



·AC· M200RAN (HR)



200x220x70mm/7.8x2.8inch 485 CFM

Sinwan AC Metal Impeller, Reverse Airflow

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
M200RAN11-1** (100)	100	100~120	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	68	2/1
M200RAN11-1**	115	100~120	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	68	2/1
M200RAN11-2**	115	100~120	50/60	80/95	2400/2600	365/395	10.3/11.2	0.68/0.75	17.27/19.05	54	4/3
M200RAN11-3**	115	100~120	50/60	32/40	1600/1500	245/230	6.9/6.5	0.46/0.42	11.68/10.67	43	6/5
M200RAN11-4**	115	100~120	50/60	24/33	1200/1100	190/160	5.4/4.5	0.35/0.30	8.89/7.62	35	8/7
M200RAN11-1/2** dual speed	115	100~120	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	68	2/1
M200RAN11-3/4** dual speed	115	100~120	50/60	80/95	2400/2600	365/395	10.3/11.2	0.68/0.75	17.27/19.05	54	4/3
M200RAN22-1** (200)	200	200~240	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	68	2/1
M200RAN22-1**	230	200~240	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	68	2/1
M200RAN22-2**	230	200~240	50/60	80/95	2400/2600	365/395	10.3/11.2	0.68/0.75	17.27/19.05	54	4/3
M200RAN22-3**	230	200~240	50/60	32/40	1600/1500	245/230	6.9/6.5	0.46/0.42	11.68/10.67	43	6/5
M200RAN22-4**	230	200~240	50/60	24/33	1200/1100	190/160	5.4/4.5	0.35/0.30	8.89/7.62	35	8/7
M200RAN22-1** (240)	240	200~260	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	66	2/1
M200RAN22-1/2** dual speed	230	200~240	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	68	2/1
M200RAN22-3/4** dual speed	230	200~240	50/60	80/95	2400/2600	365/395	10.3/11.2	0.68/0.75	17.27/19.05	54	4/3
M200RAN11/22-1** dual voltage	115	100~120	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	68	2/1
M200RAN2-1**	12	12~14	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	66	2/1
M200RAN4-1**	24	24~28	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	66	2/1
M200RAN6-1**	28	28~34	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	66	2/1
M200RAN8-1**	48	48~58	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	66	2/1
M200RAN38-1**	380	380~420	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	66	2/1
M200RAN44-1**	440	440~480	50/60	95/105	2800/3300	430/485	12.2/13.7	0.82/0.93	20.83/23.62	66	2/1

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal 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:	Capacitor induction, outer rotor, 1-phase
Burnout Protection:	Thermal protector
IP Protection:	IP56, IP68

Mechanical

Frame:	Aluminum die cast, natural color(AN)
Impeller:	7 blades, all metal
Bearing:	Two ball bearings
Rotation:	CCW seen on rotor
Connection:	Wire lead or terminal flat pin connecting
Weight:	2,100g

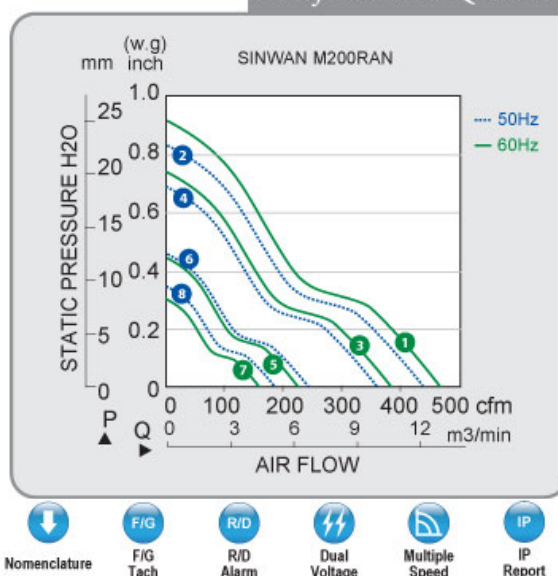
Electronical

Dielectric Strength:	Over 1 min. at 1,500 VAC, 0.5mA, 50/60 Hz
Insulation Resistance:	Over 100 MΩ at DC 500V
Signal Output:	Optional:R/D alarm output, tachometer output F/G

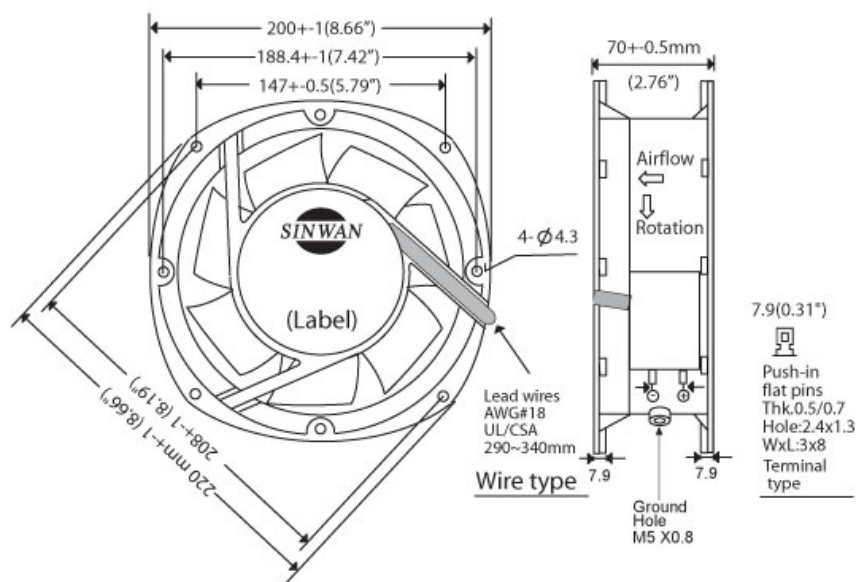
Environment

Operating Temp:	Ambient non-condensing -30~+80C
Storage Temp:	-40C~+100C (at 65%RH)
Life Expectancy:	L10 50K hours at 55C

Performance P-Q Curves



► Outline Dimensions



Relevant products

