



·AC· PFA190RAN (72)



**Dia.190x72mm/7.4x2.8 inch**  
**Max.320CFM**

Sinwan AC Centrifugal Fan

|                      | Rated<br>Volt | Voltage<br>Range | Freq  | Input<br>Power | Ref.<br>Speed | Max.Airflow | Max.Static Pressure | Noise<br>Level | PQ        | UL    |
|----------------------|---------------|------------------|-------|----------------|---------------|-------------|---------------------|----------------|-----------|-------|
|                      | VAC           | VAC              | Hz    | Watt           | RPM           | CFM         | m3/min              | Inch/H2O       | mm        | db(A) |
| Model No             |               |                  |       |                |               |             |                     |                |           |       |
| PFA190RAN11-2WB (72) | 115           | 100~120          | 50/60 | 58/80          | 2800/3200     | 280/320     | 7.9/9.1             | 1.5/2.0        | 38.1/50.8 | 70/73 |
| PFA190RAN22-2WB (72) | 230           | 200~240          | 50/60 | 58/80          | 2800/3200     | 280/320     | 7.9/9.1             | 1.5/2.0        | 38.1/50.8 | 70/73 |

- \*\* = "WB" for wire leads type, Ball bearing
- 100, 200, 240V or special voltages 12, 24, 28, 38, 42, 48, 380~440~480... 50/60Hz, & dual voltage version available on request.
- Dual speed High/Medium 1/2, High/Low 1/3, Medium/Low 2/3, Low/extra Low 3/4 or triple speed 1/2/3 available on request.
- Sinwan reserves the right to change data and improve electrical or mechanical design without notice, data tolerance +-10%

#### Motor

Motor Type: Outer rotor, Capacitor induction

Burnout Protection: Thermally protected

IP Protection: IP54

#### Mechanical

Frame: Aluminum die cast, Natural color

Impeller: Impeller & flange glassfiber reinforced PA66

Bearing: Ball bearing

Rotation: CW seen on rotor

Connection: Wire leads (UL1015, #22AWG)

Weight: 1,820g

#### Electronical

Dielectric Strength: Over 1 min, at 1,500VAC, 0.5mA, 50/60Hz

Insulation Resistance: Over 100MΩ at DC 500V

Signal Output: Optional: RD Rotation Detector, FG Frequency Generator

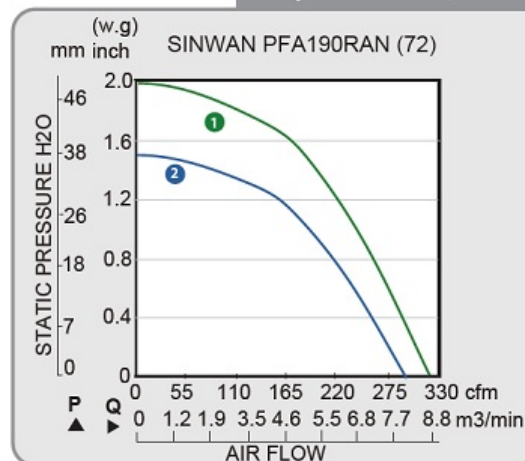
#### Environment

Operating Temp: -20C~+70C

Storage Temp: -40C~+80C (at 65%RH)

Life Expectancy: L10 70K hours at 25C

#### Performance P-Q Curves



Nomenclature

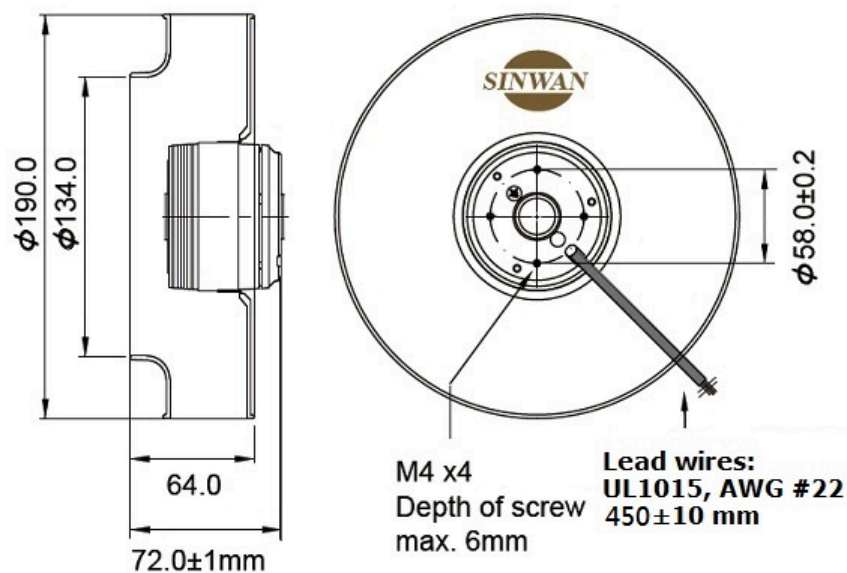


F/G Tach



R/D Alarm

► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring  
DR1719SN