28	0.15	0.20	1700	2.9	103	6.50	0.26	44	
UF15AC23-L	230	50	27	0.08	0.10	1400	2.4	85	4.50	0.18	38	0.72
		60	26	0.07	0.10	1700	2.9	103	6.50	0.26	44	

# UF15A Series

Size : 172 x 150 x 38  
Unit : mm



**Impedance-Protected**

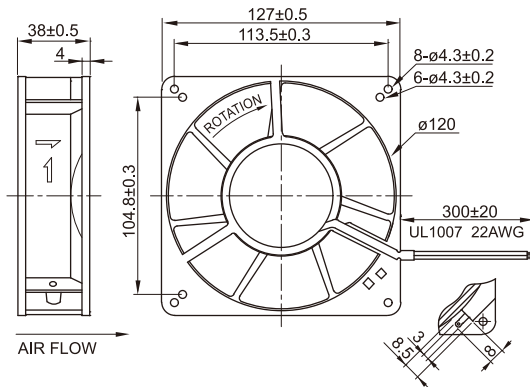
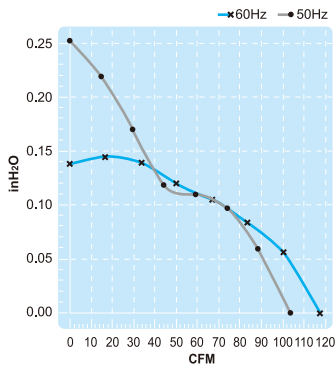
**Terminal or Lead Wire Type**



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF15A11-H	115	50	36	0.50	0.66	2750	4.7	166	11	0.43	50	0.78
		60	30	0.38	0.56	3200	5.6	198	10	0.40	55	
UF15A23-H	230	50	39	0.25	0.32	2750	4.7	166	11	0.43	50	0.78
		60	31	0.19	0.28	3200	5.6	198	10	0.40	55	

# UF13A Series

Size : 127 x 127 x 38  
Unit : mm



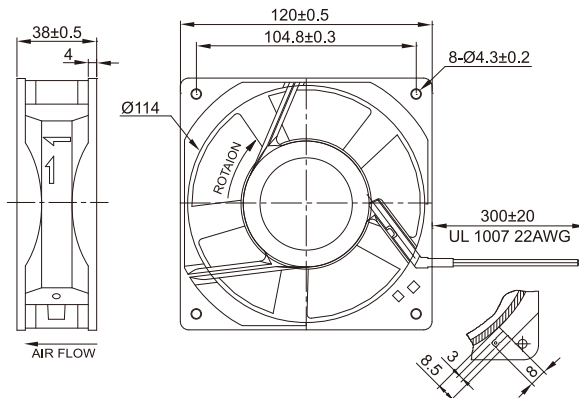
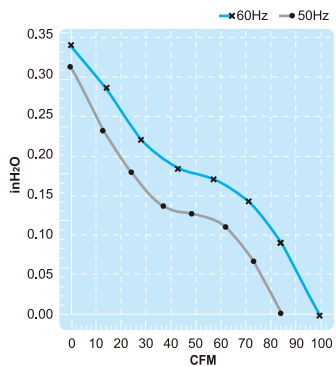
Terminal or Lead Wire Type

Impedance-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF13A10-H	100	50	15	0.24	0.33	2700	2.9	103	7.3	0.29	46	0.55
		60	13	0.20	0.27	3000	3.4	120	2.8	0.11	50	
UF13A11-H	115	50	14	0.20	0.26	2700	2.9	103	7.3	0.29	46	0.55
		60	12	0.16	0.23	3000	3.4	120	2.8	0.11	50	
UF13A20-H	200	50	15	0.12	0.17	2700	2.9	103	7.3	0.29	46	0.55
		60	13	0.10	0.14	3000	3.4	120	2.8	0.11	50	
UF13A23-H	230	50	17	0.10	0.13	2700	2.9	103	7.3	0.29	46	0.55
		60	15	0.09	0.11	3000	3.4	120	2.8	0.11	50	

# UF12A(R) Series

\* Reverse Air Flow  
Size : 120 x 120 x 38  
Unit : mm



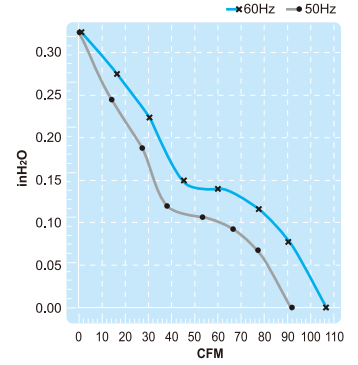
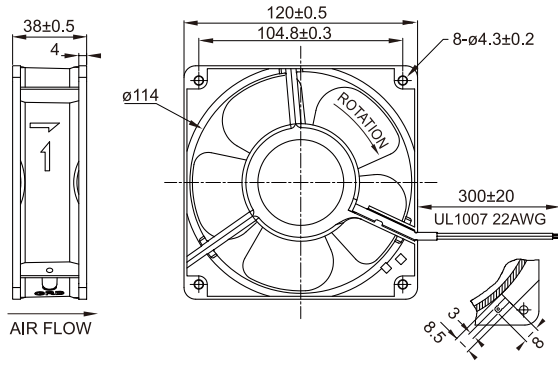
Terminal or Lead Wire Type

Impedance-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF12AR10-H	100	50	15	0.24	0.33	2700	2.4	85	8.0	0.32	45	0.53
		60	13	0.20	0.27	3100	2.8	99	8.5	0.33	47	
UF12AR11-H	115	50	13	0.20	0.22	2700	2.4	85	8.0	0.32	45	0.53
		60	11	0.19	0.20	3100	2.8	99	8.5	0.33	47	
UF12AR20-H	200	50	15	0.12	0.17	2700	2.4	85	8.0	0.32	45	0.53
		60	13	0.10	0.13	3100	2.8	99	8.5	0.33	47	
UF12AR23-H	230	50	17	0.10	0.11	2700	2.4	85	8.0	0.32	45	0.53
		60	15	0.09	0.10	3100	2.8	99	8.5	0.33	47	
UF12AR11-M	115	50	13	0.18	0.20	2500	2.2	78	6.0	0.24	43	0.53
		60	11	0.17	0.19	2750	2.4	85	6.5	0.26	45	
UF12AR23-M	230	50	17	0.09	0.10	2500	2.2	78	6.0	0.24	43	0.53
		60	15	0.08	0.09	2750	2.4	85	6.5	0.26	45	
UF12AR11-L	115	50	13	0.16	0.18	2100	1.9	67	3.8	0.15	36	0.53
		60	11	0.15	0.16	2300	2.1	75	4.0	0.16	38	
UF12AR23-L	230	50	17	0.08	0.09	2100	1.9	67	3.8	0.15	36	0.53
		60	15	0.07	0.08	2300	2.1	75	4.0	0.16	38	

# UF12A Series

Size : 120 x 120 x 38  
Unit : mm



Impedance-Protected

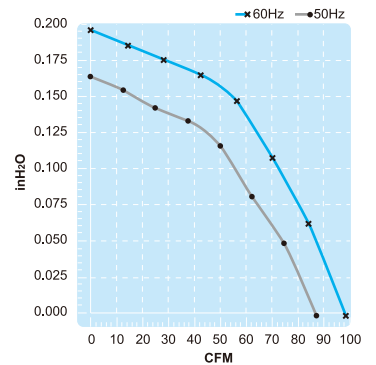
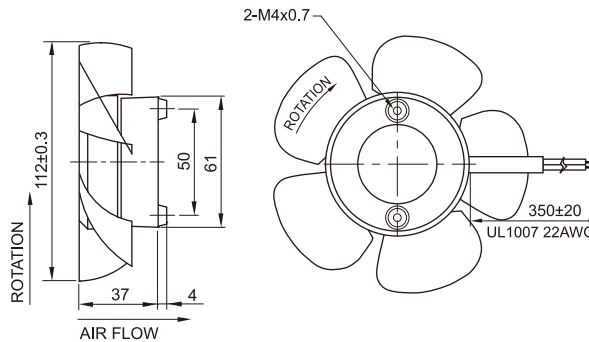
Terminal or Lead Wire Type



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF12A10-H	100	50	15	0.25	0.33	2700	2.6	92	8.0	0.32	42	0.53
		60	13	0.20	0.28	3100	3.0	106	8.0	0.32	46	
UF12A11-H	115	50	14	0.20	0.27	2700	2.6	92	8.0	0.32	42	0.53
		60	12	0.16	0.23	3100	3.0	106	8.0	0.32	46	
UF12A20-H	200	50	19	0.12	0.17	2700	2.6	92	8.0	0.32	42	0.53
		60	16	0.10	0.13	3100	3.0	106	8.0	0.32	46	
UF12A23-H	230	50	17	0.14	0.17	2700	2.6	92	8.0	0.32	42	0.53
		60	15	0.11	0.15	3100	3.0	106	8.0	0.32	46	
UF12A11-M	115	50	14	0.18	0.20	2500	2.4	85	6.5	0.26	40	0.53
		60	12	0.17	0.19	2750	2.6	92	7.0	0.28	42	
UF12A23-M	230	50	17	0.09	0.10	2500	2.4	85	6.5	0.26	40	0.53
		60	15	0.08	0.09	2750	2.6	92	5.5	0.22	42	
UF12A11-L	115	50	14	0.16	0.18	2100	2.1	75	4.0	0.16	36	0.53
		60	12	0.15	0.16	2300	2.3	82	4.1	0.16	38	
UF12A23-L	230	50	17	0.08	0.09	2100	2.1	75	4.0	0.16	36	0.53
		60	15	0.07	0.08	2300	2.3	82	4.1	0.16	38	

# UF12A(E) Series

Size : ø112 x 41  
Unit : mm



Impedance-Protected

Lead Wire Type



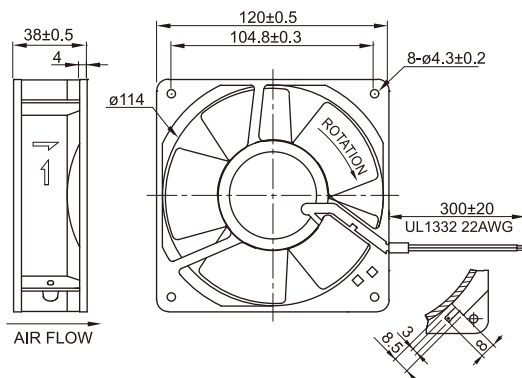
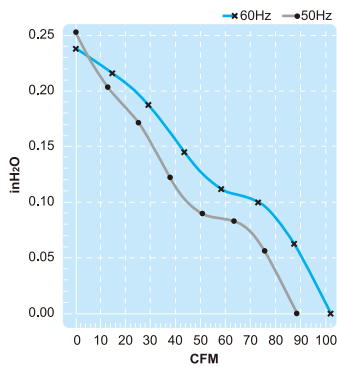
Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF12AE11-H	115	50	15	0.21	0.28	2700	2.4	85	4.0	0.15	38	0.37
		60	13	0.17	0.24	3000	2.7	95	4.8	0.18	42	
UF12AE23-H	230	50	16	0.11	0.14	2700	2.4	85	4.0	0.15	38	0.37
		60	14	0.09	0.12	3000	2.7	95	4.8	0.18	42	

# UF12A(M) Series

Size : 120 x 120 x 38

\* Metal Impeller

Unit : mm



Terminal or Lead Wire Type

Impedance-Protected

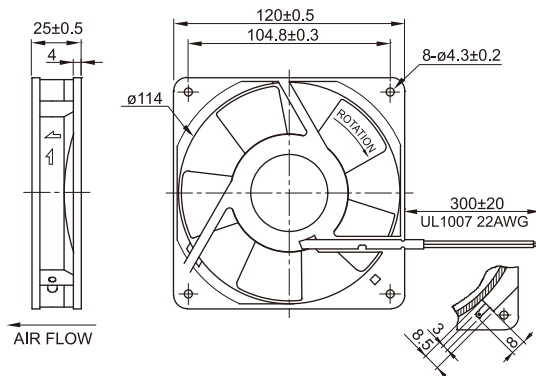
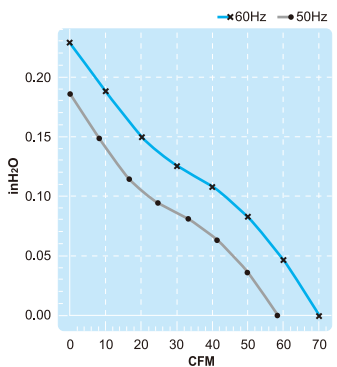
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF12AM10-H	100	50	18	0.26	0.34	2700	2.5	89	6.5	0.26	42	0.55
		60	17	0.23	0.30	3100	2.9	103	6.0	0.24	46	
UF12AM11-H	115	50	15	0.17	0.25	2700	2.5	89	6.5	0.26	42	0.55
		60	13	0.15	0.22	3100	2.9	103	6.0	0.24	46	
UF12AM20-H	200	50	18	0.13	0.17	2700	2.5	89	6.5	0.26	42	0.55
		60	17	0.11	0.15	3100	2.9	103	6.0	0.24	46	
UF12AM23-H	230	50	17	0.10	0.13	2700	2.5	89	6.5	0.26	42	0.55
		60	15	0.09	0.12	3100	2.9	103	6.0	0.24	46	

# UF12B(R) Series

Size : 120 x 120 x 25

\* Reverse Air Flow

Unit : mm



Terminal or Lead Wire Type

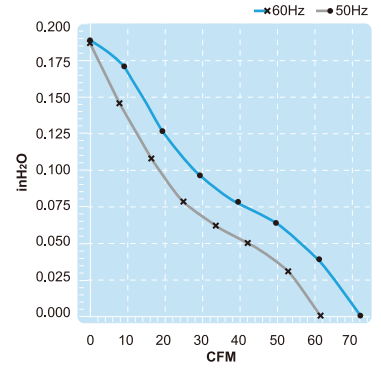
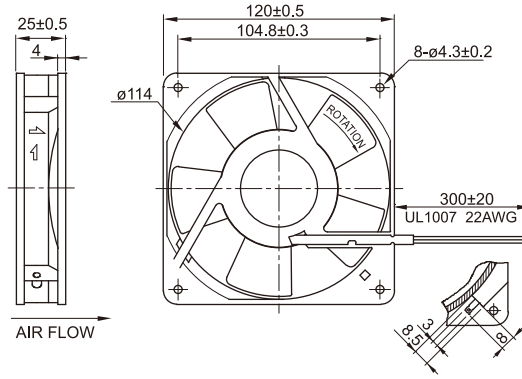
Impedance-Protected

Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF12BR11-H	115	50	14	0.15	0.16	2400	1.7	60	4.5	0.18	38	0.33
		60	11	0.12	0.15	2900	2.0	70	5.4	0.21	42	
UF12BR23-H	230	50	16	0.08	0.09	2400	1.7	60	4.5	0.18	38	0.33
		60	14	0.07	0.08	2900	2.0	70	5.4	0.21	42	



# UF12B Series

Size : 120 x 120 x 25  
Unit : mm



Impedance-Protected

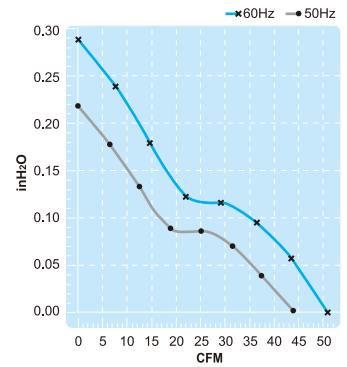
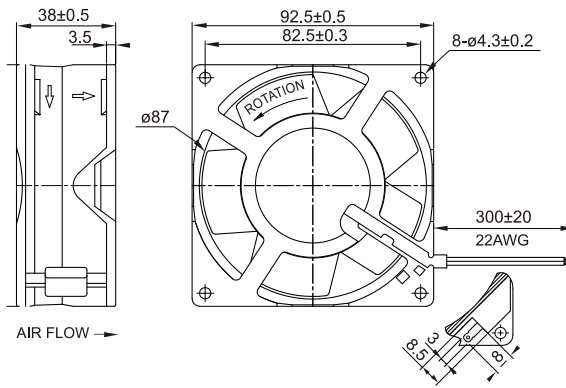
Terminal or Lead Wire Type



Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF12B10-H	100	50	16	0.19	0.20	2400	1.8	62	4.7	0.19	38	0.33
		60	14	0.18	0.19	2900	2.1	75	4.7	0.19	42	
UF12B11-H	115	50	14	0.15	0.16	2400	1.8	62	4.7	0.19	38	0.33
		60	11	0.12	0.15	2900	2.1	75	4.7	0.19	42	
UF12B20-H	200	50	15	0.09	1.00	2400	1.8	62	4.7	0.19	38	0.33
		60	12	0.07	0.08	2900	2.1	75	4.7	0.19	42	
UF12B23-H	230	50	16	0.08	0.09	2400	1.8	62	4.7	0.19	38	0.33
		60	14	0.07	0.08	2900	2.1	75	4.7	0.19	42	
UF12B11-L	115	50	14	0.14	0.15	1600	1.3	42	1.8	0.07	31	0.33
		60	11	0.11	0.12	2000	1.5	53	2.7	0.11	33	
UF12B23-L	230	50	16	0.07	0.08	1600	1.3	42	1.8	0.07	31	0.33
		60	14	0.06	0.07	2000	1.5	53	2.7	0.11	33	

# UF92A(M) Series

Size : 92.5 x 92.5 x 38  
Unit : mm \* Metal Impeller



Impedance-Protected

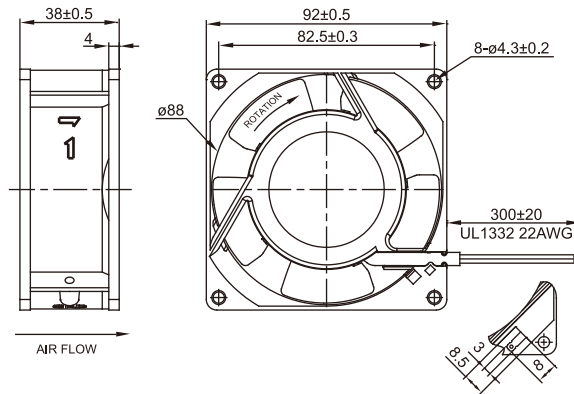
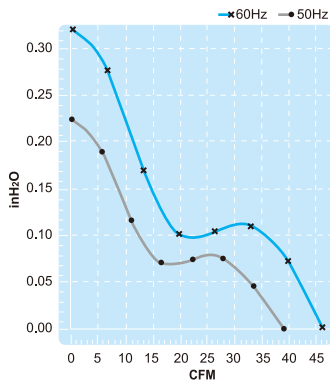
Terminal or Lead Wire Type



Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF92AM10-H	100	50	12	0.16	0.20	2700	1.25	44	6.0	0.24	37	0.43
		60	11	0.15	0.19	3200	1.45	51	7.5	0.30	42	
UF92AM11-H	115	50	12	0.13	0.19	2700	1.25	44	6.0	0.24	37	0.43
		60	11	0.11	0.17	3200	1.45	51	7.5	0.30	42	
UF92AM20-H	200	50	12	0.08	0.10	2700	1.25	44	6.0	0.24	37	0.43
		60	11	0.07	0.09	3200	1.45	51	7.5	0.30	42	
UF92AM23-H	230	50	12	0.06	0.09	2700	1.25	44	6.0	0.24	37	0.43
		60	11	0.05	0.08	3200	1.45	51	7.5	0.30	42	

# UF92A Series

Size : 92 x 92 x 38  
Unit : mm



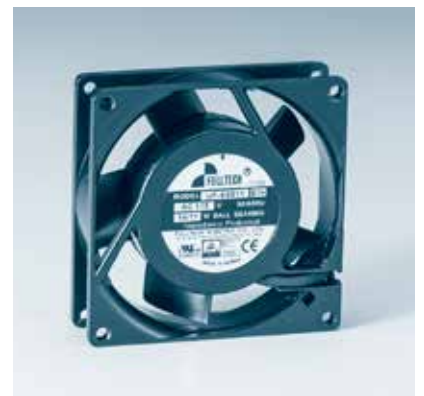
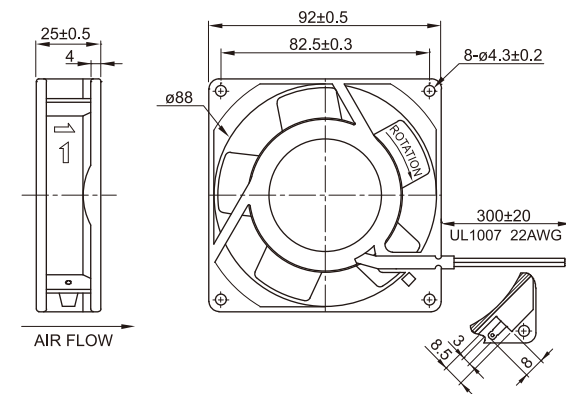
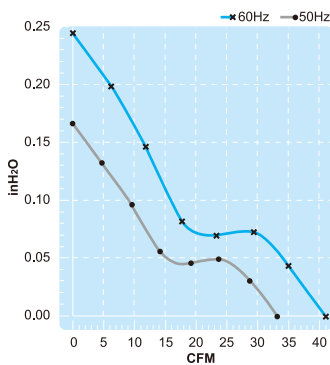
Terminal or Lead Wire Type

Impedance-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF92A11-H	115	50	15	0.22	0.29	2800	1.1	38	5.6	0.22	34	0.45
		60	12	0.16	0.25	3300	1.3	46	8.1	0.32	38	
UF92A23-H	230	50	16	0.12	0.15	2800	1.1	38	5.6	0.22	34	0.45
		60	12	0.09	0.13	3300	1.3	46	8.1	0.32	38	

