



·AC· PFA17GAN (68)



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** (68)	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** (68)	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** (68)	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** (68)	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** (68) dual speed	115	100~120	50/60	-1 60/80 -2 55/65	2700/3100 2300/2400	250/295 224/233	7.1/8.4 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** (68) 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** (68)	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** (68)	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** (68)	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** (68)	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** (68) dual speed	230	200~240	50/60	-1 60/80 -2 55/65	2700/3100 2300/2400	155/298 224/233	4.4/8.4 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** (68) 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** (68) 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** (68)	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** (68)	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:	Thermal protector, auto cutoff, auto reset
IP Protection:	IP68

Mechanical

Frame:	Motor frame aluminun 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

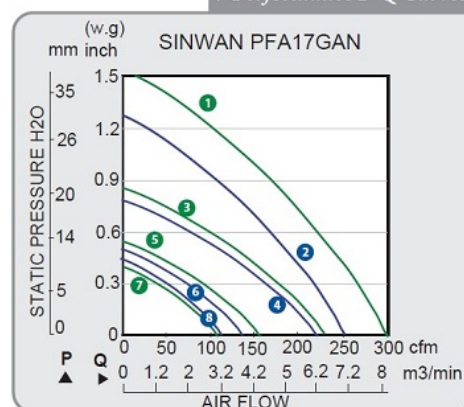
Electronical

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

► Performance P-Q Curves



Nomenclature
 F/G Tach
 R/D Alarm

