



·AC· PFA220RAN



Dia.220x76mm/8.7x3inch Max.560CFM

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
	VAC	VAC	Hz	Watt	RPM	CFM m3/min	Inch/H2O mm	db(A)		
PFA220RAN11-2**	115	100/120	50/60	82/115	2650/2950	500/560 14.2/15.9	1.6/2.15 40.64/54.61	73/75	2/1	✓
PFA220RAN11-4/5/6	115	100-120	50/60	-4 56/52 -5 35/34 -6 25/25	1200/1400 1150/1200 1050/1100	210/240 5.9/6.8 200/215 5.7/6.1 185/180 5.2/5.1	0.31/0.43 7.87/10.92 0.29/0.36 7.37/9.14 0.25/0.26 6.35/6.6	55/57 53/55 52/52		✓
PFA220RAN22-2**	230	200/240	50/60	82/115	2650/2950	500/560 14.2/15.9	1.6/2.15 40.64/54.61	73/75	2/1	✓
PFA220RAN22-4/5/6	230	200-240	50/60	-4 56/52 -5 35/34 -6 25/25	1200/1400 1150/1200 1050/1100	210/240 5.9/6.8 200/215 5.7/6.1 185/180 5.2/5.1	0.31/0.43 7.87/10.92 0.29/0.36 7.37/9.14 0.25/0.26 6.35/6.6	55/57 53/55 52/52		✓

- ** = "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 treatment
Impeller:	Impeller & flange glassfiber reinforced PA66
Bearing:	Ball bearing
Rotation:	CW seen on rotor
Connection:	Wire leads (UL1015, #22 AWG)
Weight:	1,980g

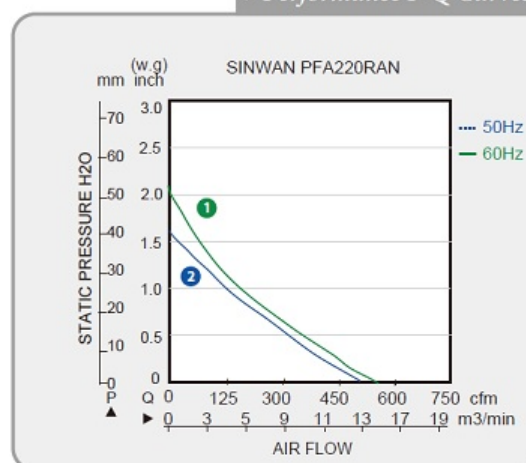
Electronical

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, FG

Environment

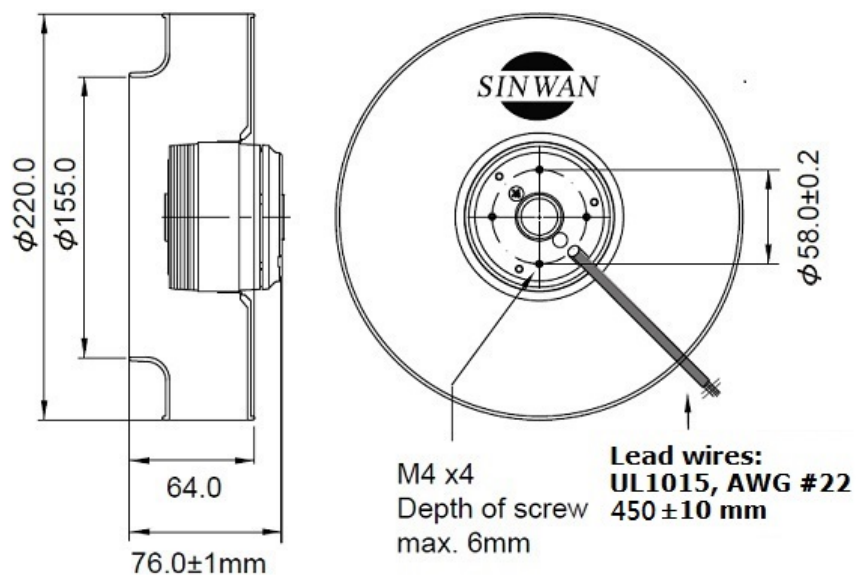
Operating Temp:	-20C~+70C
Storage Temp:	-40C~+80C (at 65%RH)
Life Expectancy:	L10 70K hours at 25C

Performance P-Q Curves



Nomenclature
 F/G Tach
 R/D Alarm

► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR2025SN