



·AC· PFA17RAN



Dia.175x67mm/ 6.9x2.6inch
Max.285CFM

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
PFA17RAN11-1**	115	100~120	50/60	60/80	2650/3050	245/285	6.9/8.1	1.1/1.4	27.94/35.56	68	2/1
PFA17RAN11-2**	115	100~120	50/60	55/65	2300/2400	225/235	6.4/6.7	0.79/0.84	20.07/21.34	59	4/3
PFA17RAN11-3**	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
PFA17RAN11-4**	115	100~120	50/60	18/15	1250/1100	118/105	3.3/3	0.43/0.41	10.92/10.41	31	8/7
PFA17RAN11-1/2**	115	100~120	50/60	-1 60/80 -2 55/65 -3 20/30	2800/3250 2500/2500 1500/1600	259/300 231/231 145/155	7.3/8.5 6.5/6.5 4.1/4.4	1.2/1.5 0.85/0.85 0.53/0.59	30.48/38.1 21.59/21.59 13.46/14.99	68 59 42	2/1 4/3 6/5
PFA17RAN11-3/4**	115	100~120	50/60	-4 18/15	1200/1100	118/105	3.3/3	0.43/0.41	10.92/10.41	31	8/7
PFA17RAN22-1**	230	200~240	50/60	60/80	2650/3050	245/285	6.9/8.1	1.1/1.4	27.94/35.56	68	2/1
PFA17RAN22-2**	230	200~240	50/60	55/65	2350/2450	225/235	6.4/6.7	0.8/0.85	20.32/21.59	59	4/3
PFA17RAN22-3**	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
PFA17RAN22-4**	230	200~240	50/60	18/15	1250/1100	118/105	3.3/3	0.43/0.41	10.92/10.41	31	8/7
PFA17RAN22-1/2**	230	200~240	50/60	-1 60/80 -2 55/65 -3 20/30	2650 3000 1550/1600	245/283 225/235 145/155	6.9/8 6.4/6.7 4.1/4.4	1.1/1.3 0.79/0.84 0.53/0.59	27.94/33.02 20.07/21.34 13.46/14.99	68 67 42	2/1 4/3 6/5
PFA17RAN22-3/4**	230	200~240	50/60	-418/15	1250/1100	118/105	3.3/3	0.43/0.41	10.92/10.41	31	8/7
PFA17RAN11/22-1**	115	100~120	50/60	60/80	2650/3150	243/283	6.9/8	1.1/1.4	27.94/35.56	68	2/1
PFA17RAN8-1**	48	38~58	50/60	60/80	2600/3000	240/280	6.8/7.9	1.1/1.3	27.94/33.02	67	2/1
PFA17RAN44-1**	380~440	380~480	50/60	60/80	2600/3000	240/280	6.8/7.9	1.1/1.3	27.94/33.02	67	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: IP56 certified

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: 1.49Kgs/3.28Lbs

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, Tacho F/G function availabile on request

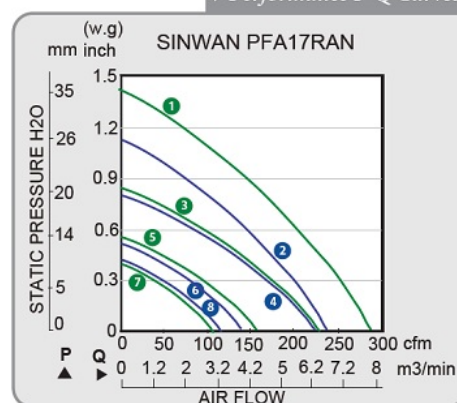
Environment

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

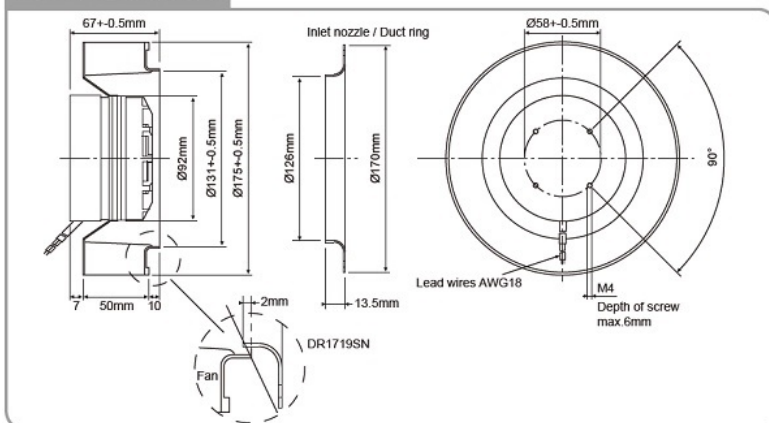


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Nomenclature

F/G
Tach

R/D
Alarm

► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR1719SN