# UF92B Series

Size : 92 x 92 x 25  
Unit : mm



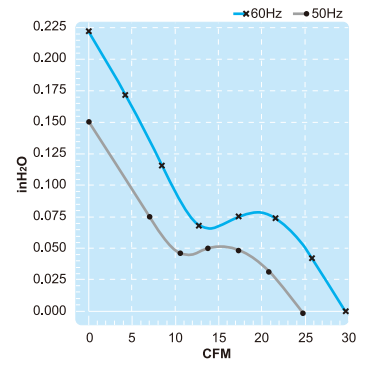
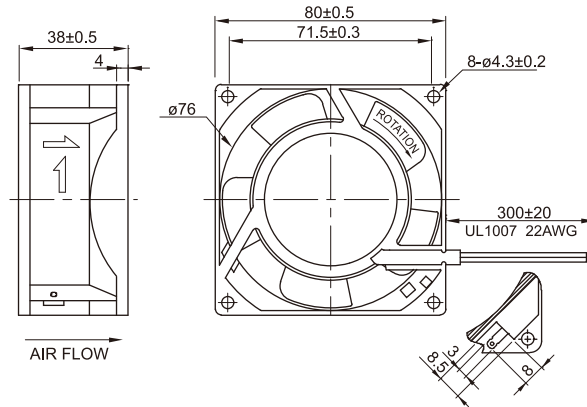
Terminal or Lead Wire Type

Impedance-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF92B10-H	100	50	16	0.19	0.20	2500	0.93	33	4.2	0.17	32	0.28
		60	14	0.18	0.19	3000	1.13	40	6.1	0.24	36	
UF92B11-H	115	50	14	0.15	0.16	2500	0.93	33	3.8	0.15	32	0.28
		60	11	0.12	0.13	3000	1.13	40	5.3	0.21	36	
UF92B20-H	200	50	16	0.08	0.09	2500	0.93	33	4.2	0.17	32	0.28
		60	14	0.07	0.08	3000	1.13	40	6.1	0.24	36	
UF92B23-H	230	50	16	0.08	0.09	2500	0.93	33	4.2	0.17	32	0.28
		60	14	0.07	0.08	3000	1.13	40	6.1	0.24	36	
UF92B11-L	115	50	14	0.14	0.15	1800	0.55	20	2.5	0.10	28	0.28
		60	11	0.11	0.12	2300	0.70	25	4.0	0.16	32	
UF92B23-L	230	50	16	0.07	0.08	1800	0.65	23	1.8	0.07	28	0.28
		60	14	0.06	0.07	2300	0.88	31	3.3	0.13	32	

# UF80A Series

Size : 80 x 80 x 38  
Unit : mm



Impedance-Protected

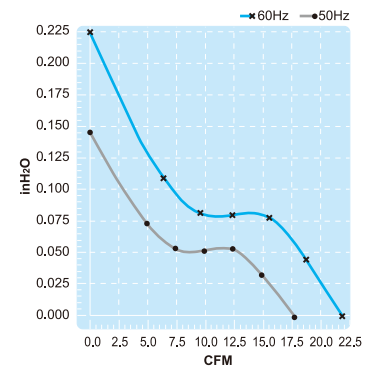
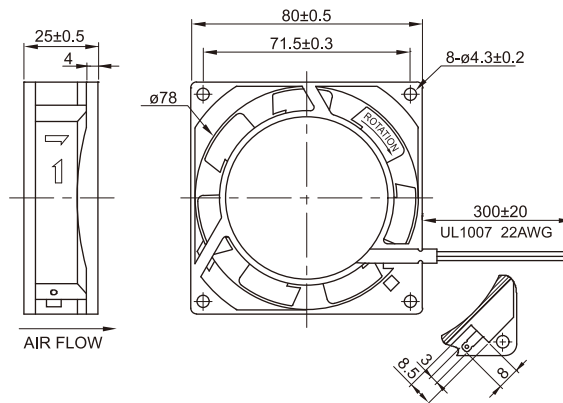
Terminal or Lead Wire Type



Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF80A10-H	100	50	14	0.14	0.15	2500	0.68	24	3.6	0.14	32	0.28
UF80A10-H	100	60	12	0.12	0.14	3000	0.83	30	5.3	0.21	36	0.28
UF80A11-H	115	50	12	0.14	0.15	2500	0.68	24	3.6	0.14	32	0.28
UF80A11-H	115	60	9	0.12	0.13	3000	0.83	30	5.3	0.21	36	0.28
UF80A20-H	200	50	14	0.07	0.08	2500	0.68	24	3.6	0.14	32	0.28
UF80A20-H	200	60	12	0.06	0.07	3000	0.83	30	5.3	0.21	36	0.28
UF80A23-H	230	50	14	0.07	0.08	2500	0.68	24	3.6	0.14	32	0.28
UF80A23-H	230	60	12	0.06	0.07	3000	0.83	30	5.3	0.21	36	0.28
UF80A11-L	115	50	12	0.12	0.13	1900	0.49	20	1.7	0.10	28	0.28
UF80A11-L	115	60	9	0.10	0.11	2400	0.62	25	3.0	0.16	32	0.28
UF80A23-L	230	50	14	0.08	0.08	1750	0.49	20	1.7	0.10	28	0.28
UF80A23-L	230	60	12	0.07	0.07	2350	0.62	25	3.0	0.16	32	0.28

# UF80B Series

Size : 80 x 80 x 25  
Unit : mm



Impedance-Protected

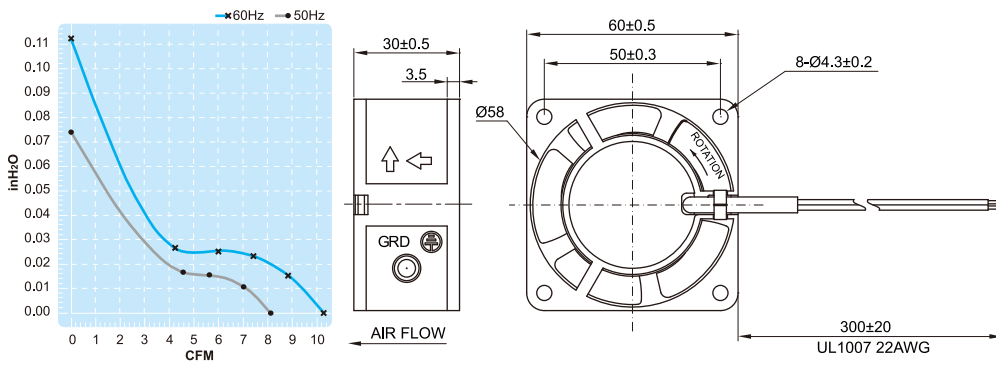
Terminal or Lead Wire Type



Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF80B10-H	100	50	16	0.19	0.20	2600	0.54	19	3.6	0.14	32	0.26
UF80B10-H	100	60	14	0.18	0.19	3100	0.67	23	5.5	0.22	35	0.26
UF80B11-H	115	50	14	0.15	0.16	2600	0.54	19	3.6	0.14	32	0.26
UF80B11-H	115	60	11	0.12	0.13	3100	0.67	23	5.5	0.22	35	0.26
UF80B20-H	200	50	16	0.08	0.09	2600	0.54	19	3.6	0.14	32	0.26
UF80B20-H	200	60	14	0.07	0.08	3100	0.67	23	5.5	0.22	35	0.26
UF80B23-H	230	50	16	0.08	0.09	2600	0.54	19	3.6	0.14	32	0.26
UF80B23-H	230	60	14	0.07	0.08	3100	0.67	23	5.5	0.22	35	0.26
UF80B11-L	115	50	14	0.14	0.15	1900	0.40	15	2.0	0.08	28	0.26
UF80B11-L	115	60	11	0.12	0.13	2400	0.50	18	3.5	0.14	31	0.26
UF80B23-L	230	50	16	0.07	0.08	1900	0.40	15	2.0	0.08	28	0.26
UF80B23-L	230	60	14	0.06	0.07	2400	0.50	18	3.5	0.14	31	0.26

# UF60D Series

Size : 60 x 60 x 30  
Unit : mm



Lead Wire Type Only

Impedance-Protected



Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF60D10-H	100	50	5	0.050	0.055	2400	0.23	8.10	1.8	0.07	27	0.14
		60	4	0.040	0.045	3000	0.29	10.24	2.8	0.11	28	
UF60D11-H	115	50	5	0.042	0.042	2400	0.23	8.10	1.8	0.07	27	0.14
		60	4	0.035	0.040	3000	0.29	10.24	2.8	0.11	28	
UF60D20-H	200	50	5	0.025	0.027	2400	0.23	8.10	1.8	0.07	27	0.14
		60	4	0.020	0.022	3000	0.29	10.24	2.8	0.11	28	
UF60D23-H	230	50	5	0.040	0.022	2400	0.23	8.10	1.8	0.07	27	0.14
		60	4	0.032	0.020	3000	0.29	10.24	2.8	0.11	28	

# CROSS FLOW FAN

## General Data:

- Frame : Steel with black painting
- Impeller : Plastic or Aluminum
- Bearing : Ball bearing or sleeve bearing
- Motor : Capacitor start-run or Shaded pole
- Protection : Impedance-Protected or Thermally-Protected
- Insulation Resistance : Above 100M $\Omega$ , DC500V.
- Dielectric Withstand Voltage : AC1,500V (50/60Hz) one minute
- Safety Approval : CE, TUV. (UF9029 has UL, CUL approval)



- Description of Model No.

UF	90	29	C	B	P	12	H	L
1	2	3	4	5	6	7	8	9

### 1. UF:

Fulltech

### 2. Diameter of Roller:

94: Ø94mm

90: Ø90mm

60: Ø60mm

### 3. Length of Roller:

17: 170mm

29: 290mm

30: 300mm

35: 350mm

36: 360mm

39: 390mm

46: 460mm

60: 600mm

### 4. Type of Motor:

C: Capacitor Induction

S: Shaded Pole

### 5. Bearing:

B: Ball

S: Sleeve

### 6. Material of Roller:

P: Plastic

A: Aluminum

### 7. Input Voltage:

12: 120V

23: 230V

### 8. Speed:

H: High

M: Medium

L : Low

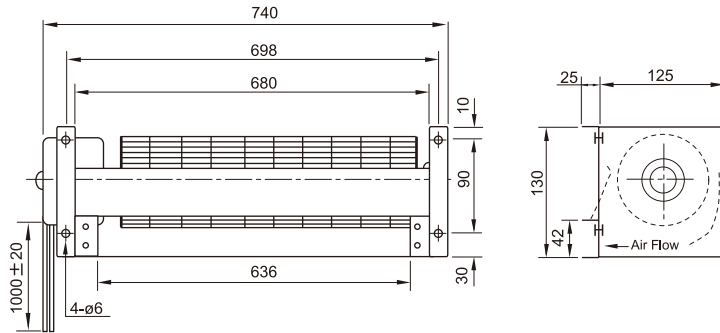
### 9. Position of Motor:

L: Left

R: Right

# UF9060 Series

Size : 740 x 150 x 130  
Unit : mm

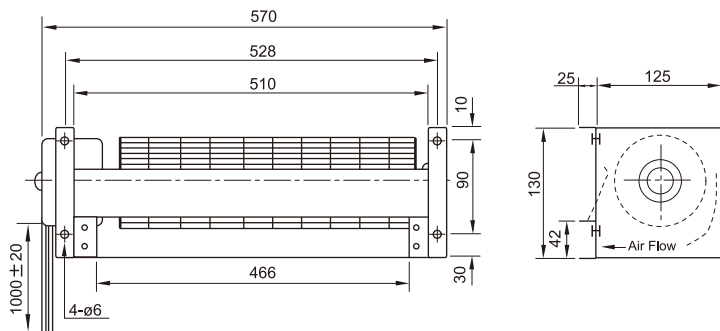


**Thermally-Protected**

Model	Spec.	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF9060CBP12HL		120	50	130	1.00	1.40	2150	15.5	550	9	0.35	55	6
			60	160	1.25	1.40	2100	15.0	530	11	0.43	54	
UF9060CBP23HL		230	50	130	0.55	0.75	2150	15.5	550	9	0.35	55	6
			60	160	0.70	0.75	2100	15.0	530	11	0.43	54	

# UF9446 Series

Size : 570 x 150 x 130  
Unit : mm

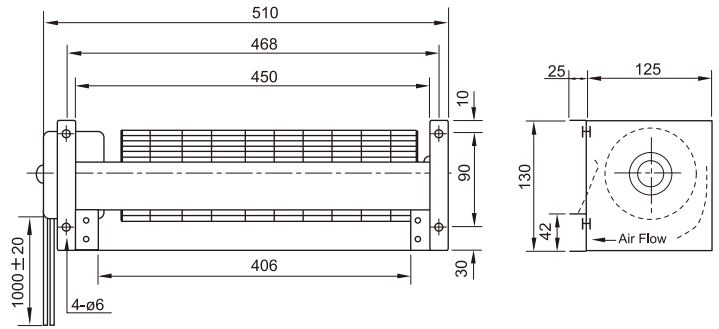


**Thermally-Protected**

Model	Spec.	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF9446CBP12HL		120	50	43	0.40	0.63	1350	8.5	300	3.5	0.14	48	3.6
			60	50	0.42	0.63	1550	10.0	354	5.0	0.20	53	
UF9446CBP23HL		230	50	43	0.20	0.31	1350	8.5	300	3.5	0.14	48	3.6
			60	50	0.23	0.31	1550	10.0	354	5.0	0.20	53	

# UF9439 Series

Size : 510x 150 x 130  
Unit : mm



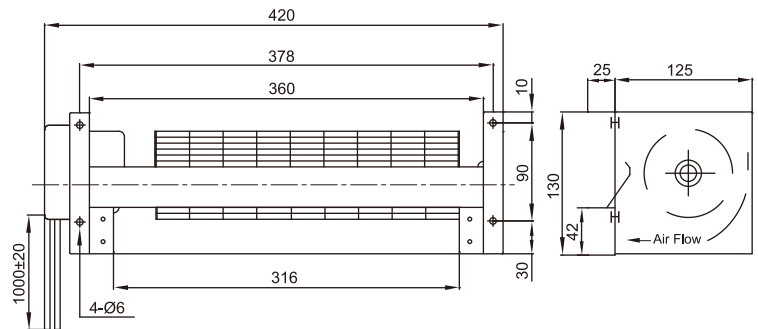
**Thermally-Protected**



Model	Spec.	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF9439CBP12HL		120	50	43	0.40	0.60	1400	7.5	265	3.5	0.14	48	3.5
			60	50	0.40	0.60	1600	9.0	318	4.5	0.18	53	
UF9439CBP23HL		230	50	43	0.20	0.31	1400	7.5	265	3.5	0.14	48	3.5
			60	50	0.22	0.31	1600	9.0	318	4.5	0.18	53	

# UF9029 Series

Size : 420 x 150 x 130  
Unit : mm



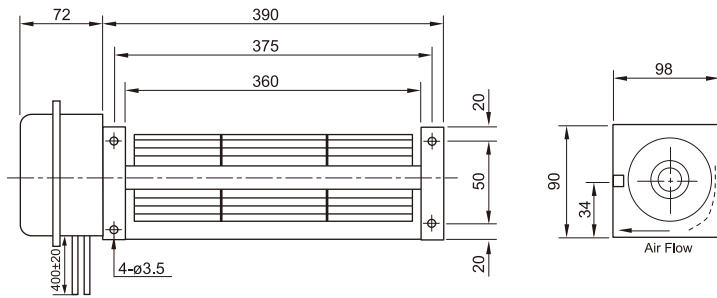
**Thermally-Protected**



Model	Spec.	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF9029CBP12HL		120	50	33	0.28	0.40	1350	4.5	159	2.2	0.09	43	3.0
			60	31	0.27	0.40	1560	5.0	177	3.3	0.13	46	
UF9029CBP23HL		230	50	33	0.14	0.20	1350	4.5	159	2.2	0.09	43	3.0
			60	31	0.13	0.19	1560	5.0	177	3.3	0.13	46	

# UF6036 Series

Size : 462 x 100 x 90  
Unit : mm

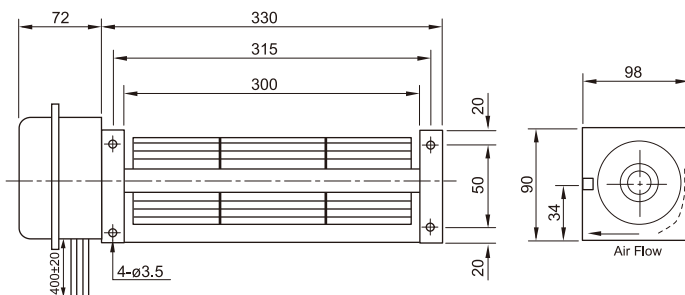


## Thermally-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF6036CBA12HL	120	50	35	0.33	0.46	2500	5.5	195	5.0	0.20	50	2.1
		60	37	0.33	0.46	2800	6.0	212	7.5	0.30	53	
UF6036CBA23HL	230	50	35	0.17	0.22	2500	5.5	195	5.0	0.20	50	2.1
		60	37	0.17	0.22	2800	6.0	212	7.5	0.30	53	

# UF6030 Series

Size : 402 x 100 x 90  
Unit : mm



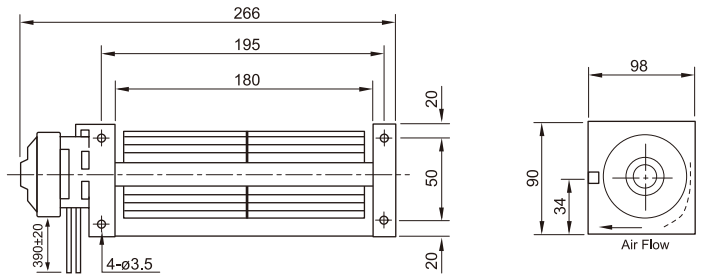
## Thermally-Protected

Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF6030CBA12HL	120	50	35	0.33	0.46	2600	5.0	177	5.0	0.20	50	2.0
		60	37	0.33	0.46	3000	5.5	195	7.5	0.30	53	
UF6030CBA23HL	230	50	35	0.17	0.22	2600	5.0	177	5.0	0.20	50	2.0
		60	37	0.17	0.22	3000	5.5	195	7.5	0.30	53	



# UF6017 Series

Size : 266 x 100 x 90  
Unit : mm



## Impedance-Protected



Model	Spec.	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UF6017SBA12HL		120	50	27	0.45	0.55	2400	2.5	90	3.5	0.19	51	1.6
			60	25	0.42	0.47	2500	2.7	95	3.7	0.25	52	
UF6017SBA23HL		230	50	27	0.22	0.26	2300	2.4	85	3.3	0.15	47	1.6
			60	25	0.20	0.22	2400	2.5	90	3.5	0.21	48	
UF6017SBA12ML		120	50	27	0.30	0.37	2350	2.5	88	3.5	0.19	38	1.6
			60	25	0.28	0.30	2000	2.0	72	2.8	0.24	38	

# EXTERNAL ROTOR FAN

## General Data:

- Frame/Housing : Aluminum die-casting
- Impeller : Plastic or steel
- Bearing System : Ball bearing
- Motor : Shaded pole or capacitor start-run or brushless DC Motor
- Protection : Impedance-Protected, Thermally-Protected or Electronically-Protected.
- Insulation Resistance : Above 100MΩ, DC500V. (EC FAN: Above 10MΩ, DC500V)
- Dielectric withstand voltage : AC 1,500V (50/60Hz) one minute
- Life Expectancy : Ball bearing: Over 40,000 hr. (at 40°C)
- Safety Approval : CUL, CE, TUV, ATEX, IP68 either UL or ETL.



IP68

- Description of Model No.

UF	220	A	P	A	11	H1	C	2	A
1	2	3	4	5	6	7	8	9	10

### 1. Model Series:

UF : Fulltech

### 2. Blade Diameter:

Option 1). T

T : EC Motor

Option 2). Blank

- 133 (72) : 133mm (72mm Thick)
- 133 (91) : 133mm (91mm Thick)
- 175 : 175mm
- 180 : 180mm
- 180 (55) : 180mm (55mm Thick)
- 190 : 190mm
- 220 : 220mm
- 225 (99) : 225mm (99mm Thick)
- 225 (85) : 225mm (85mm Thick)
- 225 (69) : 225mm (69mm Thick)
- 250 : 250mm
- 318 : 318mm
- 300 : 300mm
- 360 : 360mm
- 400 : 400mm
- 60B : ø 55 x 25mm
- 12A : ø 112 x 38mm
- 15P : ø 145 x 51mm
- 25G : ø 221 x 89mm
- 200 : ø 200mm

### 3. Sort of Fan:

A : Centrifugal Fan

B : Axial Fan

D : Blower Fan

### 4. Sort of Blade:

A : Aluminum

P : Plastic

M : Welded Steel

N : Pressed Steel

### 5. Air Check:

Centrifugal Fan

A : Backward Curve, Single Air Intake.

B : Forward Curve, Single Air Intake.

C : Forward Curve, Dual Air Intake.

