



·AC· PFA133RAN (68)



Dia.133x80mm/ 5.2x3.1 inch
Max. 165 CFM

Sinwan AC Centrifugal Fan, Motorized Impeller, Backward curved blades

Model No	Rated Volt	Voltage Range	Freq	Input Power	Ref. Speed	Max.Airflow	Max.Static Pressure	Noise Level	PQ	UL
PFA133RAN11-1** (68)	115 VAC	100~120 VAC	50/60 Hz	26/28 Watt	2800/3200 RPM	145/165 CFM 4.1/4.7 m3/min	0.59/0.82 Inch/H2O 14.99/20.83 mm	62/65 db(A)	2/1	☒
PFA133RAN22-1** (68)	230 VAC	200~240 VAC	50/60 Hz	23/27 Watt	2800/3200 RPM	145/165 CFM 4.1/4.7 m3/min	0.59/0.82 Inch/H2O 14.99/20.83 mm	62/65 db(A)	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:	Outer rotor, capacitor induction
Burnout Protection:	Thermally protected
IP Protection:	IP68

Mechanical

Frame:	Aluminum die cast, natural treatment
Impeller:	Impeller & flange glassfiber reinforced PA66
Bearing:	Maintenance-free 2 ball bearings
Rotation:	CW seen on rotor
Connection:	Wire leads
Weight:	800g

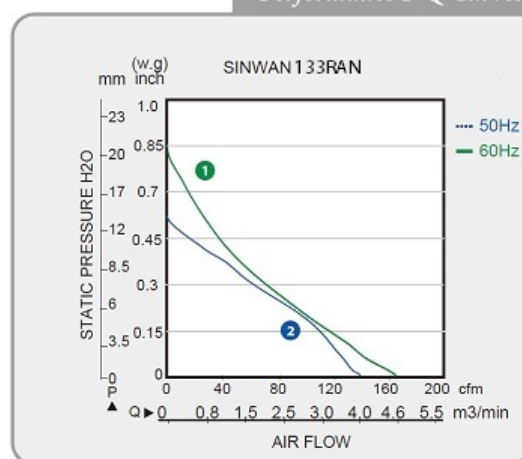
Electronical

Dielectric Strength:	Over 1 min. at 1,500 VAC, 0.5mA, 50/60Hz
Insulation Resistance:	Over 100M Ohm at DC 500V
Signal Output:	Optional: RD Rotation Detector, FG Frequency Generator

Environment

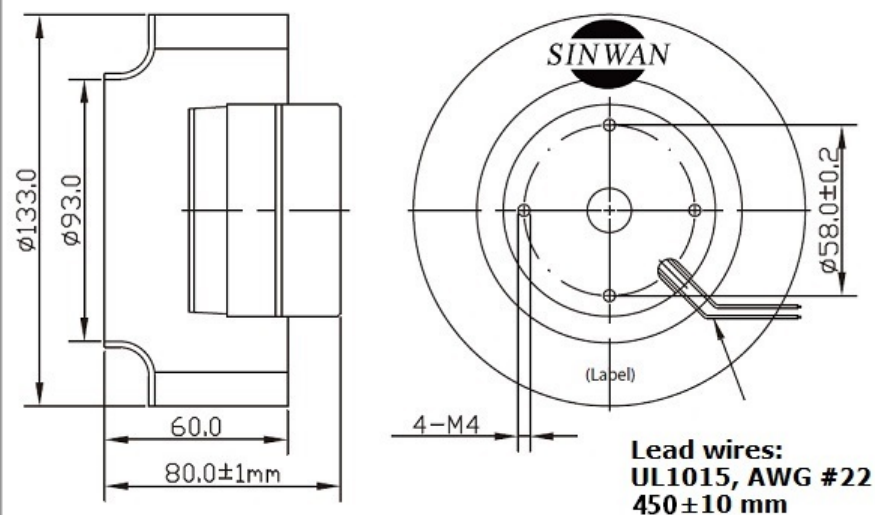
Operating Temp:	-20C~+75C
Storage Temp:	-40C~+80C (at 65%RH)
Life Expectancy:	L10 70K hours at 25C

► Performance P-Q Curves



Nomenclature **F/G Tach** **R/D Alarm**

► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR133SN