



·AC· PFA17GAN



Dia.175x85mm/6.9x3.4inch
Max.300CFM

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		
PFA17GAN11-1**	115	100~120	50/60	60/80	2700/3200	255/300 7.2/8.5	1.3/1.6 33.02/40.64	69	2/1		
PFA17GAN11-2**	115	100~120	50/60	55/65	2350/2450	225/235 6.4/6.7	0.81/0.85 20.57/21.59	60	4/3		
PFA17GAN11-3**	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		
PFA17GAN11-4**	115	100~120	50/60	18/15	1250/1100	118/112 3.3/3.2	0.43/0.41 10.92/10.41	33	8/7		
PFA17GAN11-1/2** dual speed	115	100~120	50/60	-1 60/80 -2 55/65	2700/3100 2300/2400	250/295 6.3/6.6	1.3/1.6 0.8/0.83	33.02/40.64 20.32/21.08	68 58	2/1 4/3	
PFA17GAN11-3/4** dual speed	115	100~120	50/60	-3 20/30 -4 18/15	1500/1600 1200/1100	143/154 116/112	4/4.4 3.3/3.2	0.52/0.59 0.41/0.4	13.21/14.99 10.41/10.16	41 33	6/5 8/7
PFA17GAN22-1**	230	200~240	50/60	60/80	2700/3200	255/300 7.2/8.5	1.3/1.6 33.02/40.64	69	2/1		
PFA17GAN22-2**	230	200~240	50/60	55/65	2350/2450	225/235 6.4/6.7	0.81/0.85 20.57/21.59	60	4/3		
PFA17GAN22-3**	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		
PFA17GAN22-4**	230	200~240	50/60	18/15	1200/1100	116/112 3.3/3.2	0.42/0.4 10.67/10.16	32	8/7		
PFA17GAN22-1/2** dual speed	230	200~240	50/60	-1 60/80 -2 55/65	2700/3100 2300/2400	155/298 6.3/6.6	1.3/1.5 0.81/0.84	33.02/38.1 20.57/21.34	69 60	2/1 4/3	
PFA17GAN22-3/4** dual speed	230	200~240	50/60	-3 20/30 -4 18/15	1550/1600 1200/1100	143/153 116/112	4/4.3 3.3/3.2	0.53/0.59 0.42/0.4	13.46/14.99 10.67/10.16	42 33	6/5 8/7
PFA17GAN11/22-1** dual voltage	115 /230	100~120 200~240	50/60	60/80	2700/3200	255/300 7.2/8.5	1.3/1.6 33.02/40.64	69	2/1		
PFA17GAN8-1**	48	38~58	50/60	60/80	2650/3000	248/295 7/8.4	1.2/1.4 30.48/35.56	67	2/1		
PFA17GAN44-1**	380/440	380~480	50/60	60/80	2700/3150	255/296 7.2/8.4	1.3/1.5 33.02/38.1	68	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: Thermally protected, auto cutoff, auto reset
IP Protection: IP56 certified

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: 1.6Kgs/3.3Lbs

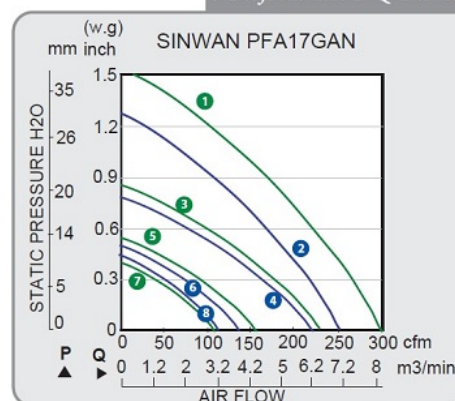
Electrical

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 motor slow down, Tacho F/G function available on request

Environment

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

Performance P-Q Curves

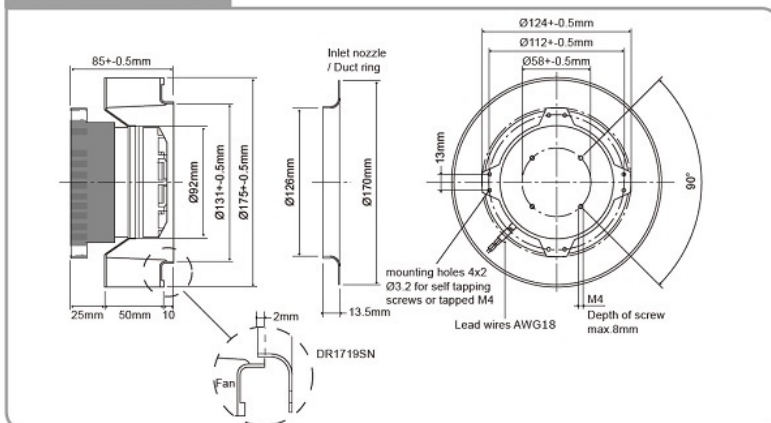


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Nomenclature

F/G
Tach

R/D
Alarm

► **Outline Dimensions**



Relevant products



Inlet nozzle/Duct ring
DR1719SN