

.AC .M180GAN

# 176x176x89mm/7x3.5inch
# 380 CFM

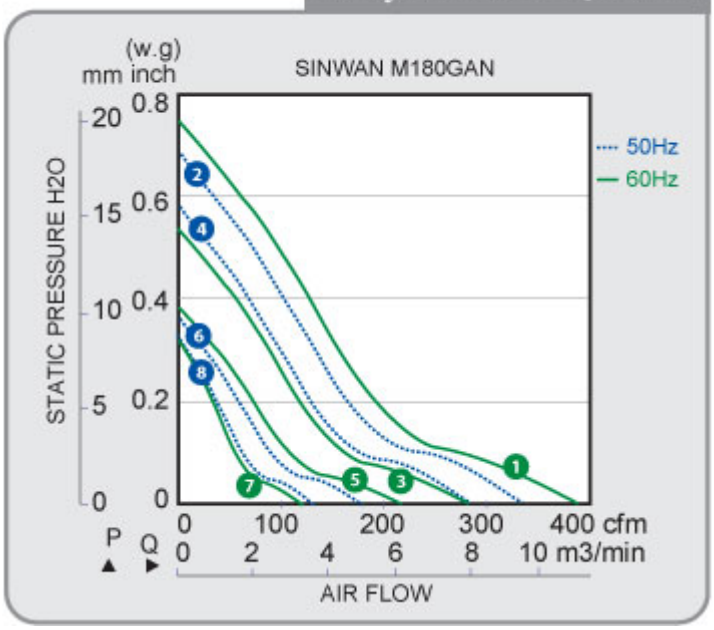
Sinwan AC Metal Impeller

| 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 | UL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M180GAN11-1** (100) | 100 | 100~120 | 50/60 | 60/80 | 2750/3250 | 330/380 | 9.3/10.8 | 0.69/0.76 | 17.53/19.3 | 63 | 2/1 | ☑ |
| M180GAN11-1** | 115 | 100~120 | 50/60 | 60/80 | 2750/3250 | 330/380 | 9.3/10.8 | 0.69/0.76 | 17.53/19.3 | 63 | 2/1 | ☑ |
| M180GAN11-2** | 115 | 100~120 | 50/60 | 55/65 | 2300/2100 | 285/275 | 8.1/7.8 | 0.59/0.53 | 14.99/13.46 | 52 | 4/3 | ☑ |
| M180GAN11-3** | 115 | 100~120 | 50/60 | 20/30 | 1450/1650 | 175/210 | 5/5.9 | 0.36/0.39 | 9.14/9.91 | 41 | 6/5 | ☑ |
| M180GAN11-4** | 115 | 100~120 | 50/60 | 18/25 | 1100/1150 | 130/120 | 3.7/3.4 | 0.33/0.32 | 8.38/8.13 | 37 | 8/7 | ☑ |
| M180GAN11-1/2** | 115 | 100~120 | 50/60 | -1 60/80 | 2750/3250 | 330/380 | 9.3/10.8 | 0.69/0.76 | 17.53/19.3 | 63 | 2/1 | ☑ |
| dual speed | | | | -2 55/65 | 2300/2100 | 285/275 | 8.1/7.8 | 0.59/0.53 | 14.99/13.46 | 52 | 4/3 | |
| M180GAN11-3/4** | 115 | 100~120 | 50/60 | -3 20/30 | 1450/1650 | 175/210 | 5/5.9 | 0.36/0.39 | 9.14/9.91 | 41 | 6/5 | ☑ |
| dual speed | | | | -4 18/25 | 1100/1000 | 130/120 | 3.7/3.4 | 0.33/0.32 | 8.38/8.13 | 37 | 8/7 | |
| M180GAN22-1** (200) | 200 | 200~240 | 50/60 | 60/80 | 2750/3250 | 330/380 | 9.3/10.8 | 0.69/0.76 | 17.53/19.3 | 63 | 2/1 | ☑ |
| M180GAN22-1** | 230 | 200~240 | 50/60 | 60/80 | 2750/3250 | 330/380 | 9.3/10.8 | 0.69/0.76 | 17.53/19.3 | 63 | 2/1 | ☑ |
| M180GAN22-2** | 230 | 200~240 | 50/60 | 55/65 | 2300/2100 | 285/275 | 8.1/7.8 | 0.59/0.53 | 14.99/13.46 | 52 | 4/3 | ☑ |
| M180GAN22-3** | 230 | 200~240 | 50/60 | 20/30 | 1450/1650 | 175/210 | 5/5.9 | 0.36/0.39 | 9.14/9.91 | 41 | 6/5 | ☑ |
| M180GAN22-4** | 230 | 200~240 | 50/60 | 18/25 | 1100/1000 | 130/120 | 3.7/3.4 | 0.33/0.32 | 8.38/8.13 | 37 | 8/7 | ☑ |
| M180GAN22-1/2** | 230 | 200~240 | 50/60 | -1 60/80 | 2750/3250 | 330/380 | 9.3/10.8 | 0.69/0.76 | 17.53/19.3 | 63 | 2/1 | ☑ |
| dual speed | | | | -2 55/65 | 2300/2100 | 285/275 | 8.1/7.8 | 0.59/0.53 | 14.99/13.46 | 52 | 4/3 | |
| M180GAN22-3/4** | 230 | 200~240 | 50/60 | -3 20/30 | 1450/1650 | 175/210 | 5/5.9 | 0.36/0.39 | 9.14/9.91 | 41 | 6/5 | ☑ |
| dual speed | | | | -4 18/25 | 1100/1000 | 130/120 | 3.7/3.4 | 0.33/0.32 | 8.38/8.13 | 37 | 8/7 | |
| M180GAN11/22-1** | 115 | 100~120 | 50/60 | 60/80 | 2750/3250 | 330/380 | 9.3/10.8 | 0.69/0.76 | 17.53/19.3 | 63 | 2/1 | ☑ |
| dual voltage | 230 | 200~240 | | | | | | | | | | |
| M180GAN8-1** | 48 | 48~58 | 50/60 | 60/80 | 2600/3000 | 330/378 | 9.3/10.7 | 0.67/0.74 | 17.02/18.8 | 62 | 2/1 | ☑ |
| M180GAN44-1**(380) | 380 | 380~440 | 50/60 | 60/80 | 2750/3250 | 330/380 | 9.3/10.8 | 0.69/0.76 | 17.53/19.3 | 63 | 2/1 | ☑ |
| M180GAN44-1** | 440 | 380~440 | 50/60 | 60/80 | 2750/3250 | 330/380 | 9.3/10.8 | 0.69/0.76 | 17.53/19.3 | 63 | 2/1 | ☑ |