Axial Fan

A : Air Discharge Out of Rotor Side

B : Air Discharge Opposite Rotor Side

Blower Fan

B : Forward Single Air Inlet

C : Forward Dual Air Inlet

### 6. Voltage:

11 : 115V

23 : 230V

38 : 380V

0A : 115V-230V

### 7. Speed

H1 : High

M1 : Medium

L1 : Low

### 8. Sort of Motor:

A : 3 Phases

S : Shaded Pole

C : Capacitor Run Motor

D : Single Phase EC Motor

### 9. Poles of Motor:

2 : 2P

4 : 4P

6 : 6P

8 : 8P

### 10. Special Requirement:

Axial Fan

A : Standard with Frame

E : Without Frame

B : With Low Guard / No Frame

C : With High Guard / No Frame

D : With Guard & Duct

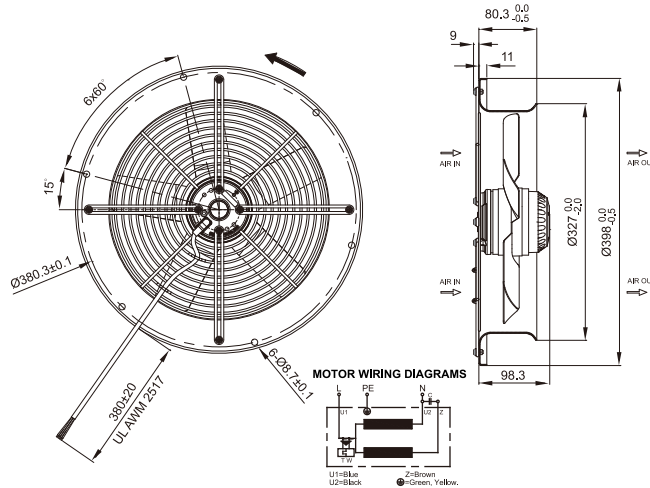
Centrifugal Fan

A : Standard

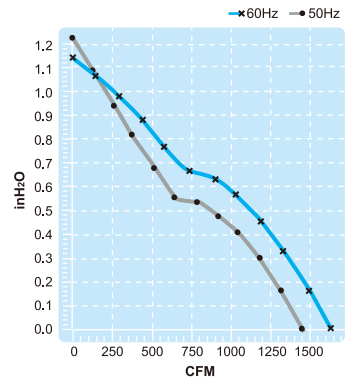
F : With Mounting Disk

# UF300BNA Series

Size :  $\varnothing 398 \times 98.3$   
Unit : mm



(Axial Fan)



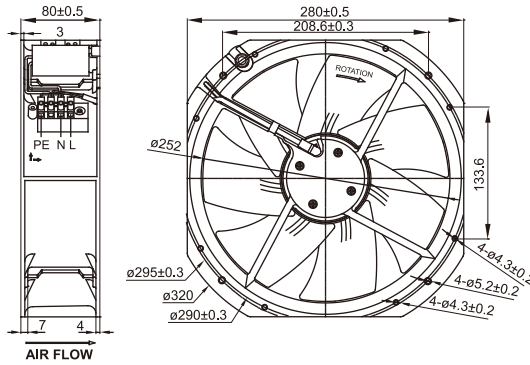
Thermally-Protected



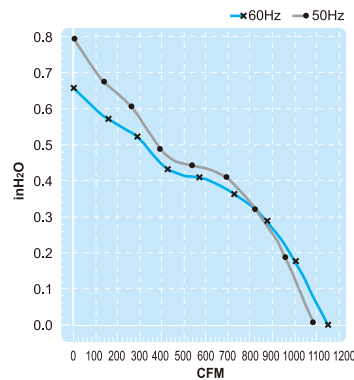
Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow $\text{m}^3/\text{min}$ .	Maximum Air Flow CFM	Maximum Pressure $\text{mmH}_2\text{O}$	Maximum Pressure $\text{InchH}_2\text{O}$	Capacitor $\mu\text{F}/\text{VDB}$	Noise dB	Weight kg
UF300BNA11H1C2A	115	50	150	1.6	3.15	2650	40.6	1435	31	1.2	20/250	75	4.5
		60	200	2.4	3.10	2950	45.7	1615	29	1.1		78	
UF300BNA23H1C2A	230	50	150	0.9	1.60	2650	40.6	1435	31	1.2	5/450	75	4.5
		60	200	1.2	1.56	2950	45.7	1615	29	1.1		78	

# UF250BMB Series

Size :  $280 \times 280 \times 80$   
Unit : mm



(Axial Fan)



Thermally-Protected

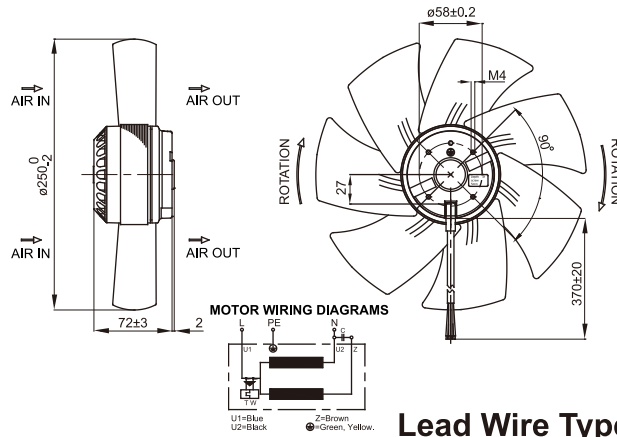
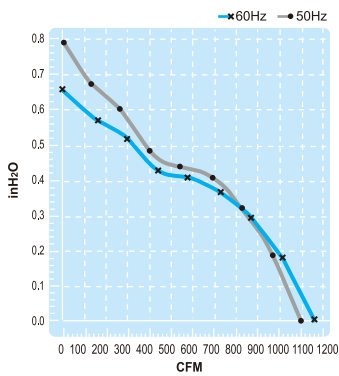


Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow $\text{m}^3/\text{min}$ .	Maximum Air Flow CFM	Maximum Pressure $\text{mmH}_2\text{O}$	Maximum Pressure $\text{InchH}_2\text{O}$	Capacitor $\mu\text{F}/\text{VDB}$	Noise dB	Weight kg
UF250BMB11H1C2A	115	50	112	1.00	1.90	2550	31	1090	20.0	0.78	12/250	68	2.8
		60	148	1.50	1.90	2700	32	1130	16.5	0.65		70	
UF250BMB23H1C2A	230	50	119	0.59	0.91	2550	31	1090	20.0	0.78	4/450	68	2.8
		60	158	0.82	0.91	2700	32	1130	16.5	0.65		70	

# UF250BMB-E Series

Size :  $\phi 250 \times 72$   
Unit : mm

## (Axial Fan)



Lead Wire Type

Thermally-Protected

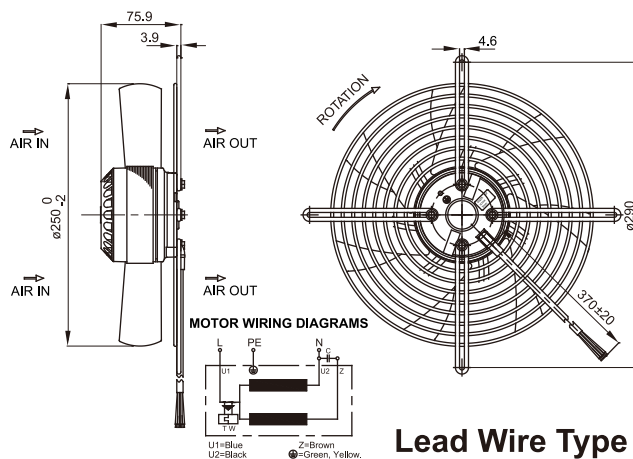
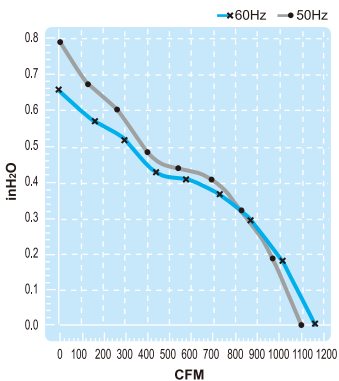


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	$\mu$ F/VDB	dB	kg
UF250BMB11H1C2E	115	50	112	1.00	1.90	2550	31	1090	20.0	0.78	12/250	68	1.8
		60	148	1.50	1.90	2700	32	1130	16.5	0.65		70	
UF250BMB23H1C2E	230	50	119	0.59	0.91	2550	31	1090	20.0	0.78	4/450	68	1.8
		60	158	0.82	0.91	2700	32	1130	16.5	0.65		70	

# UF250BMB-B Series

Size :  $\phi 290 \times 75.9$   
Unit : mm

## (Axial Fan)



Lead Wire Type

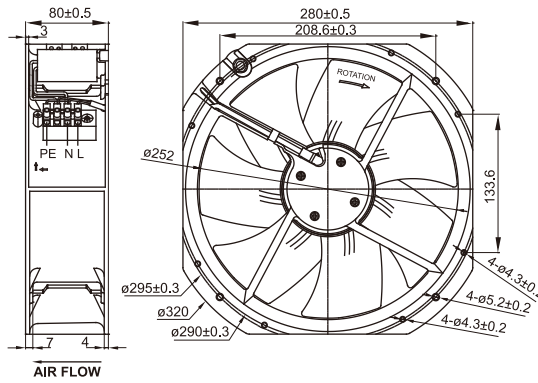
Thermally-Protected



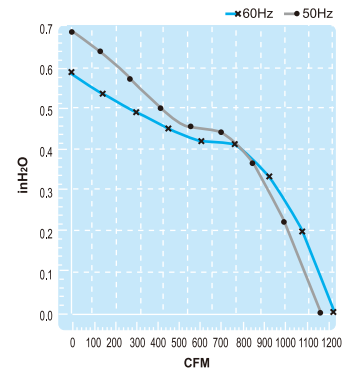
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	$\mu$ F/VDB	dB	kg
UF250BMB11H1C2B	115	50	112	1.00	1.90	2550	31	1090	20.0	0.78	12/250	68	1.8
		60	148	1.50	1.90	2700	32	1130	16.5	0.65		70	
UF250BMB23H1C2B	230	50	119	0.59	0.91	2550	31	1090	20.0	0.78	4/450	68	1.8
		60	158	0.82	0.91	2700	32	1130	16.5	0.65		70	

# UF250BMA Series

Size : 280 x 280 x 80  
Unit : mm



(Axial Fan)



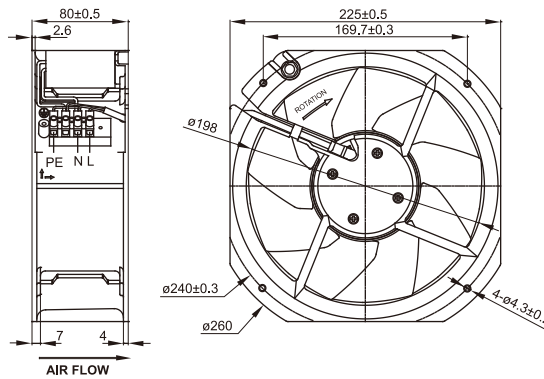
**Thermally-Protected**



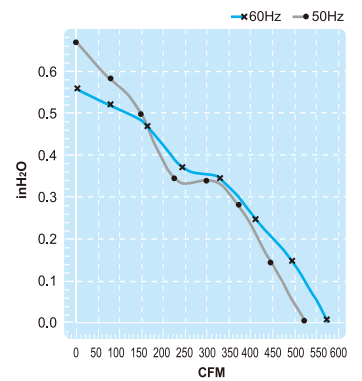
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF250BMA11H1C2A	115	50	120	1.50	1.90	2400	29.8	1050	17.8	0.70	12/250	70	2.8
		60	157	1.20	1.90	2600	31.2	1100	15.0	0.59		71	
UF250BMA23H1C2A	230	50	119	0.52	0.83	2400	29.8	1050	17.8	0.70	4/450	70	2.8
		60	158	0.71	0.87	2600	31.2	1100	15.0	0.59		71	

# UF200BMB Series

Size : 225 x 225 x 80  
Unit : mm



(Axial Fan)



**Thermally-Protected**

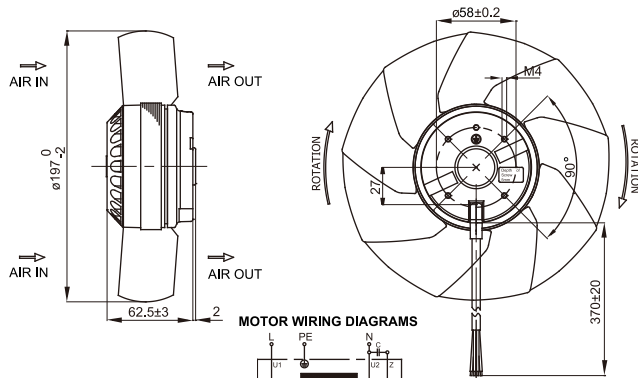
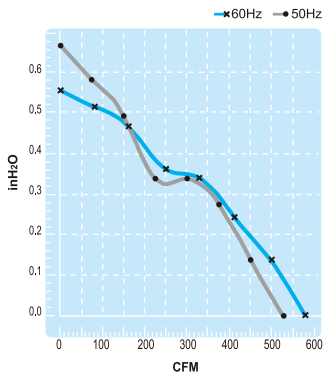


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF200BMB11H1C2A	115	50	65	0.58	0.99	2550	15	530	17	0.67	5/250	59	2.1
		60	72	0.70	0.99	2800	17	600	14	0.55		61	
UF200BMB23H1C2A	230	50	74	0.29	0.50	2550	15	530	17	0.67	1.5/450	59	2.1
		60	80	0.35	0.50	2800	17	600	14	0.55		61	

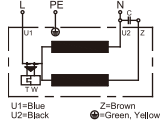
# UF200BMB-E Series

Size :  $\phi 197 \times 62.5$   
Unit : mm

(Axial Fan)



MOTOR WIRING DIAGRAMS



Lead Wire Type



Thermally-Protected

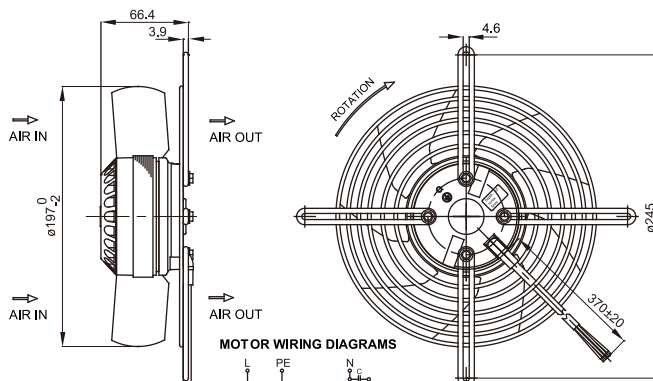
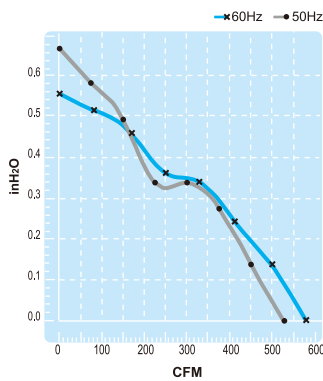


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF200BMB11H1C2E	115	50	65	0.58	0.99	2550	15	530	17	0.67	5/250	59	1.4
		60	72	0.70	0.99	2800	17	600	14	0.55		61	
UF200BMB23H1C2E	230	50	74	0.29	0.50	2550	15	530	17	0.67	1.5/450	59	1.4
		60	80	0.35	0.50	2800	17	600	14	0.55		61	

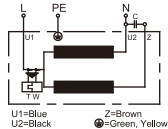
# UF200BMB-B Series

Size :  $\phi 245 \times 66.4$   
Unit : mm

(Axial Fan)



MOTOR WIRING DIAGRAMS



Lead Wire Type



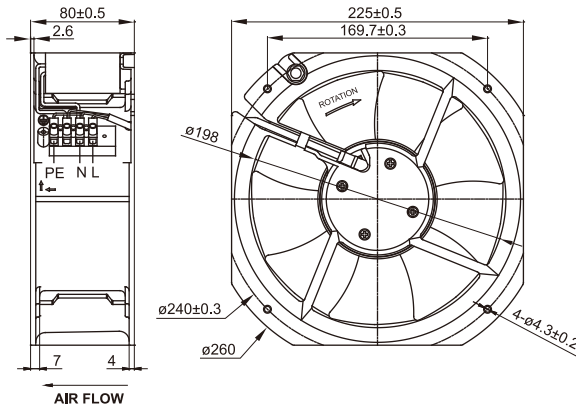
Thermally-Protected



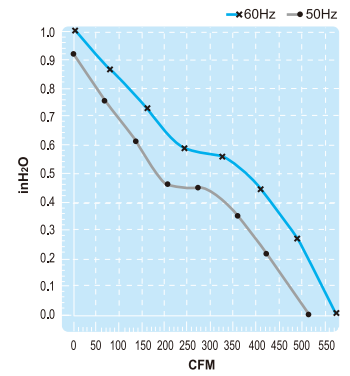
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF200BMB11H1C2B	115	50	65	0.58	0.99	2550	15	530	17	0.67	5/250	59	1.4
		60	72	0.70	0.99	2800	17	600	14	0.55		61	
UF200BMB23H1C2B	230	50	74	0.29	0.50	2550	15	530	17	0.67	1.5/450	59	1.4
		60	80	0.35	0.50	2800	17	600	14	0.55		61	

# UF200BMA Series

Size : 225 x 225 x 80  
Unit : mm



(Axial Fan)



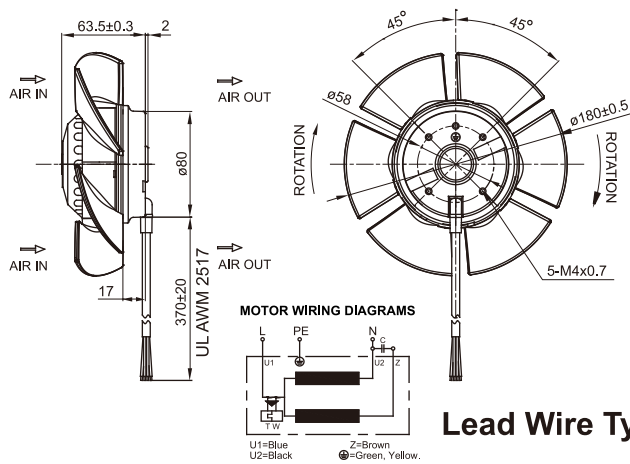
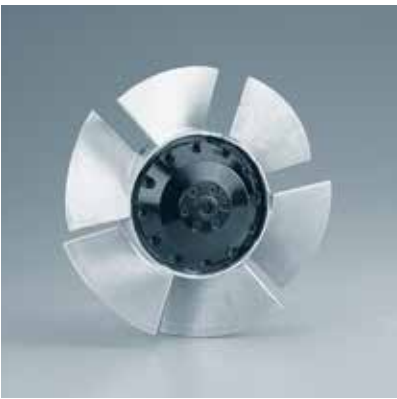
Thermally-Protected



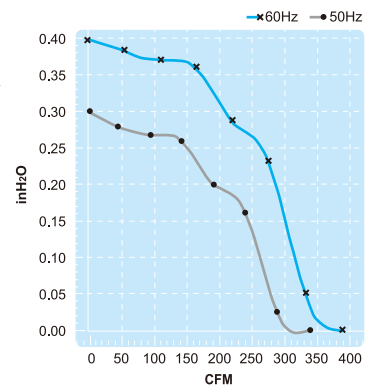
Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Capacitor μF/VDB	Noise dB	Weight kg
UF200BMA11H2C2A	115	50	73	0.75	1.30	2700	14.7	520	23.3	0.92	8/250	65	2.4
		60	75	0.66	1.40	3100	16.5	580	25.4	1.00		68	
UF200BMA23H2C2A	230	50	72	0.38	0.62	2700	14.7	520	23.3	0.92	2/450	65	2.4
		60	77	0.34	0.63	3100	16.5	580	25.4	1.00		68	

# UF180BAB Series

Size : ø180 x 63.5  
Unit : mm



(Axial Fan)



Thermally-Protected

Lead Wire Type



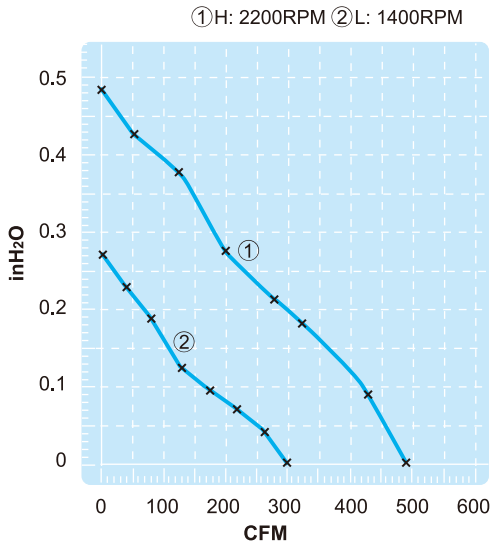
Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Capacitor μF/VDB	Noise dB	Weight kg
UF180BAB11H1C2A	115	50	76	0.70	1.23	2750	9.50	335	7.50	0.3	10/250	62	1.2
		60	75	0.71	1.23	3100	11.0	388	10.0	0.4		65	
UF180BAB23H1C2A	230	50	76	0.35	0.54	2750	9.50	335	7.50	0.3	2/450	62	1.2
		60	75	0.40	0.54	3100	11.0	388	10.0	0.4		65	

# EC FAN

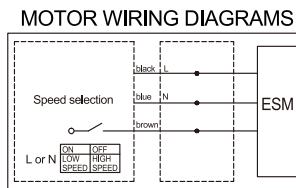
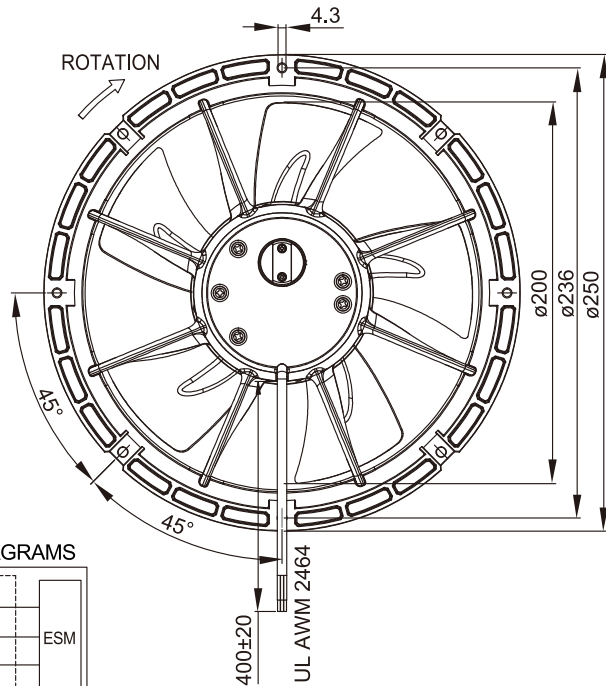
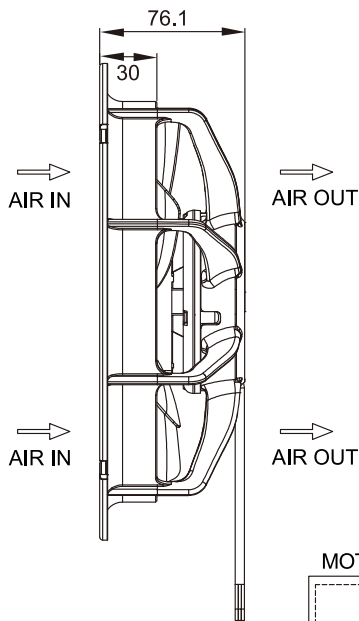
# UFT200BMB Series

