

EXTERNAL ROTOR FAN

General Data:

- Frame/Housing : Aluminum die-casting or Plastic
- 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 100M Ω , DC500V. (EC FAN: Above 10M Ω , 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: $\varnothing 55 \times 25$ mm
12A: $\varnothing 112 \times 38$ mm
15P: $\varnothing 145 \times 51$ mm

25G: $\varnothing 221 \times 89$ mm
80B: $\varnothing 73 \times 25$ mm
92A: $\varnothing 84 \times 38$ mm
92B: $\varnothing 85 \times 25$ mm
200: $\varnothing 200$ mm

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

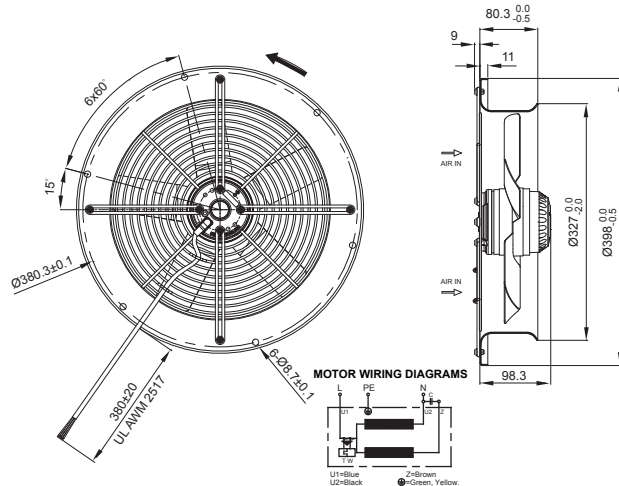
A: Standard
F: With Mounting Disk

UF300BNA Series

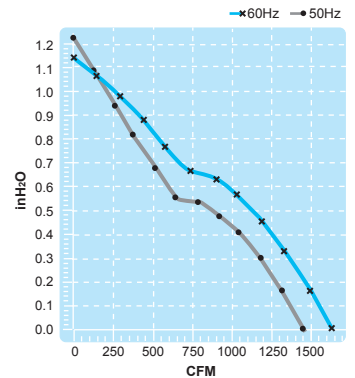
Size : $\varnothing 398 \times 98.3$
Unit : mm



Thermally-Protected



(Axial Fan)



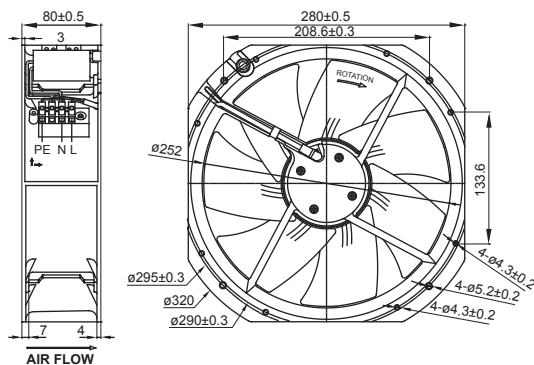
Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m ³ /min.	Maximum Air Flow CFM	Maximum Pressure mmH ₂ O	Maximum Pressure InchH ₂ O	Capacitor μ F/VDB	Noise dB	Weight kg
UF300BNA11H1C2A	115	50	150	1.6	3.15	2650	40.6	1435	31	1.2	20/250	75	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

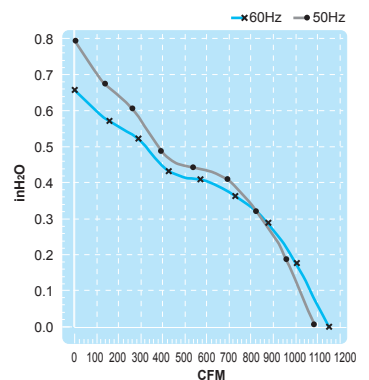
Size : 280 x 280 x 80
Unit : mm



Thermally-Protected



(Axial Fan)