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal 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%

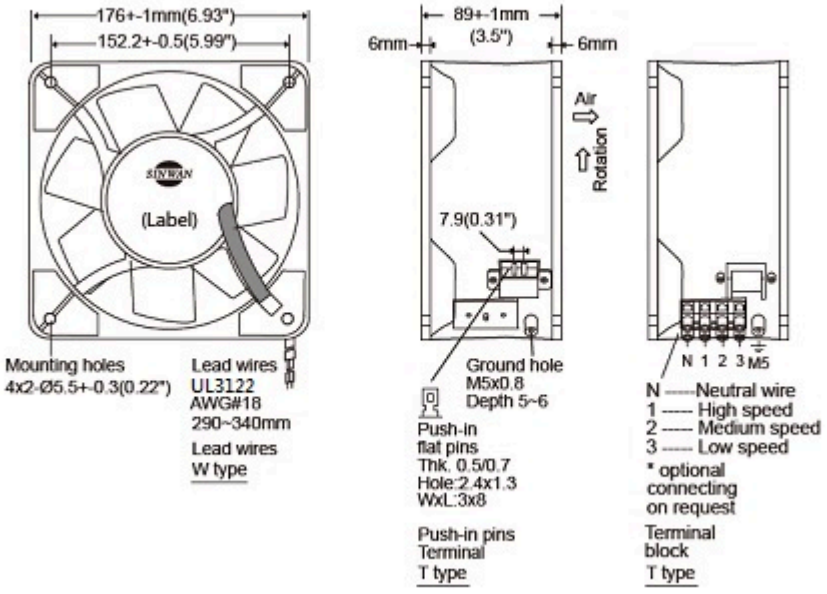
| | |
|---|---|
| **Motor** | |
| Motor Type: | Capacitor induction, outer rotor |
| Burnout Protection: | Thermally protected |
| IP Protection: | IP56, (IP68 Option) |
| **Mechanical** | |
| Frame: | Die Cast Aluminum, AN(natural) |
| Impeller: | all metal |
| Bearing: | Two ball bearings |
| Rotation: | CCW seen on rotor |
| Connection: | Lead wires or Terminals |
| Weight: | 1,850g (4.08Lbs) |
| **Electronical** | |
| Dielectric Strength: | 1,500VAC/min, 0.5mA, 50/60Hz |
| Insulation Resistance: | Over 100MΩ at DC 500V |
| Signal Output: | Option : FG, RD... |
| **Environment** | |
| Operating Temp: | -30C~+80C |
| Storage Temp: | -40C~+100C (at 65%RH) |
| Life Expectancy: | L10 50K hours at 55C |

## Performance P-Q Curves




Nomenclature | F/G Tach | R/D Alarm | Dual Voltage | Multiple Speed | IP Report

## Outline Dimensions




Related Products



Metal Fan Guard

G180-11

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