(AxialFan)

Size :  $\phi 250 \times 76.1$   
Unit : mm



Electronically-Protected



### Lead Wire Type

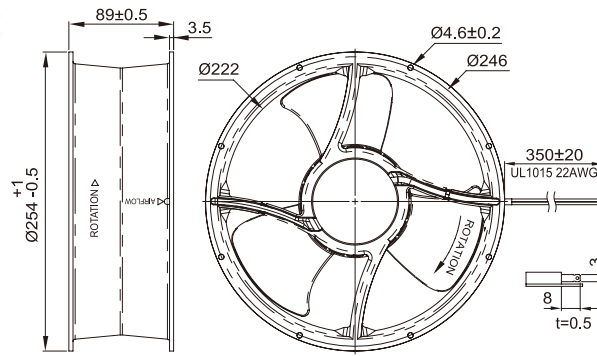
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UFT200BMB11H1D4A	115	50/60	26.0	0.40	0.10	2200	13.0	460	11.7	0.46	55	1
		50/60	8.1	0.13	0.10	1400	8.2	290	7.1	0.28	44	
UFT200BMB23H1D4A	230	50/60	27.0	0.24	0.10	2200	13.0	460	11.7	0.46	55	1
		50/60	8.5	0.08	0.10	1400	8.2	290	7.1	0.28	44	



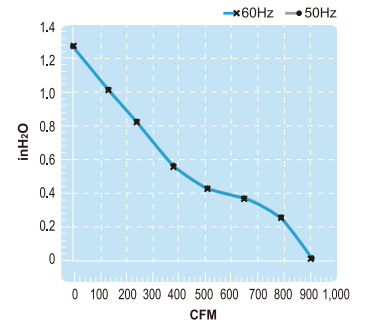
# UFT25GBP Series

## EC FAN

Size :  $\varnothing 254 \times 89$   
Unit : mm



(Axial Fan)



Electronically-Protected

Lead Wire Type

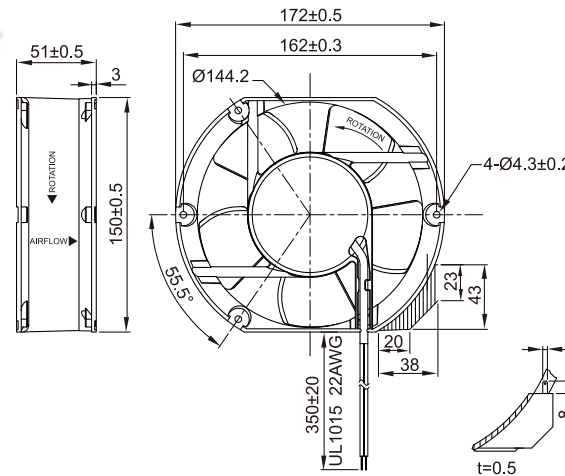


Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UFT25GBP23M1D8A	230	50/60	88	0.80	0.293	3000	25.7	910	32	1.26	73	2.09

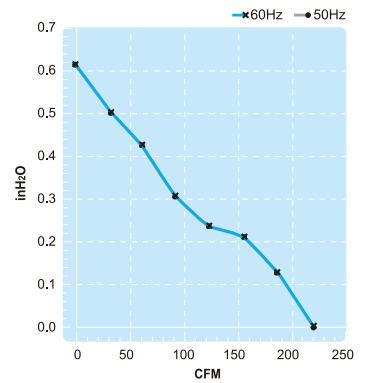
# UFT15PBPB Series

## EC FAN

Size : 172 x 150 x 51  
Unit : mm



(Axial Fan)



Electronically-Protected

Terminal or Lead Wire Type



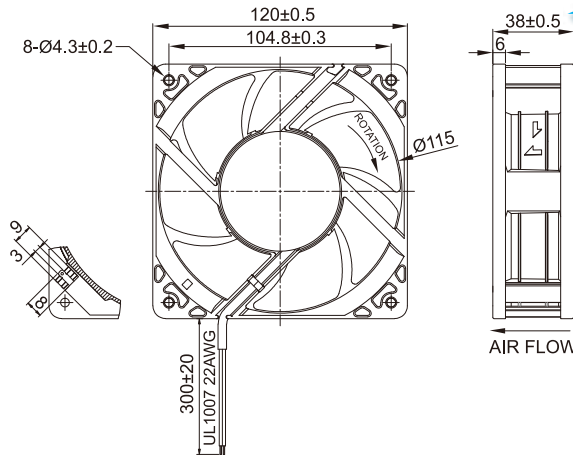
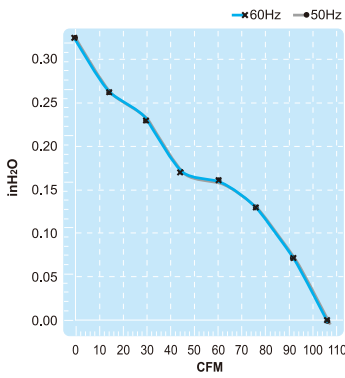
Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	Weight kg
UFT15PBPB11M1D4A	115	50/60	15	0.23	0.25	3000	6.2	220	15.7	0.62	57	0.7
UFT15PBPB23M1D4A	230	50/60	15	0.13	0.47	3000	6.2	220	15.7	0.62	57	0.7

# EC FAN

# UFT12ABPB Series

Size : 120 x 120 x 38  
Unit : mm

(Axial Fan)



Electronically-Protected



Terminal or Lead Wire Type

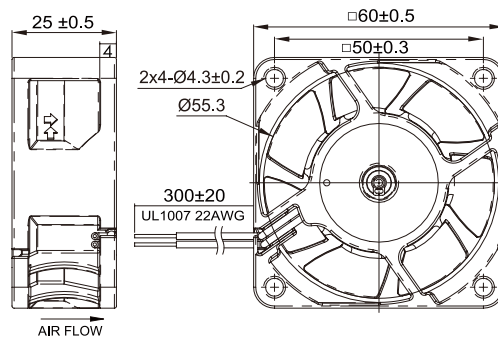
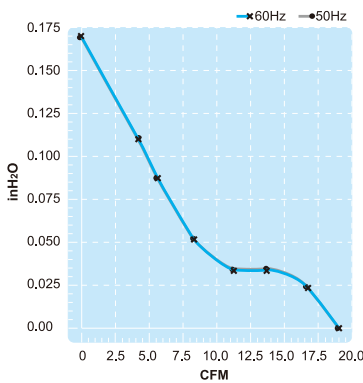
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UFT12ABPB0AM1D4A	115~230	50/60	4.9 (115V)	0.08 (115V)	0.09 (115V)	3200	3.0	106	8.6	0.34	31	0.29
			5.2 (230V)	0.06 (230V)	0.06 (230V)							

# EC FAN

# UFT60BBPB Series

Size : 60 x 60 x 25  
Unit : mm

(Axial Fan)



Electronically-Protected



Lead Wire Type

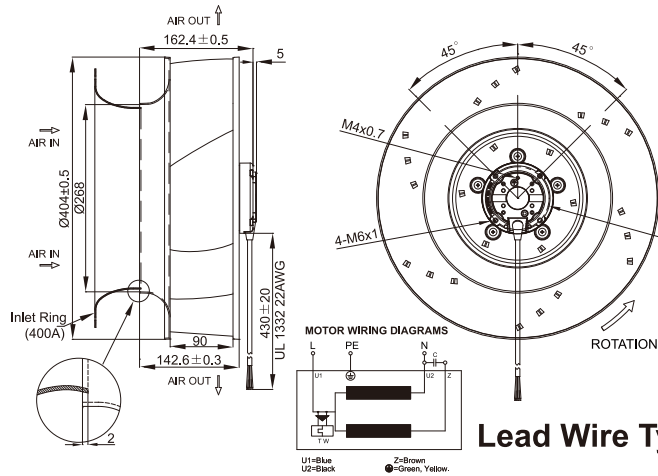
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UFT60BBPB0AM1D4A	115~230	50/60	2.0 (115V)	0.039 (115V)	0.092 (115V)	3850 (115V)	0.54 (115V)	19.1 (115V)	4.3 (115V)	0.17 (115V)	31	0.06
			2.3 (230V)	0.025 (230V)	0.044 (230V)	3950 (230V)	0.55 (230V)	19.4 (230V)	4.6 (230V)	0.18 (230V)		

# UF400AAA Series

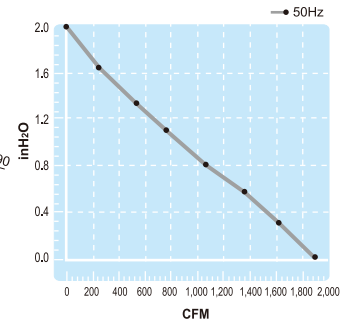
Size :  $\varnothing 400 \times 162.4$   
Unit : mm



**Thermally-Protected**



(Centrifugal Fan)



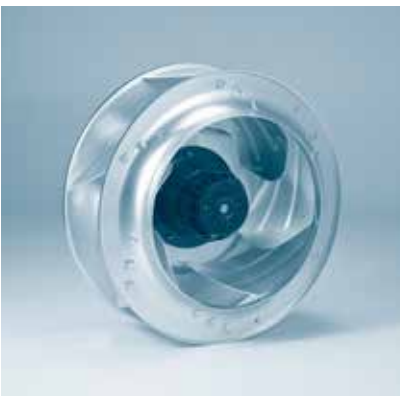
**Lead Wire Type**



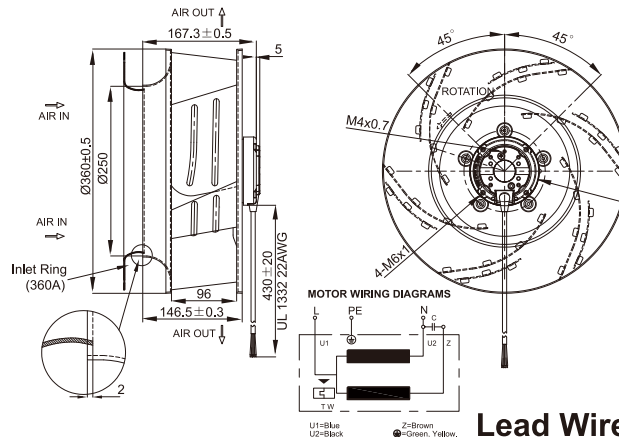
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	$\mu$ F/VDB	dB	kg
UF400AAA23H1C4A	230	50	287	1.26	1.70	1250	53.8	1900	49.7	1.96	8/450	73	5.45

# UF360AAA Series

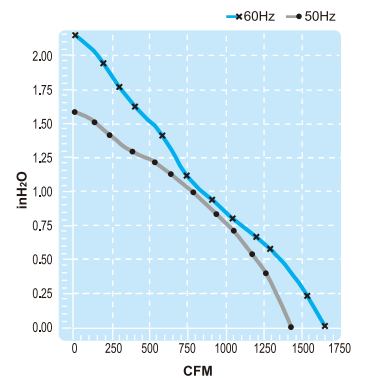
Size :  $\varnothing 360 \times 167.3$   
Unit : mm



**Thermally-Protected**



(Centrifugal Fan)



**Lead Wire Type**

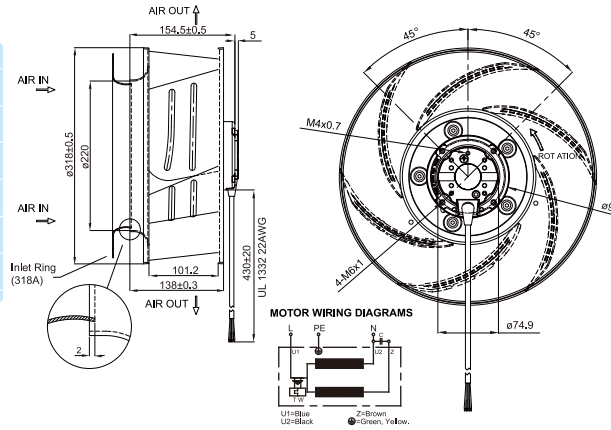
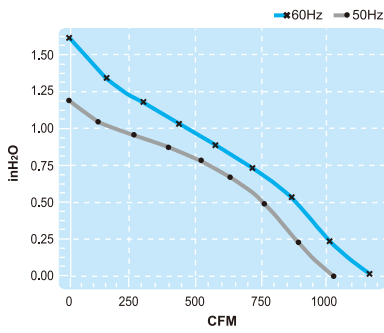


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	$\mu$ F/VDB	dB	kg
UF360AAA11H1C4A	115	50	190	1.70	4.24	1400	40.5	1430	40	1.6	24/250	66	5.1
		60	270	2.30	4.00	1600	46.5	1645	55	2.2		70	
UF360AAA23H1C4A	230	50	190	0.90	2.12	1400	40.5	1430	40	1.6	6/450	66	5.1
		60	265	1.20	2.00	1600	46.5	1645	55	2.2		70	

# UF318AAA Series

Size :  $\varnothing 318 \times 154.5$   
Unit : mm

## (Centrifugal Fan)



### Lead Wire Type

### Thermally-Protected

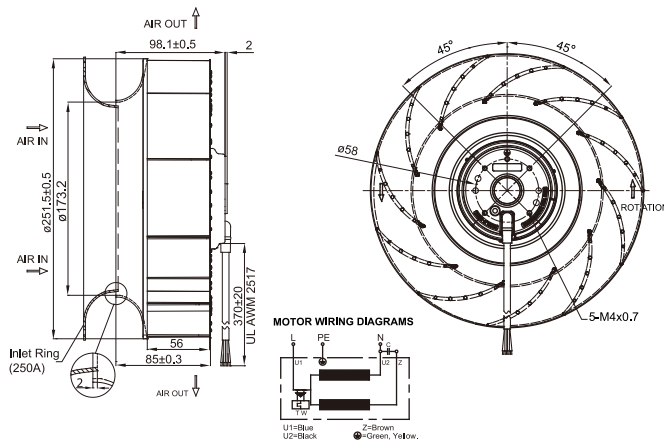
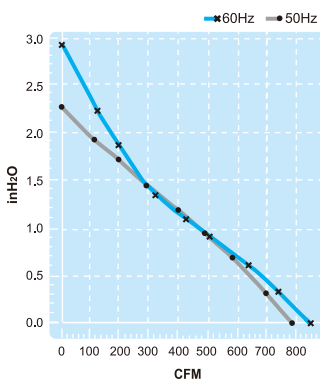


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF318AAA11H1C4A	115	50	115	1.10	2.60	1390	28.7	1015	30.5	1.2	16/250	63	3.9
		60	155	1.40	2.40	1580	33.0	1165	40.6	1.6		66	
UF318AAA23H1C4A	230	50	115	0.60	1.43	1390	28.7	1015	30.5	1.2	4/450	63	3.9
		60	155	0.68	1.31	1580	33.0	1165	40.6	1.6		66	

# UF250APA Series

Size :  $\varnothing 251.5 \times 98.1$   
Unit : mm

## (Centrifugal Fan)



### Lead Wire Type

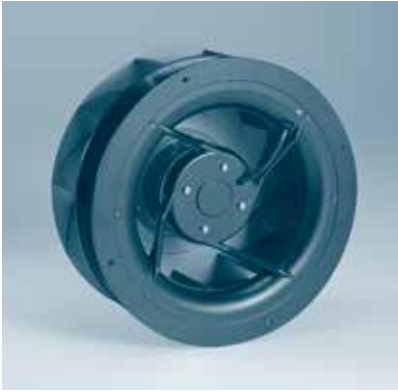
### Thermally-Protected



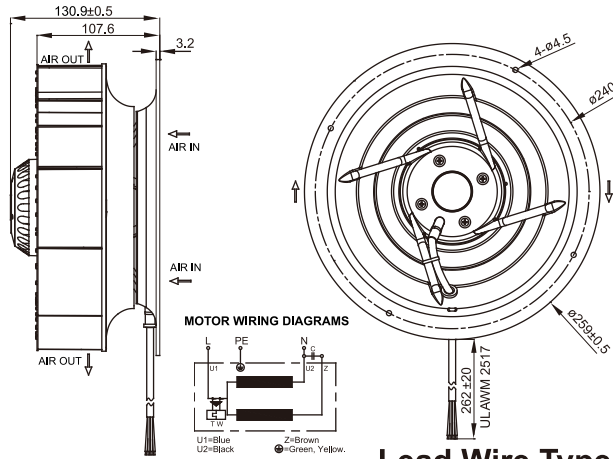
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF250APA11H1C2A	115	50	170	1.50	3.10	2600	22	770	56	2.2	20/250	75	3.1
		60	240	2.10	3.00	2700	24	850	74	2.9		76	
UF250APA23H1C2A	230	50	170	0.77	1.57	2600	22	770	56	2.2	5/450	75	3.1
		60	240	1.00	1.52	2700	24	850	74	2.9		76	

# UF250APA-F Series

Size :  $\varnothing 259 \times 130.9$   
Unit : mm

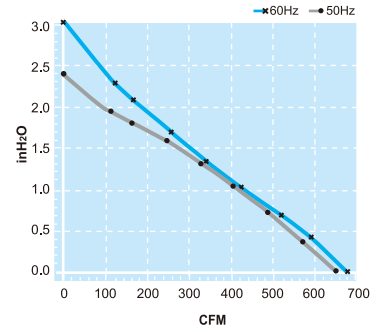


Thermally-Protected



Lead Wire Type

(Centrifugal Fan)



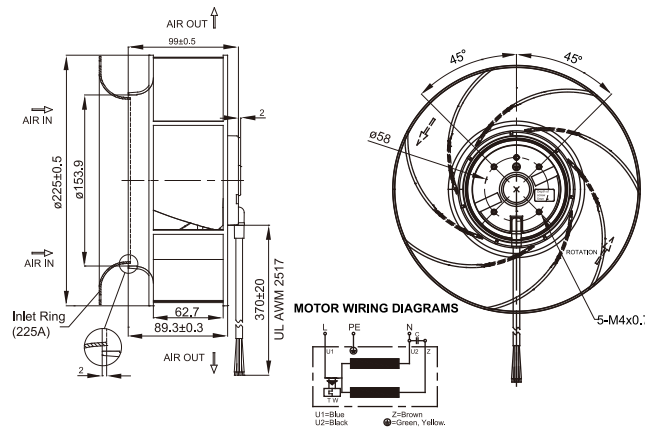
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF250APA11H1C2F	115	50	170	1.50	3.10	2600	18.5	653	61	2.4	20/250	71	3.3
		60	240	2.10	3.00	2700	19.3	681	78	3.1		72	
UF250APA23H1C2F	230	50	170	0.77	1.57	2600	18.5	653	56	2.4	5/450	71	3.3
		60	240	1.00	1.52	2700	19.3	681	78	3.1		72	

# UF225(99)APA Series

Size :  $\varnothing 225 \times 99$   
Unit : mm

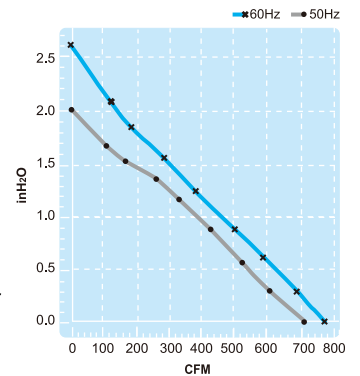


Thermally-Protected



Lead Wire Type

(Centrifugal Fan)

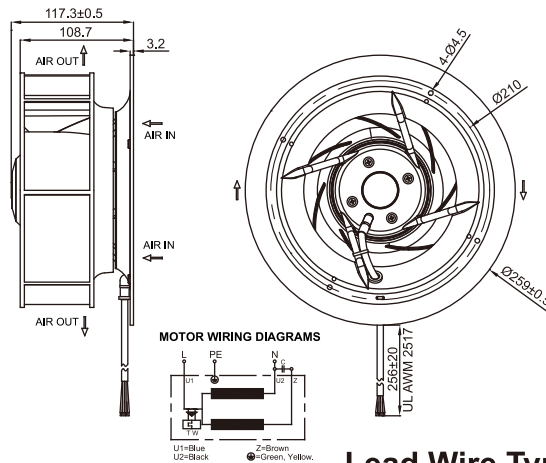
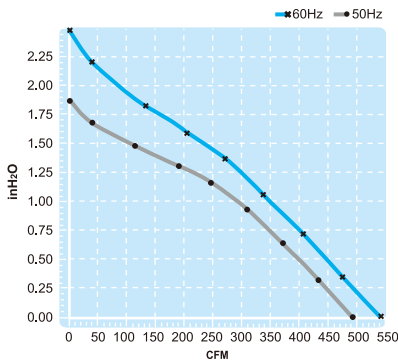


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF225(99)APA 11H1C2A	115	50	128	1.16	2.22	2650	20	700	51	2.0	16/250	69	2.3
		60	160	1.41	2.30	2950	22	770	66	2.6		71	
UF225(99)APA 23H1C2A	230	50	126	0.57	1.14	2650	20	700	51	2.0	4/450	69	2.3
		60	157	0.70	1.15	2950	22	770	66	2.6		71	

