



·AC· PFA17RAN (68)



**Dia.175x67mm/ 6.9x2.6 inch**  
**Max. 285 CFM**

Sinwan AC Centrifugal Fan, UL/ CUL approved, IP56

| Model No                               | Rated Volt VAC | Voltage Range VAC  | Freq Hz | Input Power Watt     | Ref. Speed RPM         | Max.Airflow CFM    | m3/min             | Max.Static Pressure Inch/H2O | mm                         | Noise Level db(A) | PQ         |
|----------------------------------------|----------------|--------------------|---------|----------------------|------------------------|--------------------|--------------------|------------------------------|----------------------------|-------------------|------------|
| PFA17RAN11-1** (68)                    | 115            | 100~120            | 50/60   | 60/80                | 2650/3050              | 245/285            | 6.9/8.1            | 1.1/1.4                      | 27.94/35.56                | 68                | 2/1        |
| PFA17RAN11-2** (68)                    | 115            | 100~120            | 50/60   | 55/65                | 2300/2400              | 225/235            | 6.4/6.7            | 0.79/0.84                    | 20.07/21.34                | 59                | 4/3        |
| PFA17RAN11-3** (68)                    | 115            | 100~120            | 50/60   | 20/30                | 1550/1600              | 145/155            | 4.1/4.4            | 0.53/0.59                    | 13.46/14.99                | 42                | 6/5        |
| PFA17RAN11-4** (68)                    | 115            | 100~120            | 50/60   | 18/15                | 1250/1100              | 118/105            | 3.3/3              | 0.43/0.41                    | 10.92/10.41                | 31                | 8/7        |
| PFA17RAN11-1/2** (68)<br>dual speed    | 115            | 100~120            | 50/60   | -1 60/80<br>-2 55/65 | 2800/3250<br>2500/2500 | 259/300<br>231/231 | 7.3/8.5<br>6.5/6.5 | 1.2/1.5<br>0.85/0.85         | 30.48/38.1<br>21.59/21.59  | 68<br>59          | 2/1<br>4/3 |
| PFA17RAN11-3/4** (68)<br>dual speed    | 115            | 100~120            | 50/60   | -3 20/30<br>-4 18/15 | 1500/1600<br>1200/1100 | 145/155            | 4.1/4.4            | 0.53/0.59<br>0.43/0.41       | 13.46/14.99<br>10.92/10.41 | 42<br>31          | 6/5<br>8/7 |
| PFA17RAN22-1** (68)                    | 230            | 200~240            | 50/60   | 60/80                | 2650/3050              | 245/285            | 6.9/8.1            | 1.1/1.4                      | 27.94/35.56                | 68                | 2/1        |
| PFA17RAN22-2** (68)                    | 230            | 200~240            | 50/60   | 55/65                | 2350/2450              | 225/235            | 6.4/6.7            | 0.8/0.85                     | 20.32/21.59                | 59                | 4/3        |
| PFA17RAN22-3** (68)                    | 230            | 200~240            | 50/60   | 20/30                | 1550/1600              | 145/155            | 4.1/4.4            | 0.53/0.59                    | 13.46/14.99                | 42                | 6/5        |
| PFA17RAN22-4** (68)                    | 230            | 200~240            | 50/60   | 18/15                | 1250/1100              | 118/105            | 3.3/3              | 0.43/0.41                    | 10.92/10.41                | 31                | 8/7        |
| PFA17RAN22-1/2** (68)<br>dual speed    | 230            | 200~240            | 50/60   | -1 60/80<br>-2 55/65 | 2650<br>3000           | 245/283            | 6.9/8              | 1.1/1.3                      | 27.94/33.02                | 68<br>67          | 2/1<br>4/3 |
| PFA17RAN22-3/4** (68)<br>dual speed    | 230            | 200~240            | 50/60   | -3 20/30<br>-4 18/15 | 1550/1600<br>1250/1100 | 145/155<br>118/105 | 4.1/4.4<br>3.3/3   | 0.53/0.59<br>0.43/0.41       | 13.46/14.99<br>10.92/10.41 | 42<br>31          | 6/5<br>8/7 |
| PFA17RAN11/22-1** (68)<br>dual voltage | 115 /230       | 100~120<br>200~240 | 50/60   | 60/80                | 2650/3150              | 243/283            | 6.9/8              | 1.1/1.4                      | 27.94/35.56                | 68                | 2/1        |
| PFA17RAN8-1** (68)                     | 48             | 38~58              | 50/60   | 60/80                | 2600/3000              | 240/280            | 6.8/7.9            | 1.1/1.3                      | 27.94/33.02                | 67                | 2/1        |
| PFA17RAN44-1** (68)                    | 380~440        | 380~480            | 50/60   | 60/80                | 2600/3000              | 240/280            | 6.8/7.9            | 1.1/1.3                      | 27.94/33.02                | 67                | 2/1        |

