



·AC· PFA19RAN (68)



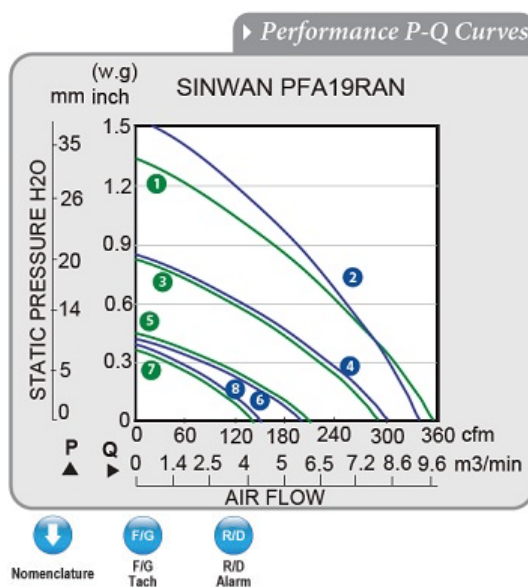
Dia.190x67mm/7.5x2.64inch
Max. 380CFM

Sinwan AC Centrifugal Fan, Motorized Impeller, Backward curved blades

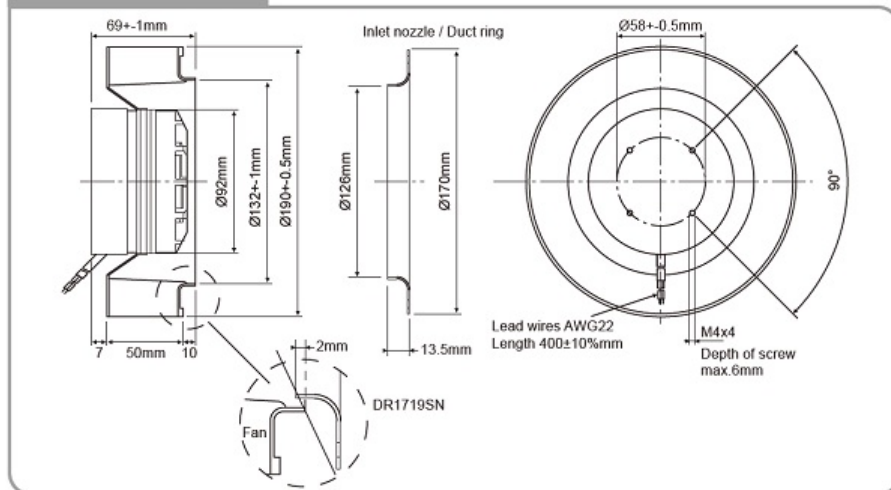
Model No	Rated Volt VAC	Voltage Range VAC	Freq Hz	Input Power Watt	Ref. Speed RPM	Max. Airflow CFM	m3/min	Max. Static Pressure Inch/H2O	mm	Noise Level db(A)	PQ
PFA19RAN11-1** (68)	115	100~120	50/60	60/80	2600/2800	335/360	9.5/10.2	1.71/1.33	43.43/33.78	61/62	2/1
PFA19RAN11-2** (68)	115	100~120	50/60	55/65	2300/2250	300/294	8.5/8.3	0.86/0.81	21.84/20.57	53/52	4/3
PFA19RAN11-3** (68)	115	100~120	50/60	20/30	1600/1650	221/222	6.3/6.3	0.43/0.45	10.92/11.43	46/47	6/5
PFA19RAN11-4** (68)	115	100~120	50/60	18/25	1200/1100	158/153	4.5/4.3	0.41/0.38	10.41/9.65	38/37	8/7
PFA19RAN11-1/2** (68) dual speed	115	100~120	50/60	-1 60/80 -2 55/65	2600/2800 2300/2250	340/380 300/294	9.6/10.8 8.5/8.3	1.05/1.33 0.86/0.81	26.67/33.78 21.84/20.57	61/62 53/52	2/1 4/3
PFA19RAN11-3/4** (68) dual speed	115	100~120	50/60	-1 20/30 -2 18/25	1650/1700 1200/1100	221/223 158/153	6.3/6.3 4.5/4.3	0.43/0.45 0.41/0.38	10.92/11.43 10.41/9.65	46/47 38/37	6/5 8/7
PFA19RAN22-1** (68)	230	200~240	50/60	60/80	2600/2800	335/360	9.5/10.2	1.71/1.33	43.43/33.78	61/62	2/1
PFA19RAN22-2** (68)	230	200~240	50/60	55/65	2300/2250	300/294	8.5/8.3	0.86/0.81	21.84/20.57	53/52	4/3
PFA19RAN22-3** (68)	230	200~240	50/60	20/30	1650/1700	223/226	6.3/6.4	0.43/0.45	10.92/11.43	46/47	6/5
PFA19RAN22-4** (68)	230	200~240	50/60	18/25	1200/1100	158/153	4.5/4.3	0.41/0.38	10.41/9.65	38/37	8/7
PFA19RAN22-1/2** (68) dual speed	230	200~240	50/60	-1 60/80 -2 55/65	2600/2800 2300/2250	335/360 300/294	9.5/10.2 8.5/8.3	1.71/1.33 0.86/0.81	43.43/33.78 21.84/20.57	61/62 53/52	2/1 4/3
PFA19RAN22-3/4** (68) dual speed	230	200~240	50/60	-3 20/30 -4 18/25	1650/1700 1200/1100	221/223 158/153	6.3/6.3 4.5/4.3	0.43/0.45 0.41/0.38	10.92/11.43 10.41/9.65	46/47 38/37	6/5 8/7
PFA19RAN11/22-1** (68) dual voltage	115/ 230	100~120 200~240	50/60	60/80	2600/2800	335/360	9.5/10.2	1.71/1.33	43.43/33.78	61/62	2/1
PFA19RAN44-1** (68)	380/ 440	300~480	50/60	60/80	2600/2800	300/294	8.5/8.3	1.71/1.33	43.43/33.78	61/62	2/1
PFA19RAN44-1/2** (68) dual speed	380/ 440	300~480	50/60	60/80 55/65	2600/2800 2300/2250	335/360 300/294	9.5/10.2 8.5/8.3	1.71/1.33 0.86/0.81	43.43/33.78 21.84/20.57	61/62	2/1 4/3

- ** = "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:	Thermal protector, auto cutoff & reset
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 or, terminals block on request
Weight:	1210g (2.7pounds)
Electronical	
Dielectric Strength:	Over 1 min. at 1,500 VAC, 0.5mA, 50/60Hz
Insulation Resistance:	Over 100M Ohm at DC 500V
Signal Output:	Alarm R/D, Tacho F/G on request
Environment	
Operating Temp:	-20C~+75C
Storage Temp:	-35 ~ +100C
Life Expectancy:	90K hours at 35C, 35K hours at 65C L10



► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR1719SN