# UF225(99)APA-F Series

Size :  $\varnothing 259 \times 117.3$   
Unit : mm

## (Centrifugal Fan)



Thermally-Protected

Lead Wire Type

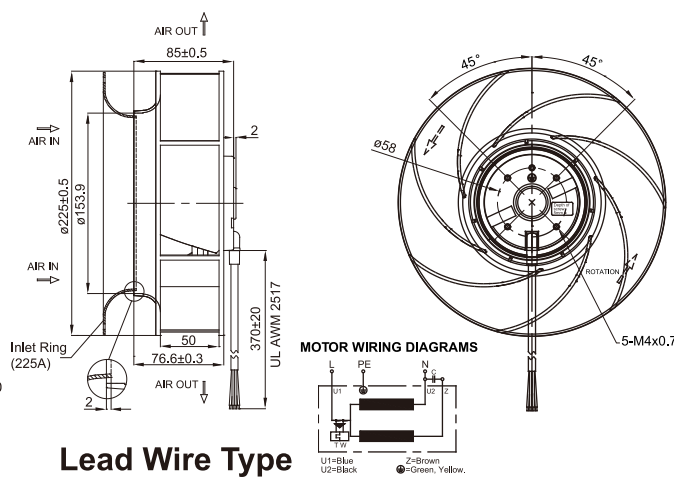
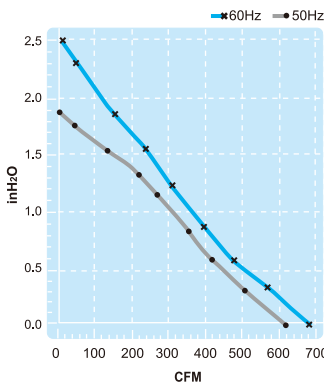


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF225(99)APA 11H1C2F	115	50	128	1.16	2.22	2650	14.0	495	48	1.9	16/250	69	2.6
		60	160	1.41	2.30	2950	15.5	547	63	2.5		71	
UF225(99)APA 23H1C2F	230	50	126	0.57	1.14	2650	14.0	495	48	1.9	4/450	69	2.6
		60	157	0.70	1.15	2950	15.5	547	63	2.5		71	

# UF225(85)APA Series

Size :  $\varnothing 225 \times 85$   
Unit : mm

## (Centrifugal Fan)



Thermally-Protected

Lead Wire Type



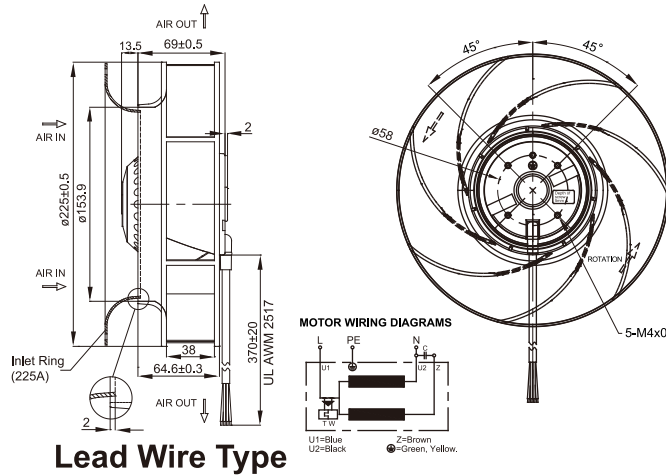
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF225(85)APA 11H1C2A	115	50	115	1.15	2.22	2700	17.5	618	46	1.8	12/250	71	2.3
		60	135	1.20	2.30	3000	19.2	680	64	2.5		75	
UF225(85)APA 23H1C2A	230	50	115	0.57	1.14	2700	17.5	618	46	1.8	3/450	71	2.3
		60	135	0.60	1.15	3000	19.2	680	64	2.5		75	

# UF225(69)APA Series

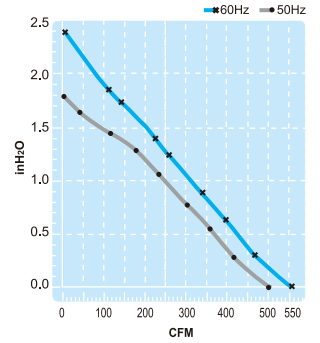
Size :  $\varnothing 225 \times 69$   
Unit : mm



Thermally-Protected



(Centrifugal Fan)



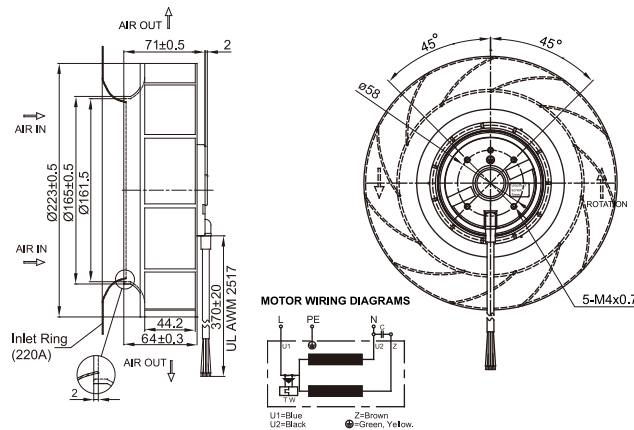
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF225(69)APA 11H1C2A	115	50	105	1.11	2.22	2650	14.2	500	46	1.8	12/250	70	2.3
		60	125	1.12	2.30	2950	15.6	550	58	2.3		72	
UF225(69)APA 23H1C2A	230	50	105	0.54	1.14	2650	14.2	500	46	1.8	3/450	70	2.3
		60	125	0.56	1.15	2950	15.6	550	58	2.3		72	

# UF220APA Series

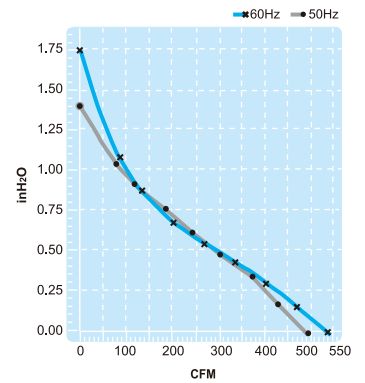
Size :  $\varnothing 223 \times 71$   
Unit : mm



Thermally-Protected



(Centrifugal Fan)

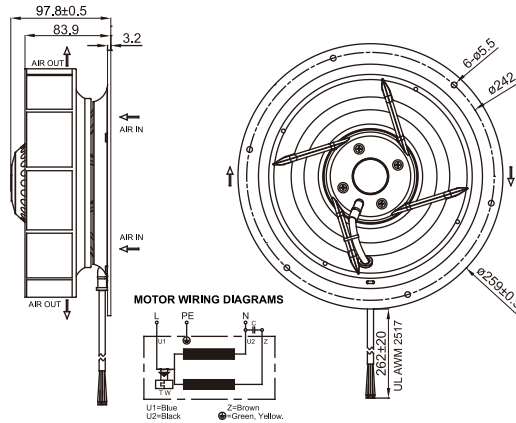
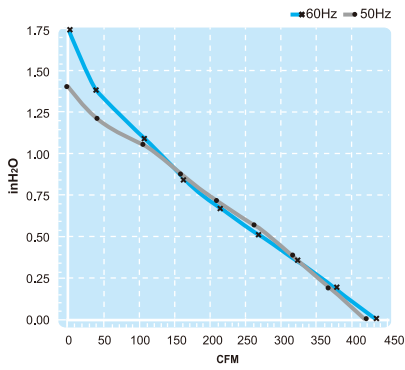


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF220APA11H2C2A	115	50	90	0.63	0.88	2500	14	500	35	1.4	10/250	65	1.5
		60	117	0.80	0.93	2650	15	530	38	1.7		70	
UF220APA23H2C2A	230	50	90	0.35	0.47	2500	14	500	35	1.4	2/450	65	1.5
		60	117	0.39	0.49	2650	15	530	38	1.7		70	

# UF220APA-F Series

Size :  $\phi 259 \times 97.8$   
Unit : mm

## (Centrifugal Fan)



Lead Wire Type

Thermally-Protected

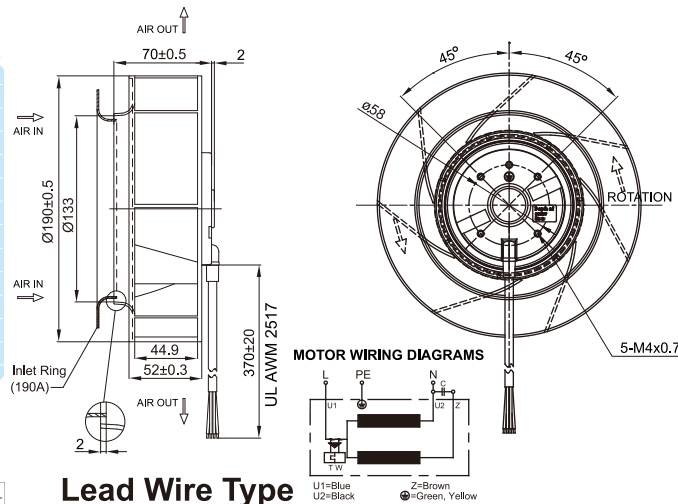
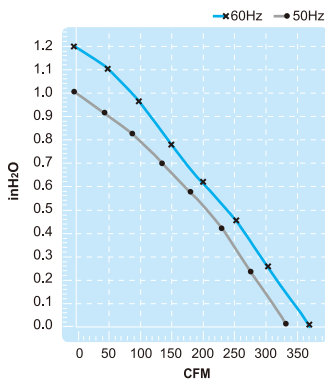


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF220APA11H2C2F	115	50	90	0.63	0.88	2500	12.0	424	36	1.4	10/250	64	1.9
		60	117	0.80	0.93	2650	12.3	434	45	1.8		65	
UF220APA23H2C2F	230	50	90	0.35	0.47	2500	12.0	424	36	1.4	2/450	64	1.9
		60	117	0.39	0.49	2650	12.3	434	45	1.8		65	

# UF190APA Series

Size :  $\phi 190 \times 70$   
Unit : mm

## (Centrifugal Fan)



Lead Wire Type

Thermally-Protected



Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF190APA11H1C2A	115	50	55	0.45	0.92	2500	9.5	335	25	1.0	6/250	60	1.2
		60	65	0.54	0.91	2700	10.4	370	30	1.2		63	
UF190APA23H1C2A	230	50	57	0.23	0.43	2500	9.5	335	25	1.0	2/450	60	1.2
		60	72	0.30	0.45	2700	10.4	370	30	1.2		63	

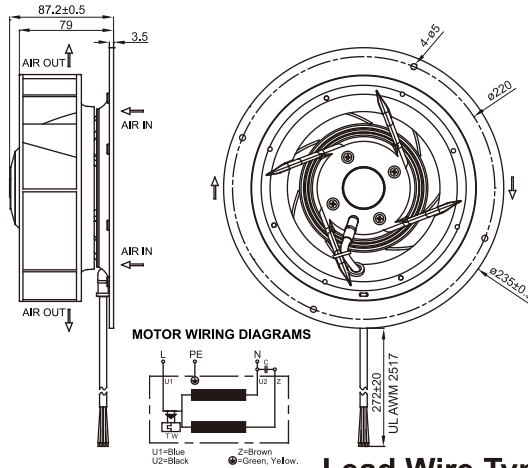


# UF190APA-F Series

Size :  $\varnothing 235 \times 87.2$   
Unit : mm

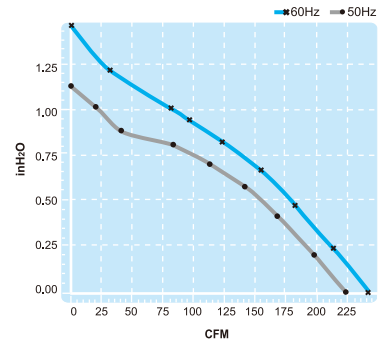


**Thermally-Protected**



**Lead Wire Type**

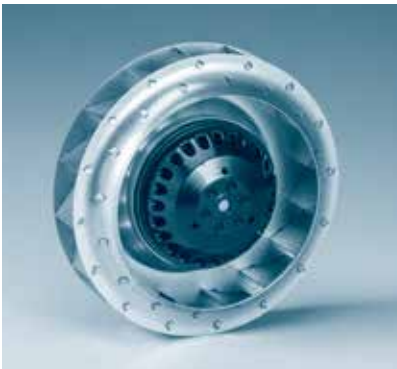
**(Centrifugal Fan)**



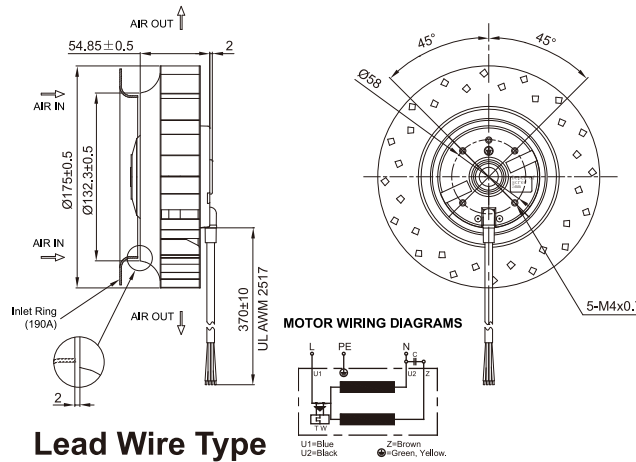
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF190APA11H1C2F	115	50	55	0.45	0.92	2500	6.5	230	29	1.1	6/250	60	1.5
		60	65	0.54	0.91	2700	7.0	247	38	1.5		63	
UF190APA23H1C2F	230	50	57	0.23	0.43	2500	6.5	230	29	1.1	2/450	60	1.5
		60	72	0.30	0.45	2700	7.0	247	38	1.5		63	

# UF175AMA Series

Size :  $\varnothing 175 \times 54.85$   
Unit : mm

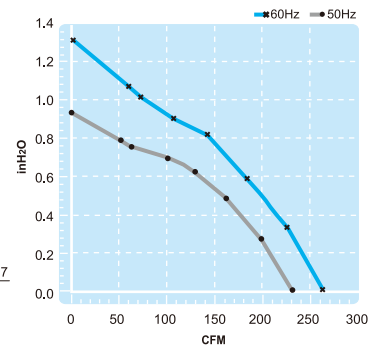


**Thermally-Protected**



**Lead Wire Type**

**(Centrifugal Fan)**

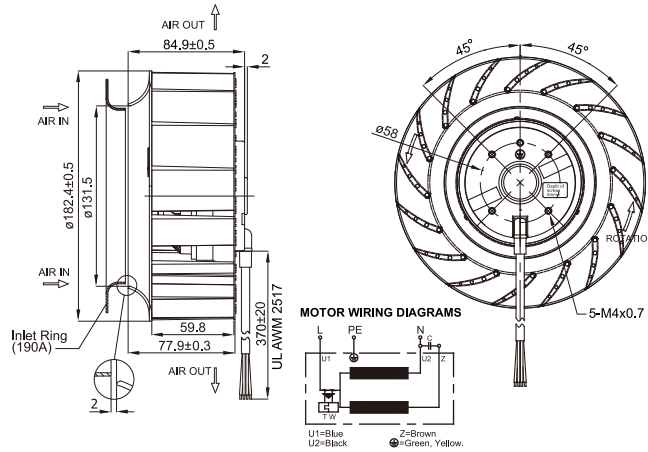
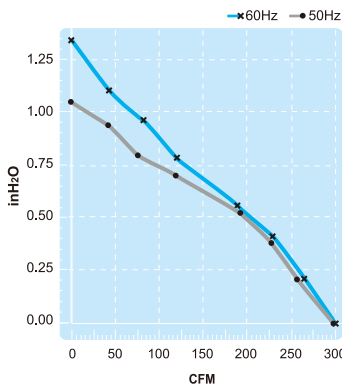


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF175AMA11H1C2A	115	50	60	0.48	0.76	2550	7.2	253	23	0.9	6/250	66	1.3
		60	66	0.51	0.78	2900	8.0	284	33	1.3		70	
UF175AMA23H1C2A	230	50	60	0.24	0.37	2550	6.9	244	23	0.9	1.5/450	66	1.3
		60	66	0.26	0.38	2900	7.8	274	33	1.3		70	

# UF180APA Series

Size :  $\varnothing 182.4 \times 84.9$   
Unit : mm

## (Centrifugal Fan)



Thermally-Protected



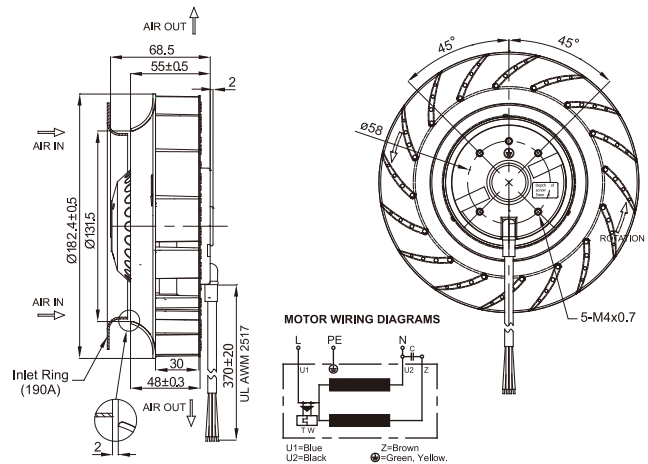
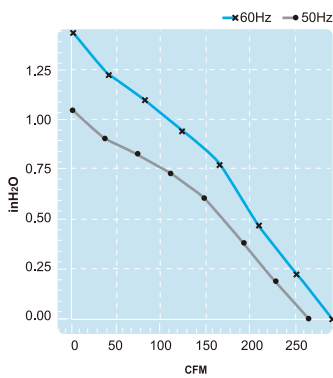
## Lead Wire Type

Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF180APA11H1C2A	115	50	70	0.62	0.86	2300	8.5	300	25	1.0	10/250	63	1.4
		60	83	0.75	0.93	2400	8.5	300	34	1.3	10/250	63	1.4
UF180APA23H1C2A	230	50	70	0.30	0.41	2300	8.5	300	25	1.0	2/450	63	1.4
		60	81	0.35	0.44	2400	8.5	300	34	1.3	2/450	63	1.4

# UF180(55)APA Series

Size :  $\varnothing 182.4 \times 68.5$   
Unit : mm

## (Centrifugal Fan)



Thermally-Protected

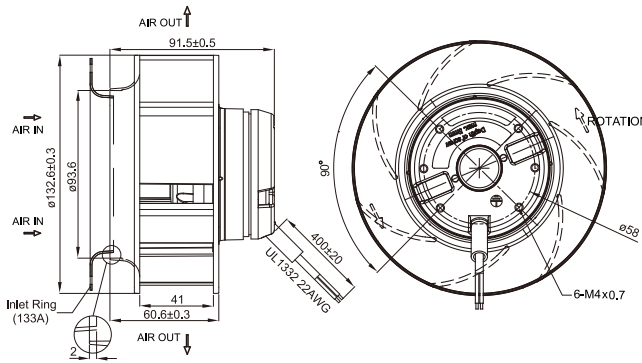


## Lead Wire Type

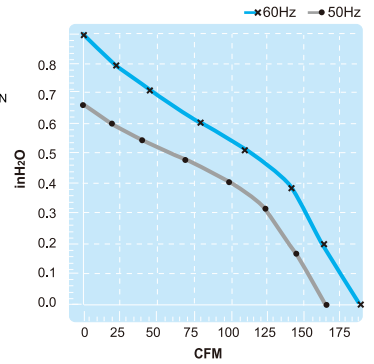
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	μF/VDB	dB	kg
UF180(55)APA 11H2C2A	115	50	63	0.60	0.92	2550	7.5	265	26	1.0	10/250	64	1.2
		60	78	0.70	0.95	2800	8.3	290	36	1.4	10/250	67	1.2
UF180(55)APA 23H2C2A	230	50	63	0.30	0.46	2550	7.5	265	26	1.0	2/450	64	1.2
		60	78	0.34	0.48	2800	8.3	290	36	1.4	2/450	67	1.2

# UF133(91)APA Series

Size :  $\varnothing 132.6 \times 91.5$   
Unit : mm



(Centrifugal Fan)



Lead Wire Type

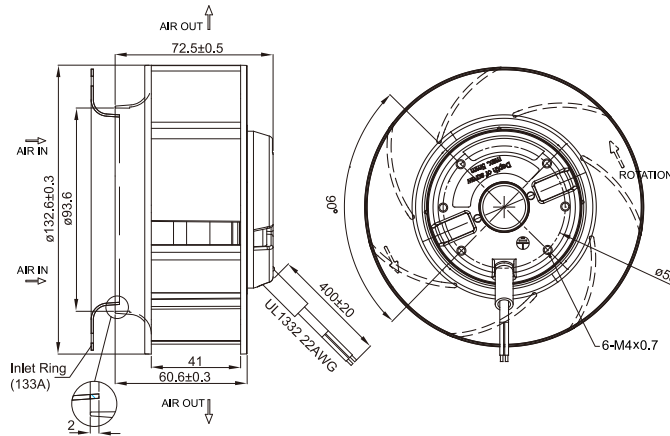
Thermally-Protected



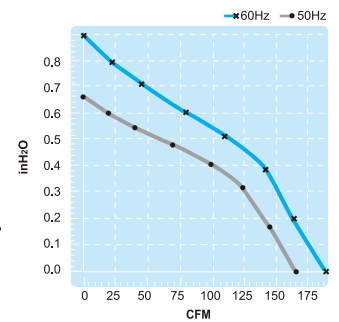
Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Capacitor $\mu$ F/VDB	Noise dB	Weight kg
UF133(91)APA 11H1S2A	115	50	42	0.50	0.83	2780	4.66	165	16.6	0.65	---	50	0.9
		60	41	0.43	0.72	3200	5.33	188	22.4	0.88	---	60	
UF133(91)APA 23H1S2A	230	50	40	0.24	0.39	2780	4.66	165	16.6	0.65	---	50	0.9
		60	39	0.21	0.34	3200	5.33	188	22.4	0.88	---	60	