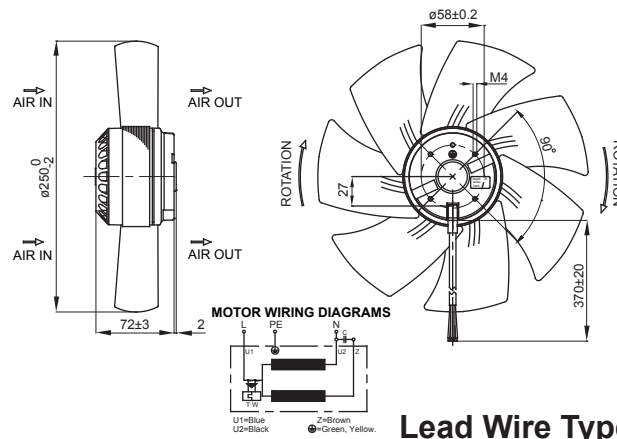
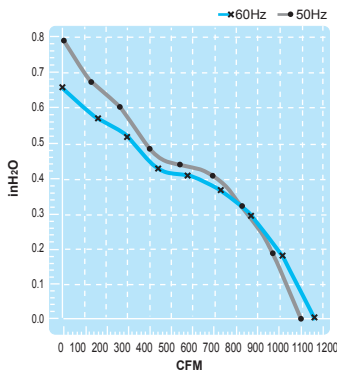


Spec. Model	Rated Voltage V	Frequency Hz	Input Power W	Rated Current A	Locked Current A	Speed RPM	Maximum Air Flow m ³ /min.	Maximum Air Flow CFM	Maximum Pressure mmH ₂ O	Maximum Pressure InchH ₂ O	Capacitor μ F/VDB	Noise dB	Weight kg
UF250BMB11H1C2A	115	50	112	1.00	1.90	2550	31	1090	20.0	0.78	12/250	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 : $\varnothing 250 \times 72$
Unit : mm

(Axial Fan)



Lead Wire Type

Thermally-Protected

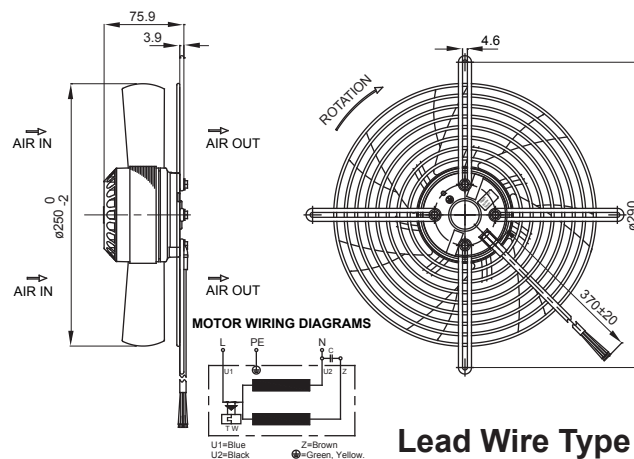
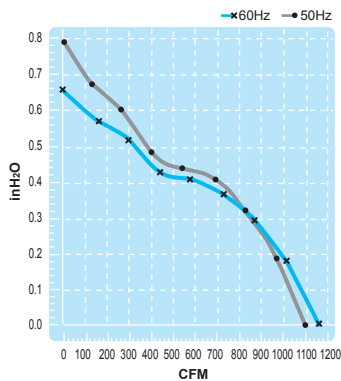


Spec.	Rated Voltage	Frequency	Input Power	Rated Current	Locked Current	Speed	Maximum Air Flow	Maximum Air Flow	Maximum Pressure	Maximum Pressure	Capacitor	Noise	Weight
Model	V	Hz	W	A	A	RPM	m ³ /min.	CFM	mmH ₂ O	InchH ₂ O	μF/VDB	dB	kg
UF250BMB11H1C2E	115	50	112	1.00	1.90	2550	31	1090	20.0	0.78	12/250	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 : $\varnothing 290 \times 75.9$
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 ³ /min.	CFM	mmH ₂ O	InchH ₂ O	μF/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
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