- \*\* = "WB" for wire leads type, Ball bearing, or "TB" for terminal block connecting 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: Sinwan MEA180G, UL/CUL E329400, IP56  
Burnout Protection: Thermal protector, auto cutoff, auto reset  
IP Protection: IP68

#### Mechanical

Frame: Motor frame aluminum die casting, impeller flange galvanized steel sheet SECC  
Impeller: 9 blades, glass-fiber reinforced PA66, UL94V-0, welded on steel impeller flange  
Bearing: Maintenance-free 2 ball bearings  
Rotation: CW seen on rotor  
Connection: Standard Wire leads. Terminals block connecting one request  
Weight: 1.49Kgs/3.28Lbs

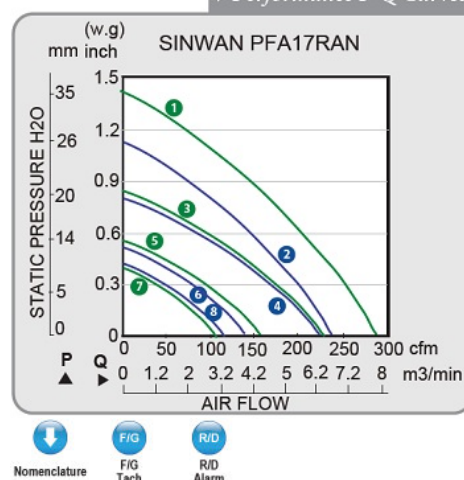
#### Electronical

Dielectric Strength: Over 1 minute at 1,500VAC, 0.5mA, 50/60Hz  
Insulation Resistance: Over 100M Ohm at DC 500V  
Signal Output: Alarm R/D, Tacho F/G function available on request

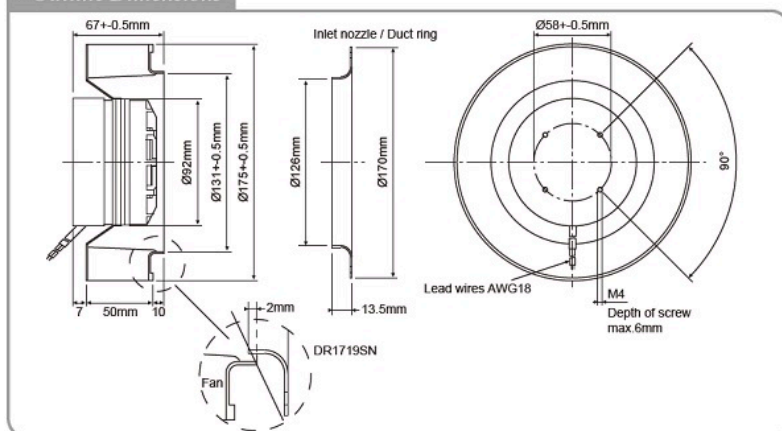
#### Environment

Operating Temp: -20 ~ +65C (non-condensing)  
Storage Temp: -40 ~ +100C (at humidity 70%RH)  
Life Expectancy: Life expectancy 90K hours at 35C, 35K hours at 65C on L10 Formula

#### Performance P-Q Curves



► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring  
DR1719SN