# UF133(72)APA Series

Size :  $\varnothing 132.6 \times 72.5$   
Unit : mm



(Centrifugal Fan)



Lead Wire Type

Thermally-Protected

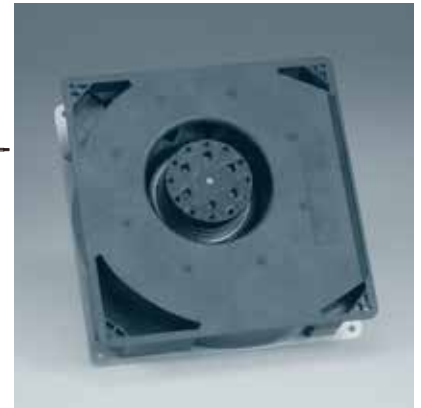
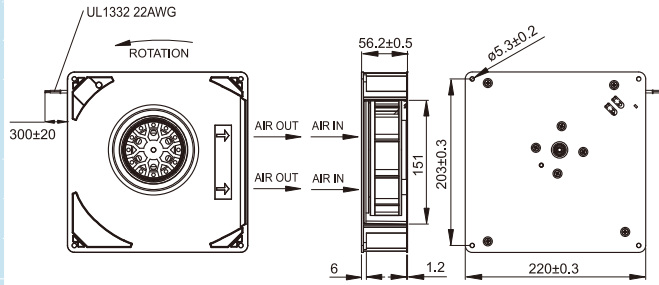
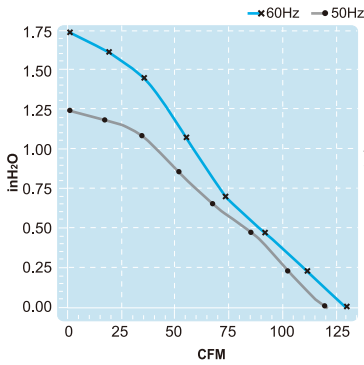


Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Capacitor $\mu$ F/VDB	Noise dB	Weight kg
UF133(72)APA 11H1S2A	115	50	42	0.50	0.83	2780	4.66	165	16.6	0.65	---	50	0.9
		60	41	0.43	0.72	3200	5.33	188	22.4	0.88	---	60	
UF133(72)APA 23H1S2A	230	50	40	0.24	0.39	2780	4.66	165	16.6	0.65	---	50	0.9
		60	39	0.21	0.34	3200	5.33	188	22.4	0.88	---	60	

# UF160DPB Series

Size : 220 x 220 x 56.2  
Unit : mm

## (Blower Fan)



### Lead Wire Type

### Thermally-Protected

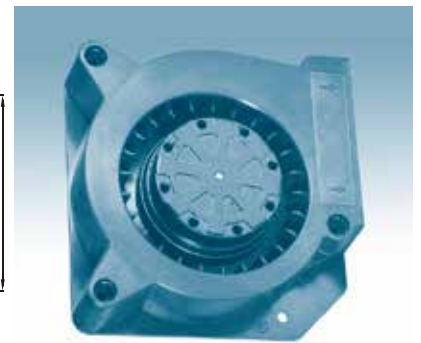
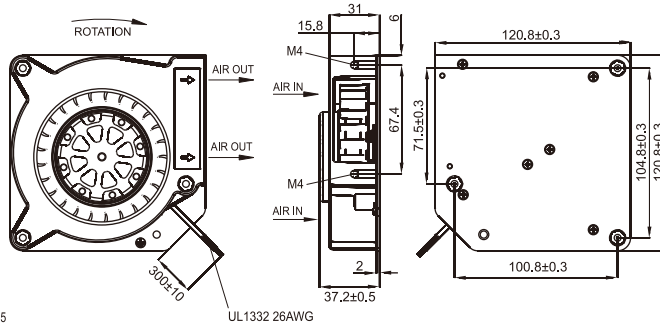
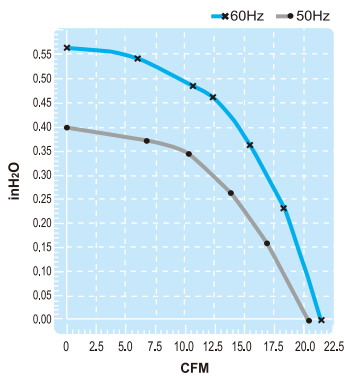


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF160DPB11H1S2A	115	50	50	0.70	0.94	2700	3.3	118	33	1.3	63	1.73
		60	52	0.60	0.80	2900	3.6	126	46	1.8	65	
UF160DPB23H1S2A	230	50	50	0.40	0.46	2700	3.3	118	33	1.3	63	1.73
		60	53	0.30	0.40	2900	3.6	126	46	1.8	65	

# UF90DPB Series

Size : 120.8 x 120.8 x 37.2  
Unit : mm

## (Blower Fan)



### Lead Wire Type

### Impedance-Protected



Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
UF90DPB11H1S2A	115	50	19	0.23	0.30	2500	0.58	20	10	0.40	49	0.66
		60	18	0.21	0.26	2700	0.60	21	13	0.50	51	
UF90DPB23H1S2A	230	50	19	0.11	0.14	2500	0.58	20	10	0.40	49	0.66
		60	18	0.10	0.12	2700	0.60	21	13	0.50	51	

# DUCT FAN

## General Data:

- Frame/Housing : Plastic
- Impeller : Plastic
- Bearing System : Ball bearing
- Motor : Capacitor run motor
- Protection : Thermally-Protected
- Insulation Resistance : Above 100M $\Omega$ , DC500V.
- Dielectric Withstand Voltage : AC1,500V (50/60Hz) one minute
- Life Expectancy : Over 40,000 hours (at 40°C)
- Safety Approval : CE



- Description of Model No.

DF	150	P	23	B	W	H/L
1	2	3	4	5	6	7

### 1. Model Series:

DF: DUCT FAN

### 2. Blade Diameter:

150:  $\varnothing$ 150mm

200:  $\varnothing$ 200mm

### 3. Material of Frame:

P: Plastic

### 4. Voltage:

11: 115V

23: 230V

### 5. Bearing:

B: Ball

S: Sleeve

### 6. Electrical Connection:

T: Terminal Type

W: Lead Wire

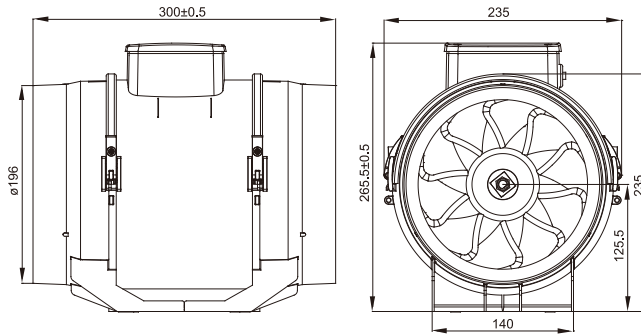
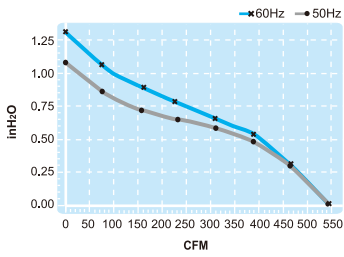
### 7. Speed:

H/L: Dual Speed (Standard)

# DF200P Series

Size : 300 x 265.5  
Unit : mm

(Duct Fan)



Thermally-Protected

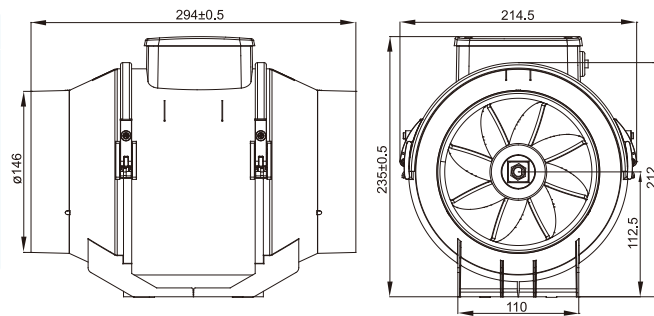
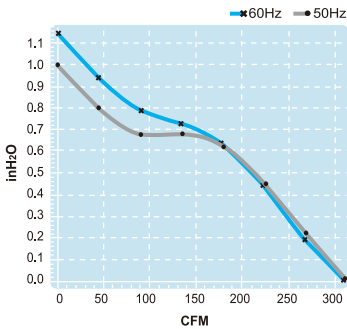


Spec.	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	IP Rate	Weight kg
DF200P23-H	230	50	150	0.63	0.95	2100	15.6	550	29	1.14	59	44	4
-L	230	50	125	0.54	0.65	1700	12.5	440	26	1.02	53	44	4

# DF150P Series

Size : 294 x 235  
2-Speed: High and Low  
Unit : mm

(Duct Fan)



Thermally-Protected



Spec.	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m <sup>3</sup> /min.	Maximum Air Flow CFM	Maximum Pressure mmH <sub>2</sub> O	Maximum Pressure InchH <sub>2</sub> O	Noise dB	IP Rate	Weight kg
DF150P11-H	115	50	65	0.54	0.67	2000	8.5	300	26	1.02	62	44	2.6
		60	75	0.65	0.68	1900	8.2	290	29	1.14	61	44	2.6
-L	115	50	50	0.43	0.46	1400	5.7	200	19	0.75	53	44	2.6
		60	52	0.46	0.47	1300	5.1	180	17	0.67	50	44	2.6
DF150P23-H	230	50	65	0.27	0.32	2000	8.5	300	26	1.02	62	44	2.6
		60	75	0.32	0.33	1900	8.2	290	29	1.14	61	44	2.6
-L	230	50	50	0.21	0.23	1400	5.7	200	19	0.75	53	44	2.6
		60	52	0.23	0.24	1300	5.1	180	17	0.67	50	44	2.6

# ROOF FAN

## General Data:

- Frame/Housing : Plastic
- Impeller : Plastic
- Bearing System : Ball bearing
- Motor : Capacitor run motor
- Protection : Thermally-Protected
- Insulation Resistance : Above 100M $\Omega$ , DC500V.
- Dielectric Withstand Voltage : AC1,500V (50/60Hz) one minute
- Life Expectancy : Over 40,000 hours (at 40°C)
- Safety Approval : CE



- Description of Model No.

RF	190	A	P	A	11	H1	C	2	A
1	2	3	4	5	6	7	8	9	10

### 1. Model Series:

RF: ROOF FAN

### 2. Blade Diameter:

190:  $\varnothing$ 190mm

### 3. Sort of Fan:

A: Centrifugal Fan

### 4. Sort of Blade:

P: Plastic

### 5. Air Direction:

A: Backward Curve  
Single Air Intake

### 6. Voltage:

11: 115V  
23: 230V

### 7. Speed:

H1: High

### 8. Sort of Motor:

C: Capacitor Run Motor

### 9. Poles of Motor:

2: 2P

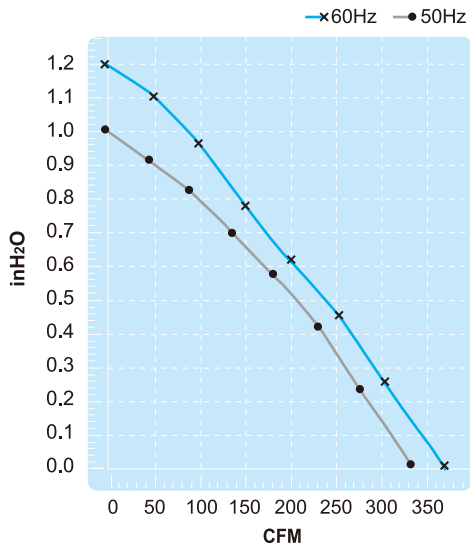
### 10. Special Requirement:

A: Standard

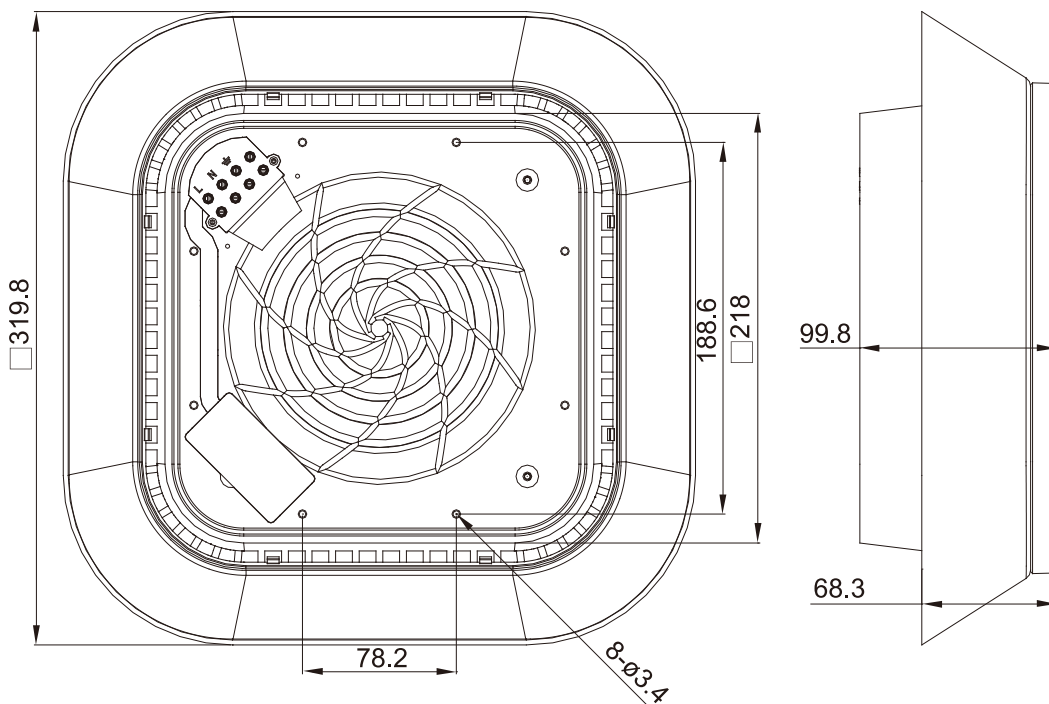
# RF190APA Series

## (Roof Fan)

Size : 319.8 x 319.8 x 99.8  
Unit : mm



### Thermally-Protected



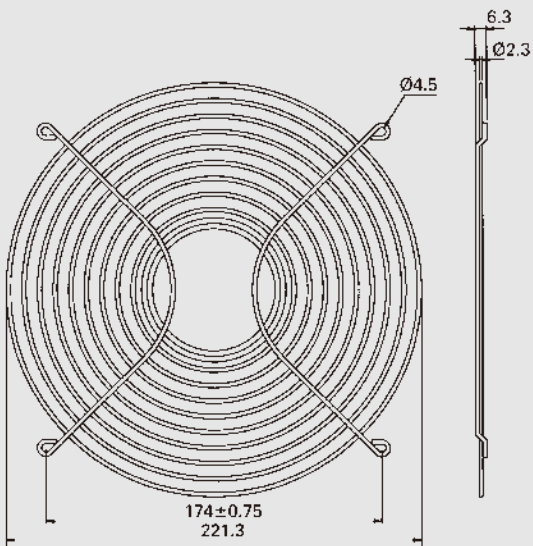
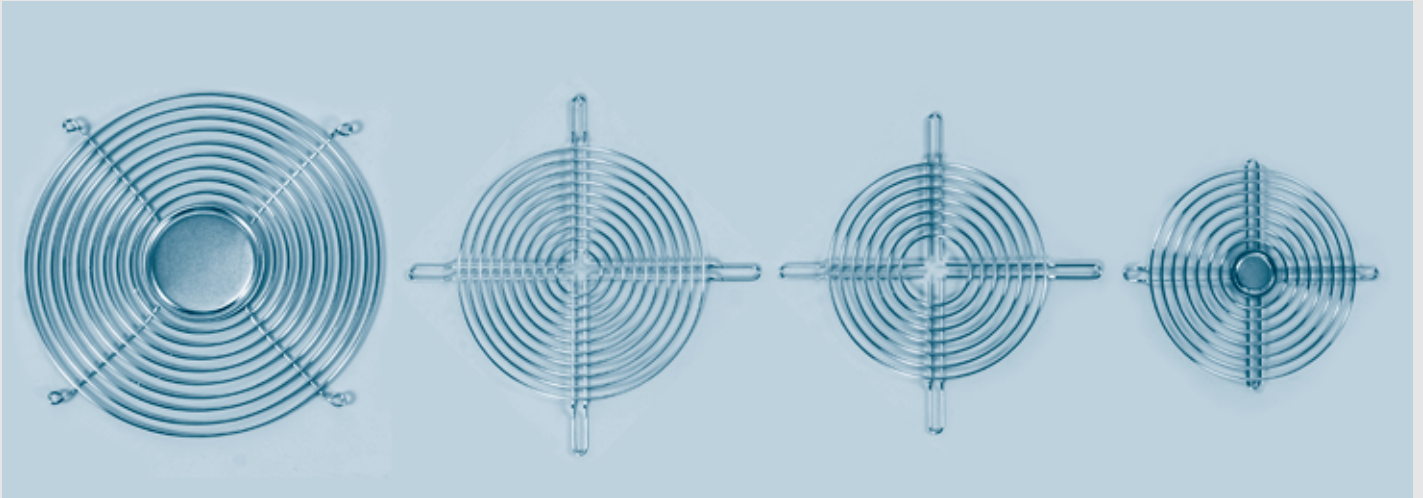
Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Noise	Weight
Model	V	Hz	W	A	A	RPM	m <sup>3</sup> /min.	CFM	mmH <sub>2</sub> O	InchH <sub>2</sub> O	dB	kg
RF190APA11-H	115	50	55	0.45	0.92	2500	9.5	335	25	1.0	60	2.35
		60	65	0.54	0.91	2700	10.4	370	30	1.2	62	
RF190APA23-H	230	50	57	0.23	0.43	2500	9.5	335	25	1.0	60	2.35
		60	72	0.30	0.45	2700	10.4	370	30	1.2	62	



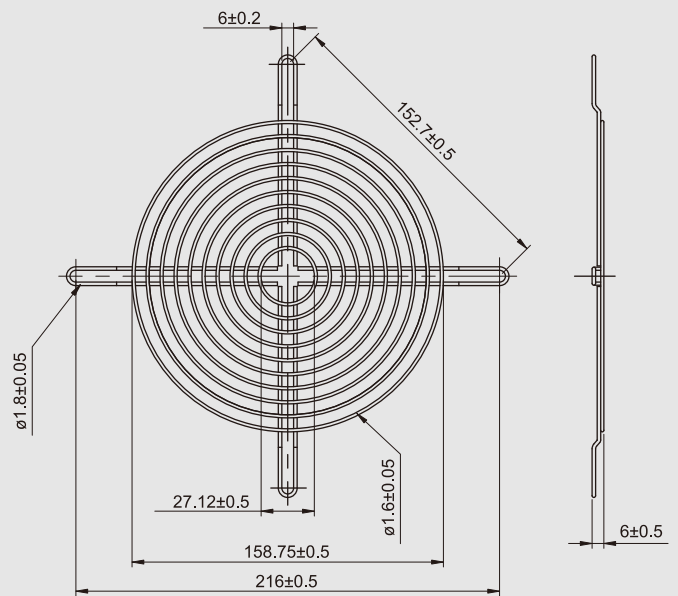
# ACCESSORIES

## Fan Guard

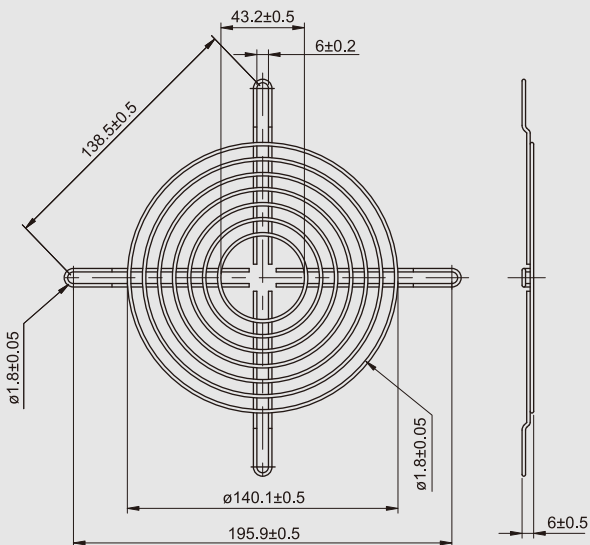
Unit: mm



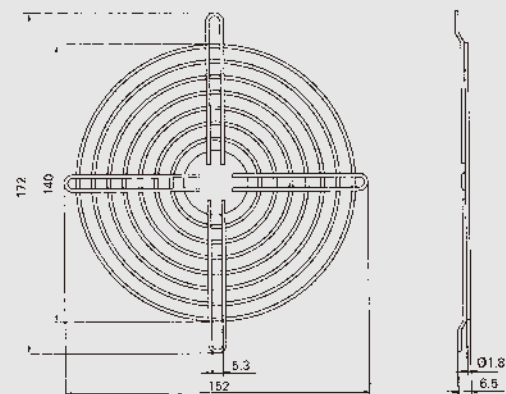
MG-25 (For UF25HC, 25GC, 25GCA, 25GCB, 20JC Series)  
\*Steel



