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

# LWAE6025 Series

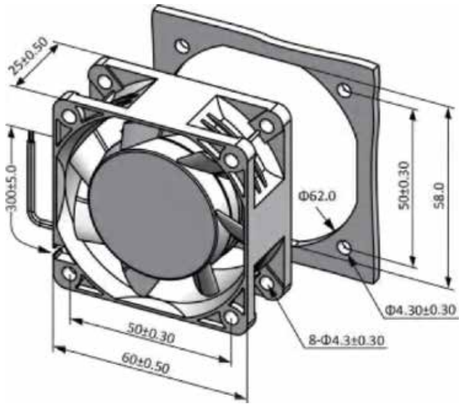


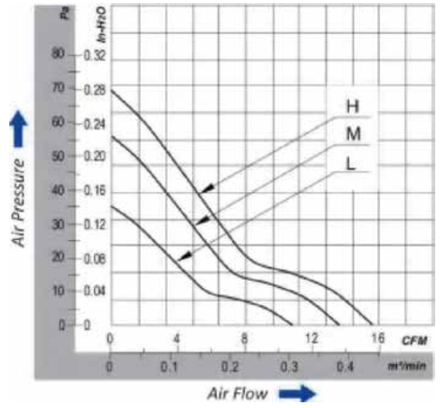

## Product Characteristic

- 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°C~70°C (Non-condensing) Storage temperature -40°C-70C (Non-condensing)
- Input Voltage: A rated voltage range of 100V~240V(50/60Hz) AC&DC ,Rotation speed remains constant even at different input voltages

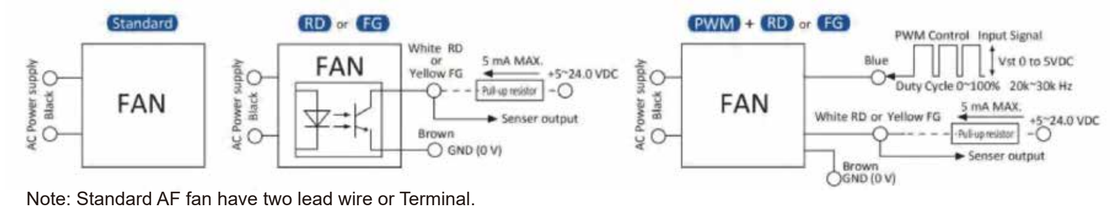
## Technical Specifications

| Model | Bearing Type | Voltage (V) | Current (A) | Power (Watt) | Speed (RPM) | Max Air Flow (CFM) | (m³/min) | Static Pressure (Inch-H₂O) | (Pa) | Noise [dB(A)] | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LWAE6025SH-01 | B | 100~240 | 0.06 | 2.3 | 4500 | 15.74 | 0.45 | 0.28 | 70.2 | 31 | 72 |
| LWAE6025SM-02 | B | 100~240 | 0.05 | 1.7 | 4000 | 13.57 | 0.38 | 0.21 | 53.42 | 27 | 72 |
| LWAE6025SL-03 | B | 100~240 | 0.04 | 1.4 | 3500 | 11.32 | 0.32 | 0.16 | 39.84 | 24 | 72 |




## 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



# LWAE8025 Series

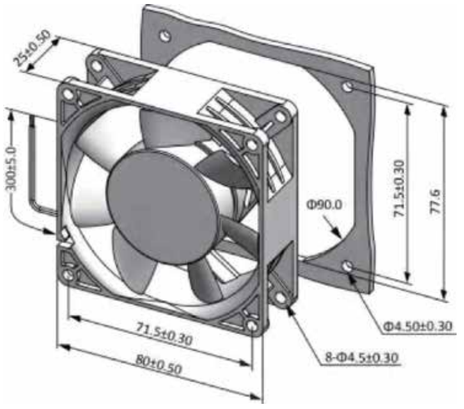


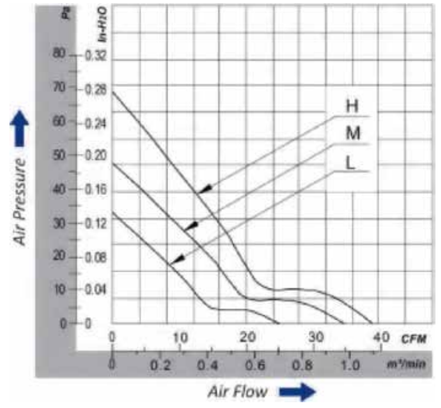

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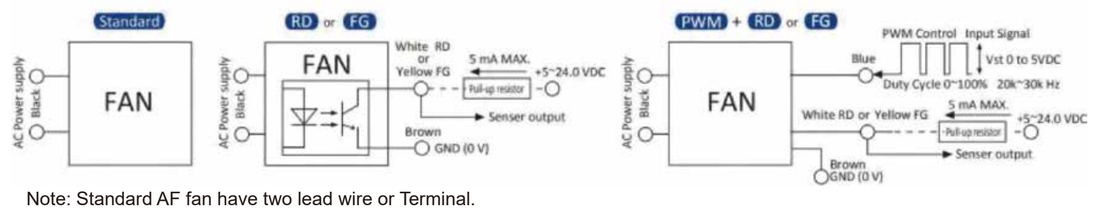
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|---|---|---|---|---|---|---|---|---|---|---|---|
| LWAE8025SH-01 | B | 100~240 | 0.06 | 4.5 | 4500 | 39.84 | 1.13 | 0.27 | 67.16 | 31 | 95 |
| LWAE8025SM-02 | B | 100~240 | 0.05 | 2.4 | 4000 | 33.06 | 0.94 | 0.19 | 46.35 | 27 | 95 |
| LWAE8025SL-03 | B | 100~240 | 0.04 | 1.6 | 3500 | 23.79 | 0.74 | 0.13 | 32.23 | 24 | 95 |




## Wiring Diagram




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