Ningbo Longwell Electric Technology CO, LTD
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAE17251 Series

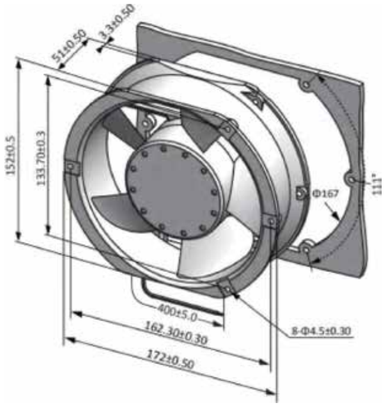


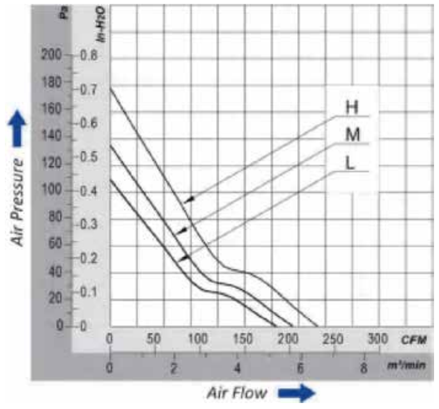
Product Characteristic

- Motor Protection: AF series fans have auto restart function
- Fan Specials: RD; FG; PWM; IP54; AS
- Material: Frame: Aluminum (UL94V-0), Impeller:Plastic(UL94V-0)
  Lead Wire: UL1007AWG#22 400mm or Terminal
- Expected life: Ball Bearing 50,000hrs at 40°C(approximately 6 years)
- Dielectric Strength: 50/60Hz 1500 VAC 1min(Between input terminal and frame)
- Temperature Range: Operating temperature -20°℃~70°℃ (Non-condensing) Storage temperature -40°℃-70℃ (Non-condensing)
- Input Voltage: A rated voltage range of 100V~240V(50/60Hz) AC&DC ,Rotation speed remains constant even at different input voltages

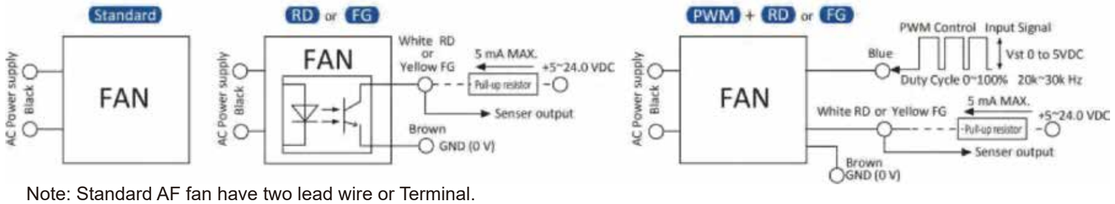
Technical Specifications

Model	Bearing Type	Voltage (V)	Current (A)	Power (Watt)	Speed (RPM)	Max Air Flow (CFM)	Max Air Flow (m³/min)	Static Pressure (Inch-H₂O)	Static Pressure (Pa)	Noise [dB(A)]	Weight (g)
LWAE17251SH-01	B	100~240	0.2	22.5	3200	237.16	6.72	0.71	176.9	56	740
LWAE17251SM-02	B	100~240	0.17	19	2800	205	5.81	0.54	133.89	51	740
LWAE17251SL-03	B	100~240	0.1	11	2400	183.34	5.19	0.44	108.55	45	740





Wiring Diagram



Note: Standard AF fan have two lead wire or Terminal.
RD or FG, have 4 lead wires. RD is White color, FG is Yellow color, Brown is Ground
PWM with RD or FG signal have 5 lead wires, PWM is Blue color, Brown is Ground

LWAE20060 Series

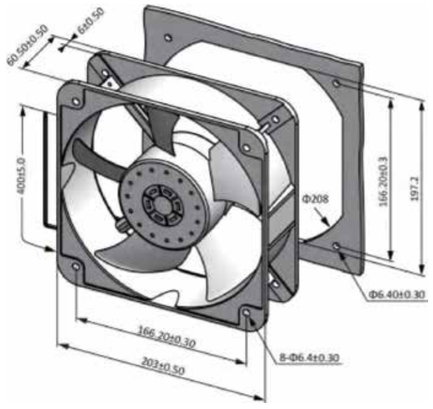


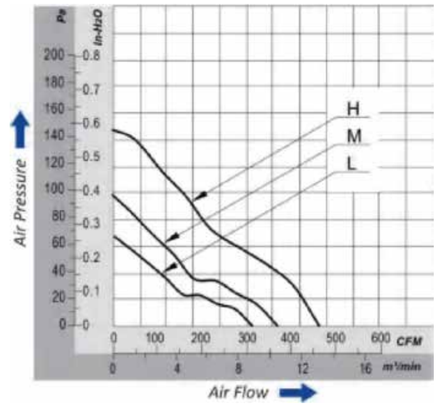
Product Characteristic

- Motor Protection: AF series fans have auto restart function
- Fan Specials: RD; FG; PWM; IP54; AS
- Material: Frame: Plastic (UL94V-0), Impeller:Plastic(UL94V-0)
  Lead Wire: UL1007AWG#24 300mm or Terminal
- Expected life: Ball Bearing 70,000hrs at 40°C(approximately 6 years)
- Dielectric Strength: 50/60Hz 1500 VAC 1min(Between input terminal and frame)
- Temperature Range: Operating temperature -20°℃~70°℃ (Non-condensing) Storage temperature -40°℃-70℃ (Non-condensing)
- Input Voltage: A rated voltage range of 100V~240V(50/60Hz) AC&DC ,Rotation speed remains constant even at different input voltages

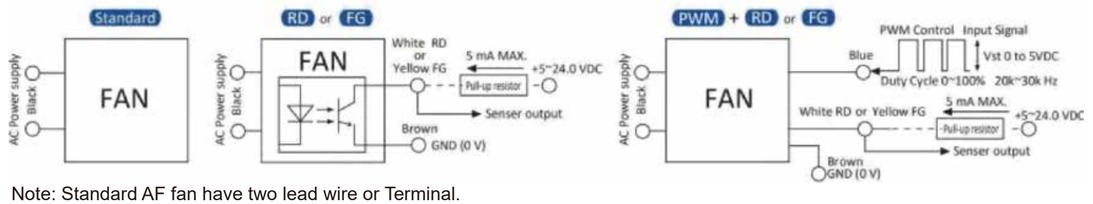
Technical Specifications

Model	Bearing Type	Voltage (V)	Power (Watt)	Speed (RPM)	Max Air Flow (CFM)	Max Air Flow (m³/min)	Static Pressure (Inch-H₂O)	Static Pressure (Pa)	Noise [dB(A)]	Weight (g)
LWAE20060SH-01	B	220	40	2600	474.97	13.45	0.57	143.08	61.7	1090
LWAE20060SM-02	B	220	20	2100	380.73	10.78	0.39	96.14	56.4	1090
LWAE20060SL-03	B	220	11	1600	303.51	8.59	0.25	62.92	49.8	1090





Wiring Diagram



Note: Standard AF fan have two lead wire or Terminal.
RD or FG, have 4 lead wires. RD is White color, FG is Yellow color, Brown is Ground
PWM with RD or FG signal have 5 lead wires, PWM is Blue color, Brown is Ground