MG-18 (For UF18JC Series)  
\*Steel



MG-16 (For UF16FC Series)  
\*Steel

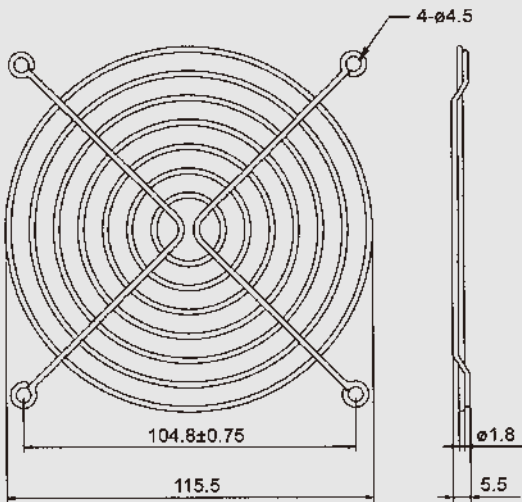
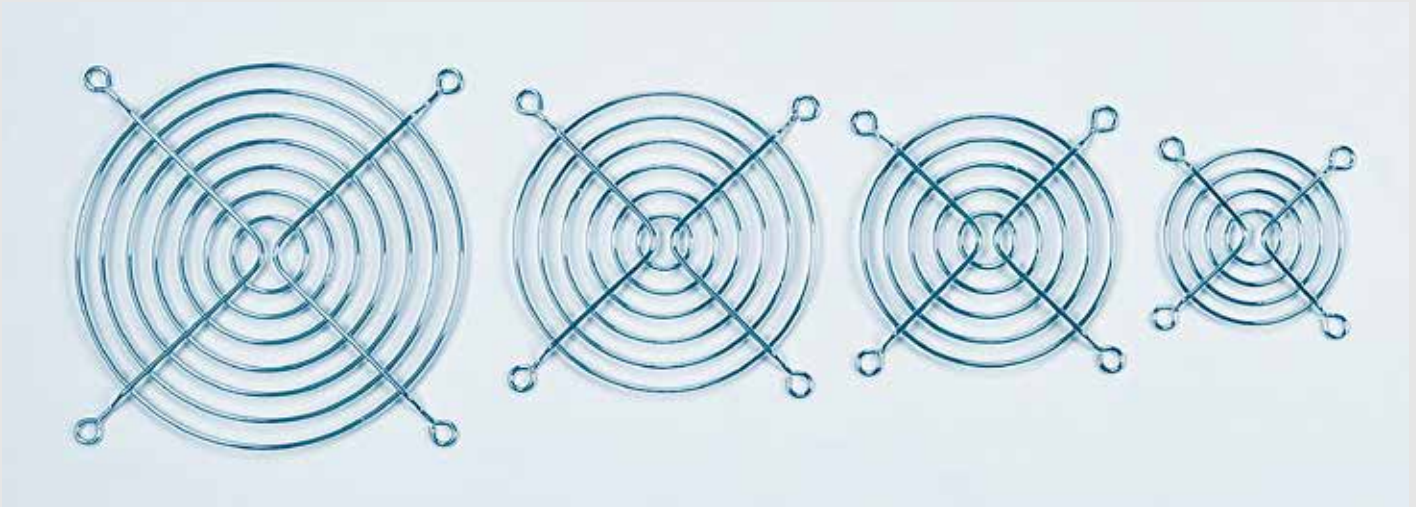


MG-15 (For UF15P, 17P, 15PC, 15KC, 17PC, 15AC Series)  
\*Steel

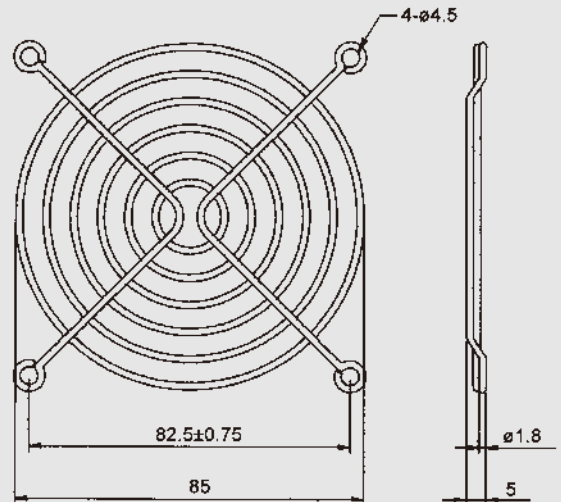
\* Dimensions of fan guards are only for reference, for details please send your inquiry.

## Fan Guard

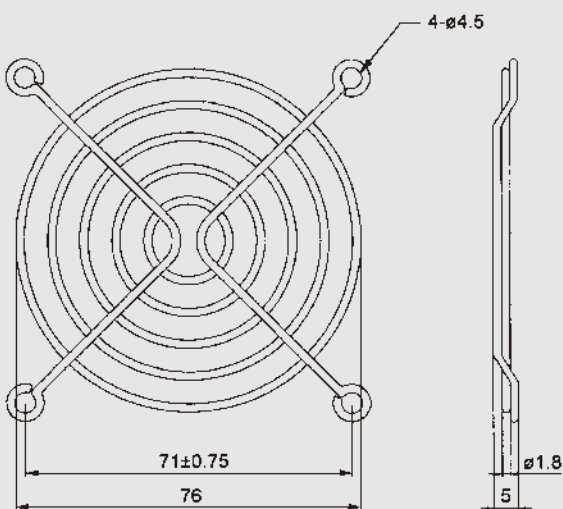
Unit: mm



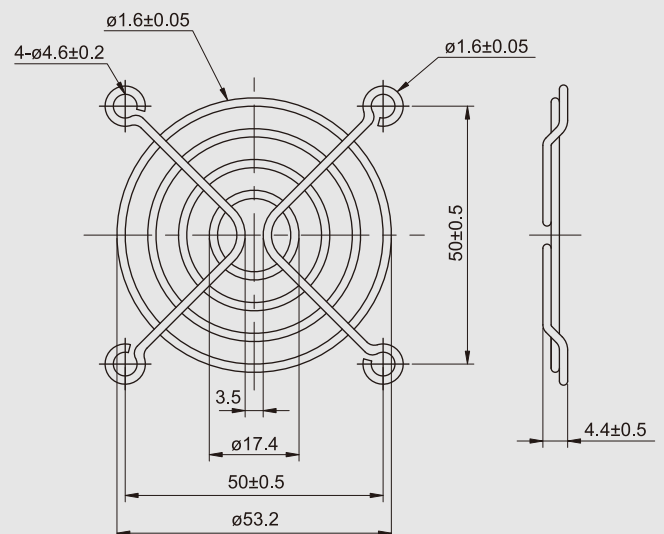
MG-12 (For UF12A, 12B Series)  
\*Steel



MG-92 (For UF92A, 92AM, 92B Series)  
\*Steel



MG-80 (For UF80A, 80B Series)  
\*Steel



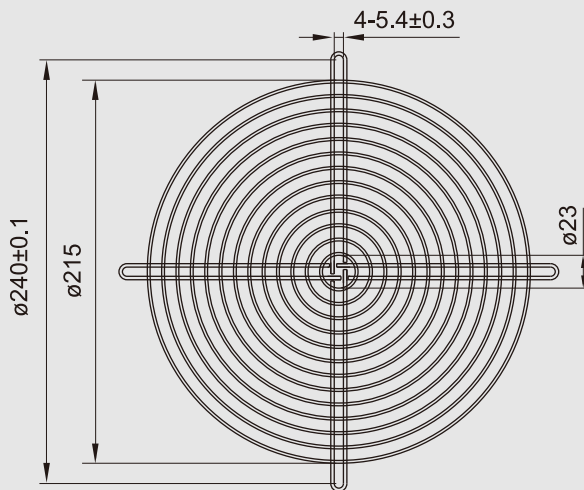
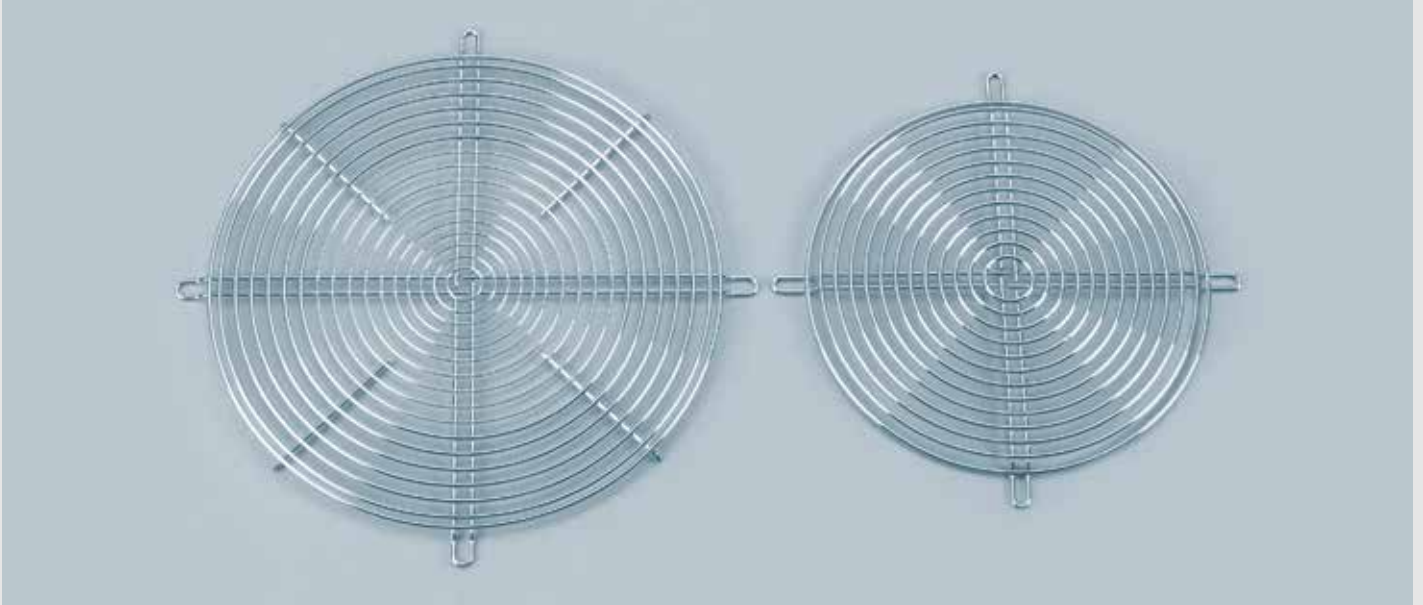
MG-60 (For UF60D Series)  
\*Steel

\* Dimensions of fan guards are only for reference, for details please send your inquiry.

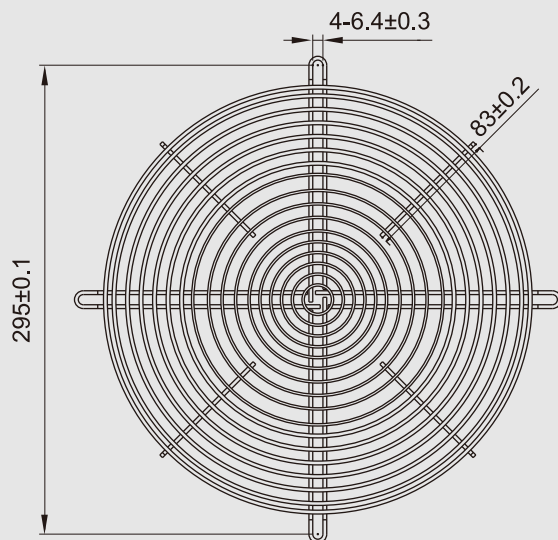
# ACCESSORIES

## Fan Guard

Unit: mm



MG-200 (For UF200BMB, T200BMB Series)

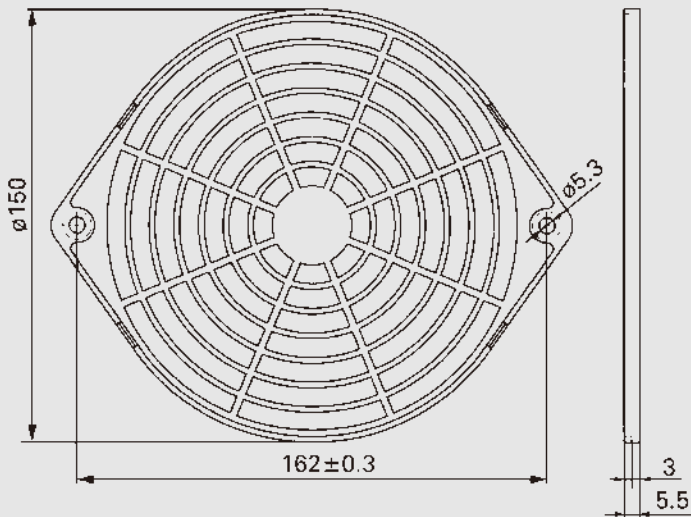
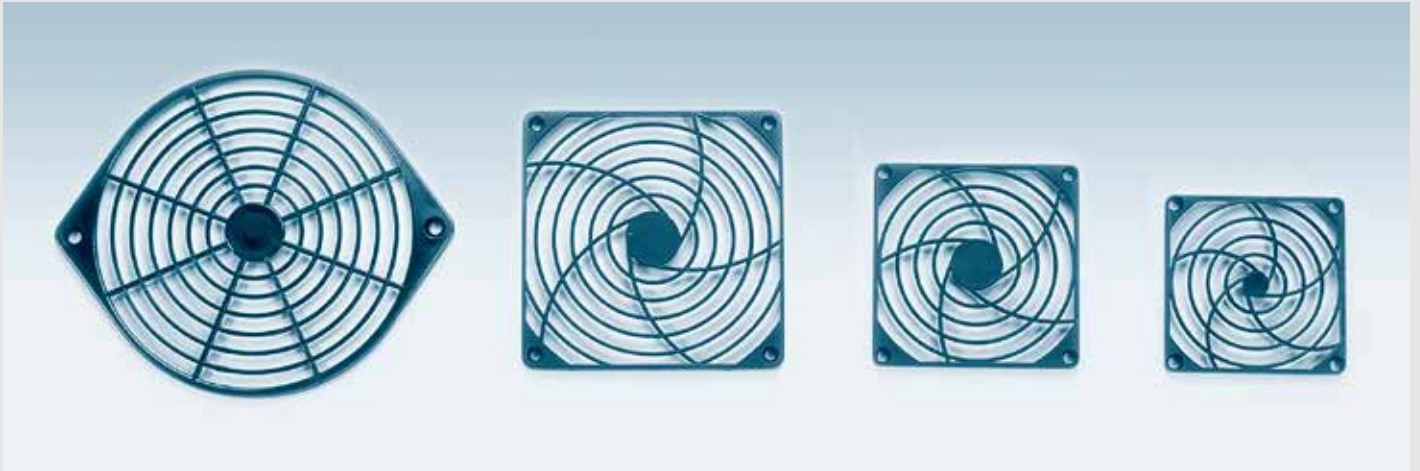


MG-250 (For UF250BMB Series)

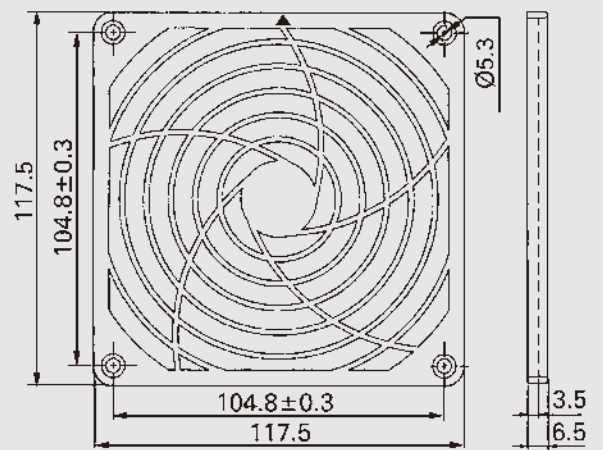
\* Dimensions of fan guards are only for reference, for details please send your inquiry.

## Plastic Guard (PC)

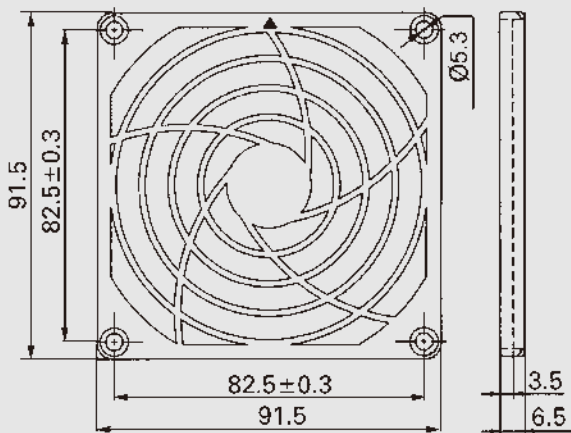
Unit: mm



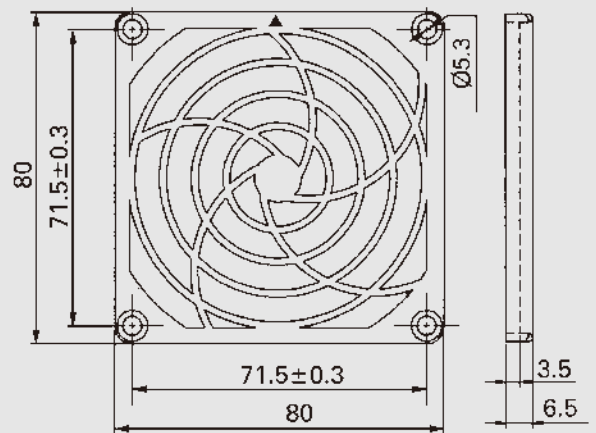
PG-15 (For UF15P, 17P, 15PC,  
17PC, 15AC, 15KC Series)  
\*Plastic



PG-12 (For UF12A, 12B Series)  
\*Plastic



PG-92 (For UF92A, 92AM, 92B Series)  
\*Plastic



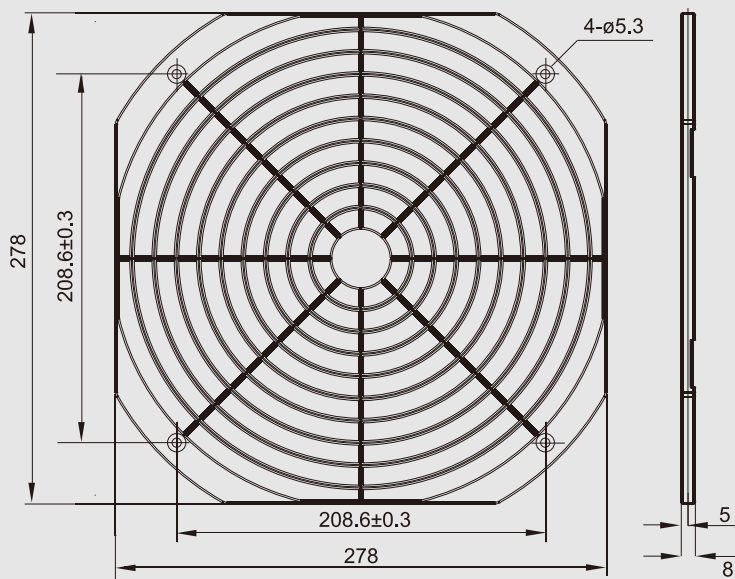
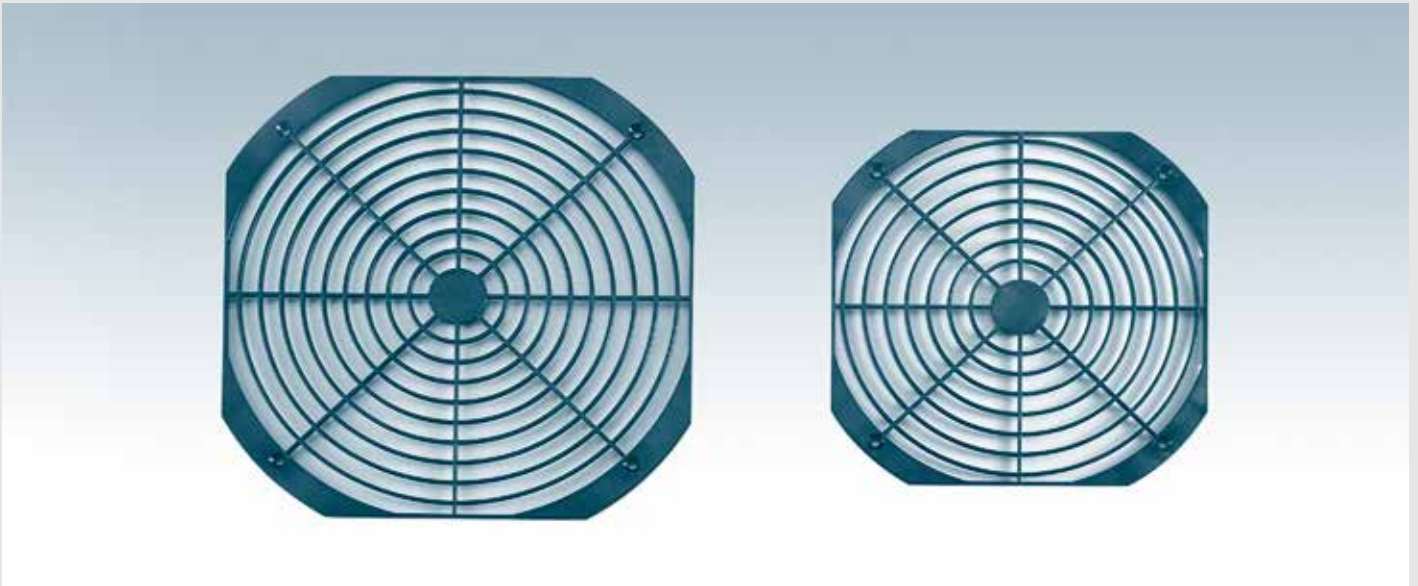
PG-80 (For UF80A, 80B Series)  
\*Plastic

\* Dimensions of fan guards are only for reference, for details please send your inquiry.

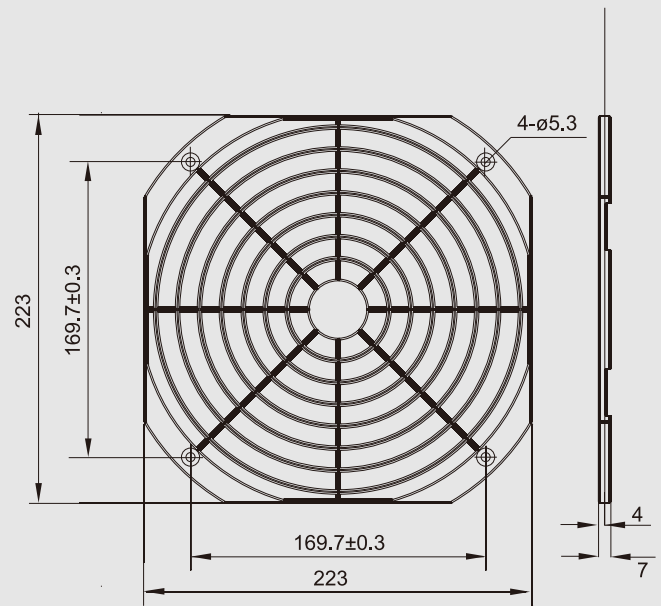
# ACCESSORIES

## Plastic Guard (PC)

Unit: mm



PG-250B (For 250BMB)  
\*Plastic

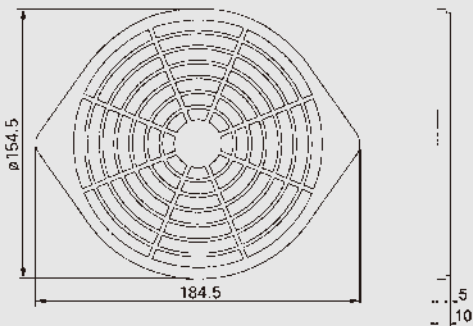
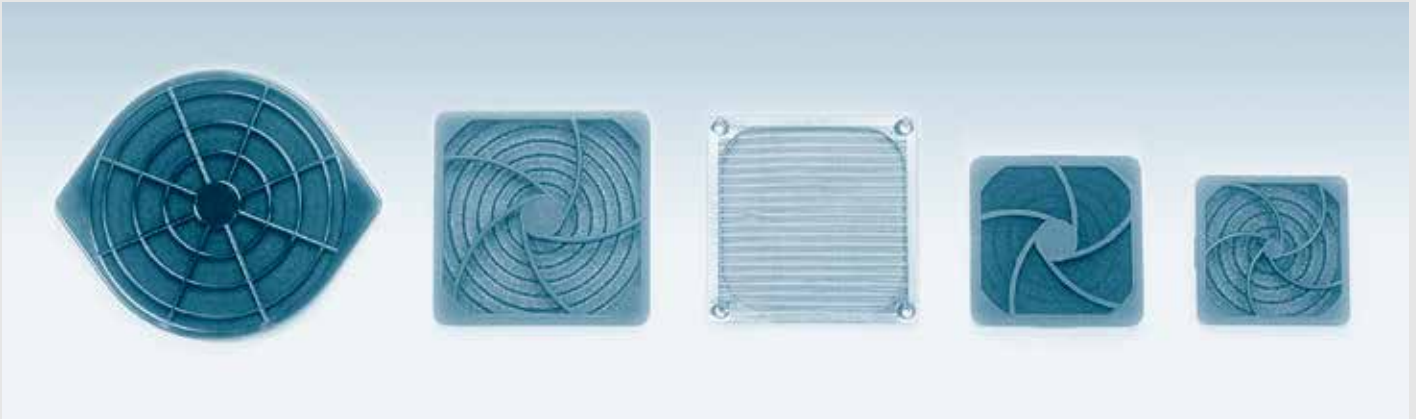


PG-200B (For 200BMB)  
\*Plastic

\* Dimensions of fan guards are only for reference, for details please send your inquiry.

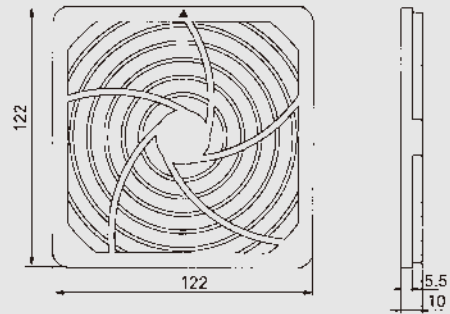
## Fan Filter (PC)

Unit: mm



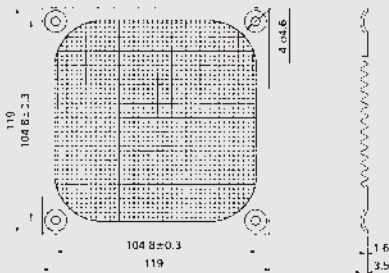
PFG-15 (For UF15P, 17P, 15PC, 17PC, 15AC, 15KC Series)

\*Plastic



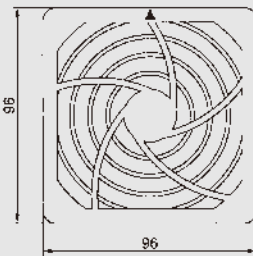
PFG-12 (For UF12A, 12B Series)

\*Plastic



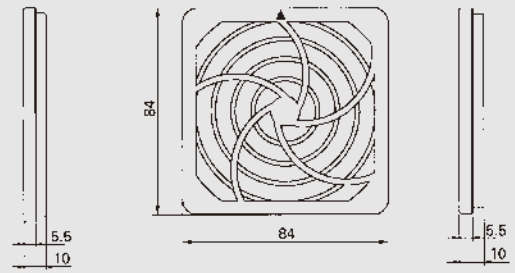
MSG-12 (For UF12A, 12B Series)

\*Stainless



PFG-92 (For UF92A, 92AM, 92B Series)

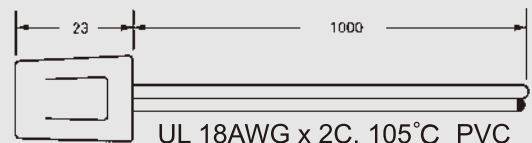
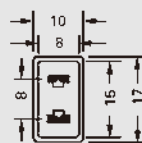
\*Plastic



PFG-80 (For UF80A, 80B Series)

\*Plastic

## Plug Cords



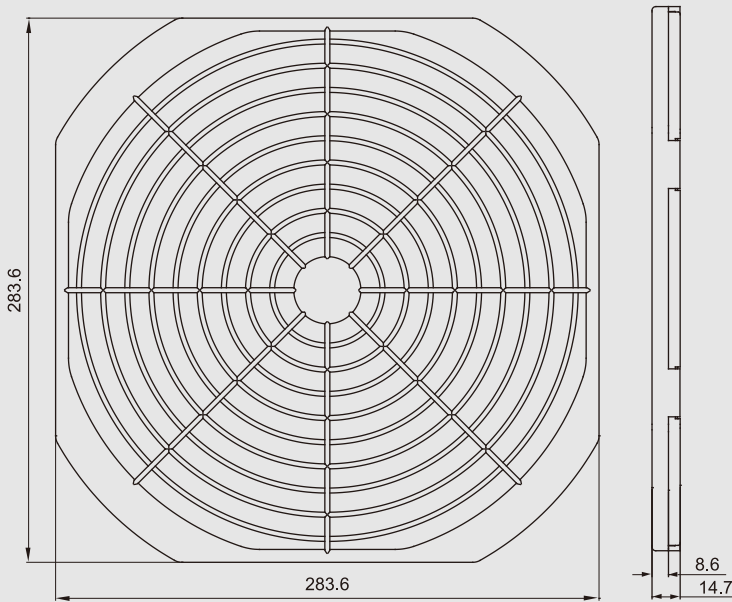
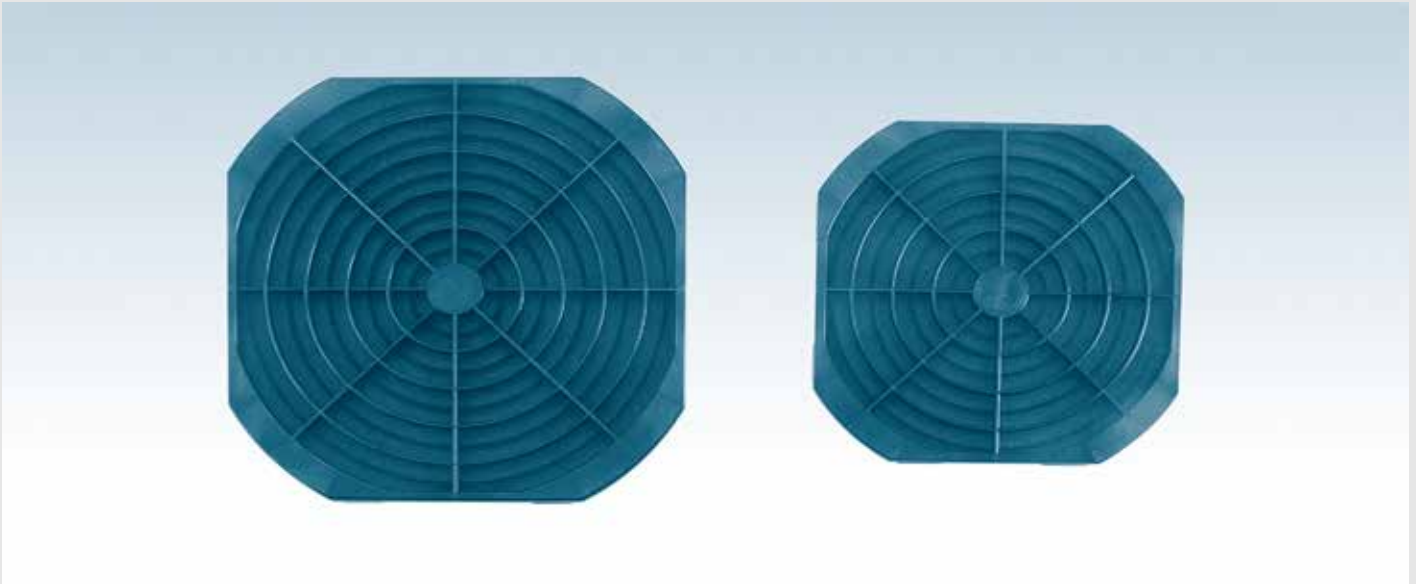
LA-10

\* Dimensions of fan guards are only for reference, for details please send your inquiry.

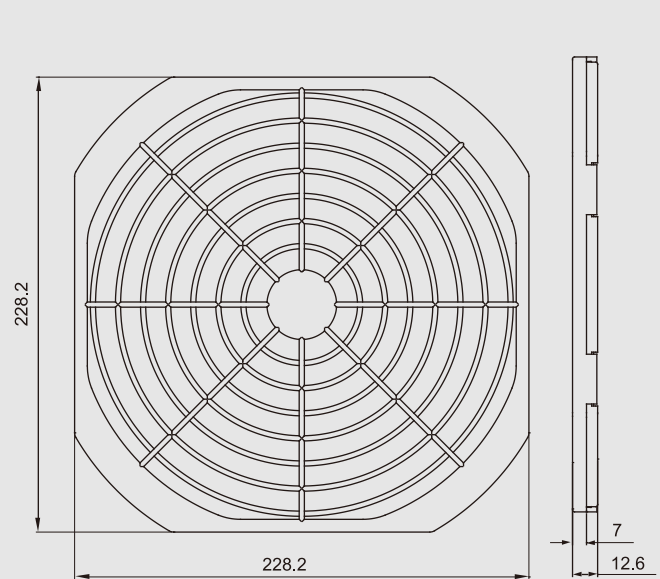
# ACCESSORIES

## Fan Filter (PC)

Unit: mm



PFG-250B (For 250BMB)  
\*Plastic

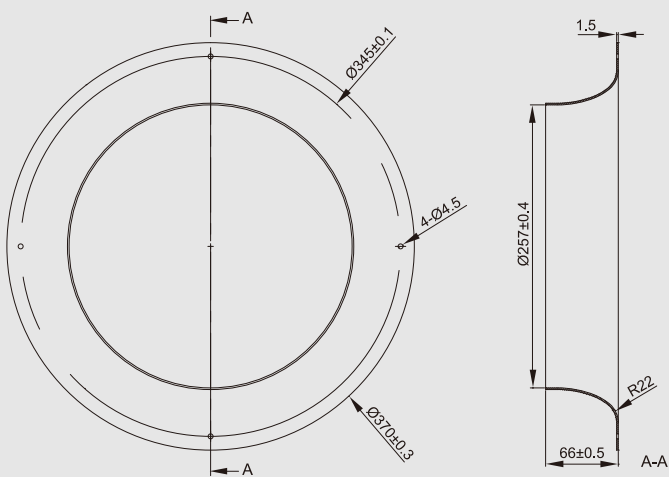
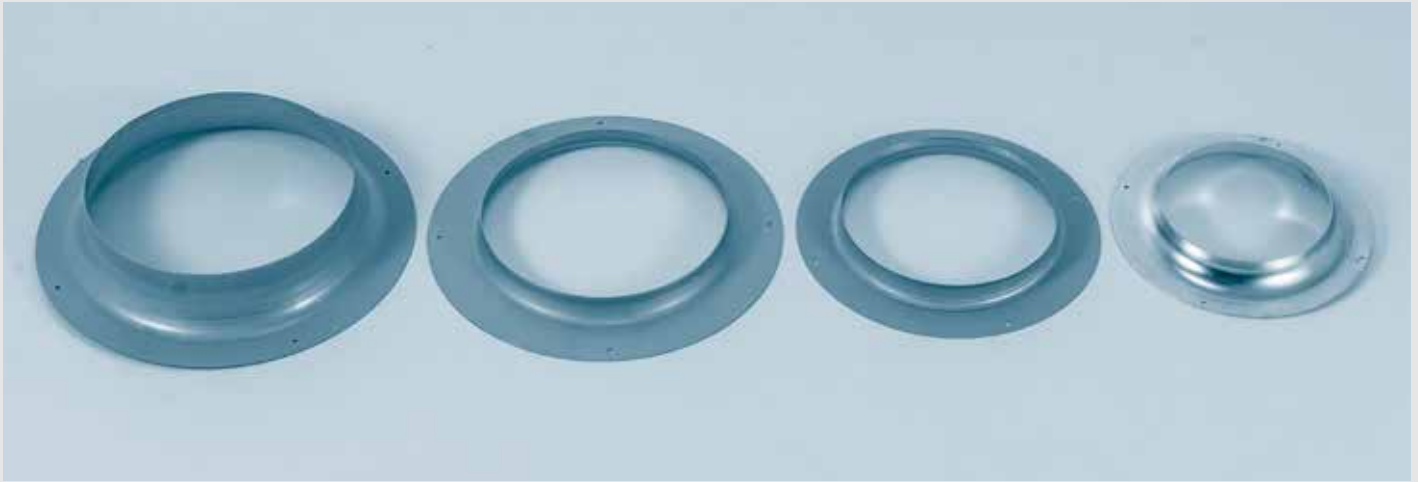


PFG-200B (For 200BMB)  
\*Plastic

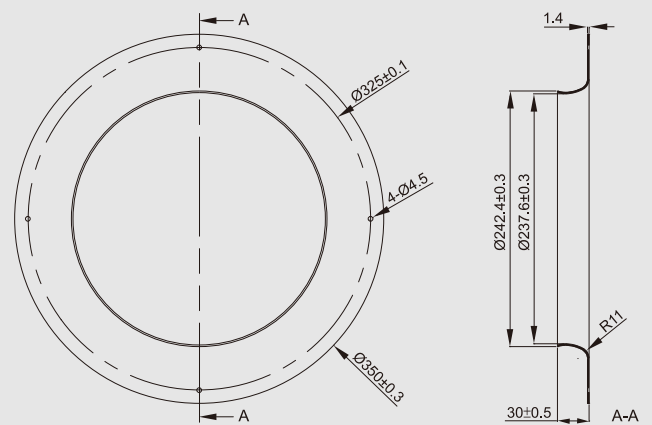
\* Dimensions of fan guards are only for reference, for details please send your inquiry.

## Duct Ring (for Centrifugal Fan)

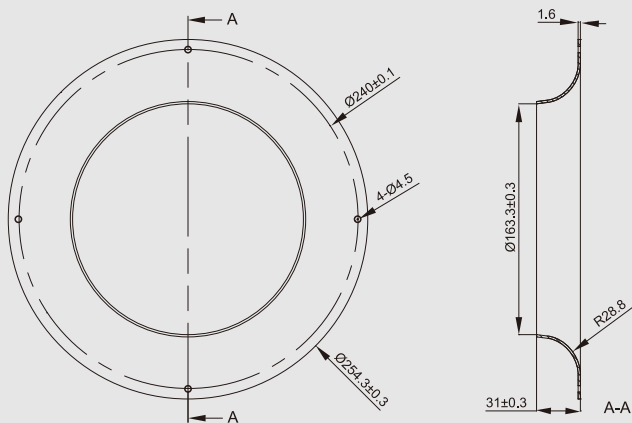
Unit: mm



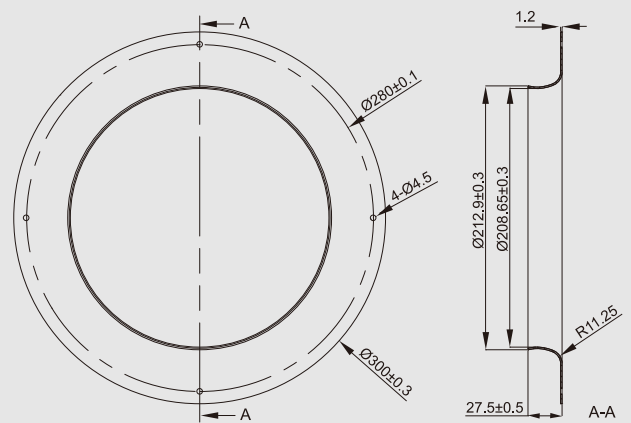
400A (For UF400AAA)  
\*Galvanized Steel



360A (For UF360AAA)  
\*Galvanized Steel



250A (For UF250APA)  
\*Galvanized Steel



318A (For UF318AAA)  
\*Galvanized Steel

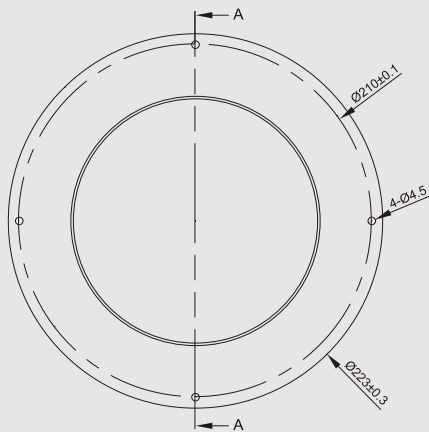
\* Dimensions of fan guards are only for reference, for details please send your inquiry.



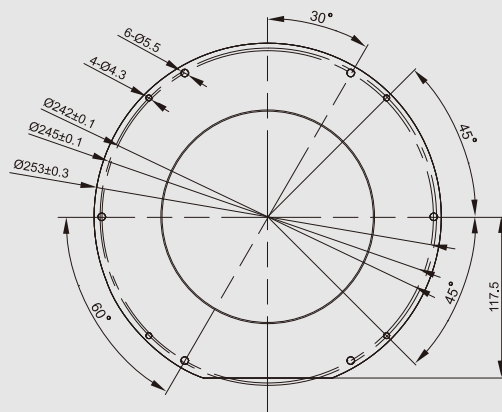
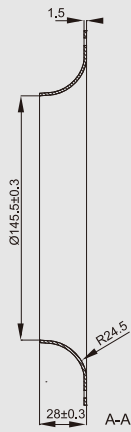
# ACCESSORIES

## Duct Ring (for Centrifugal Fan)

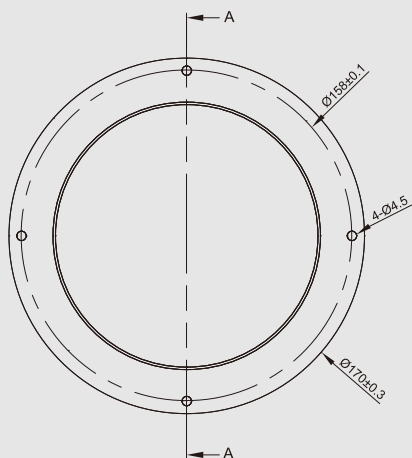
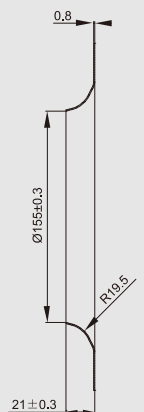
Unit: mm



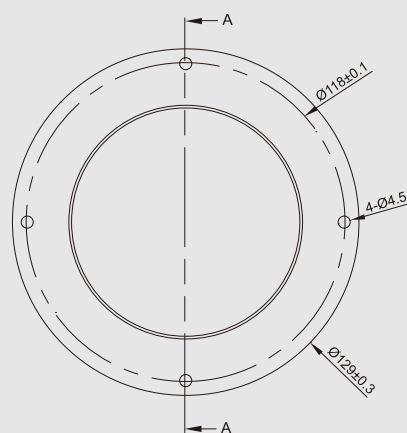
225A (For UF225 Series)  
\*Galvanized Steel



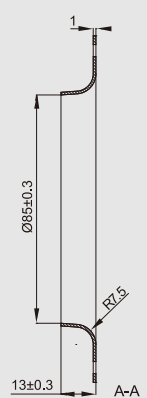
220A (For UF220APA)  
\*Galvanized Steel



190A (For UF190APA, UF180APA and UF175AMA)  
\*Galvanized Steel



133A (For UF133APA)  
\*Galvanized Steel



\* Dimensions of fan guards are only for reference, for details please send your inquiry.