

·EC· MFE280WAN



Dia.281.0x201.5mm/11x7.9inch
1600CFM

Motorized Impeller, Backward curved blades

Model No	Rated Volt VAC	Voltage Range VAC	Input Power Watt	Rated Current Amp	Ref. Speed RPM	Max. Airflow CFM	m3/min	Max. Static Pressure Inch/H2O	mm	Noise Level db(A)	PQ Curves	UL
MFE280WAN-11-SHWB	115	92~138	500	7.5	3000	1600	45.3	3.54	89.92	80	☒	☒
MFE280WAN-22-SHWB	230	184~276	500	3.4	3000	1600	45.3	3.54	89.92	80	☒	☒

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor

Motor Type: AC-DC Energy Saving EC Motor

Burnout Protection: Electronically protected

IP Protection: IP42, IP54 (Optional)

Mechanical

Frame: Aluminum die casting motor frame

Impeller: Aluminum alloy metal fan blades & flange

Bearing: Two ball bearings

Rotation: CW seen on rotor

Connection: Wire leads

Weight: 4500g

Electronical

Dielectric Strength: 1500VAC/min, Max leakage 10mA

Speed Control: Optional: PWM, S/C NTC thermister

Signal Output: Optional: RD Rotation Detactor, FG Frequency Generator

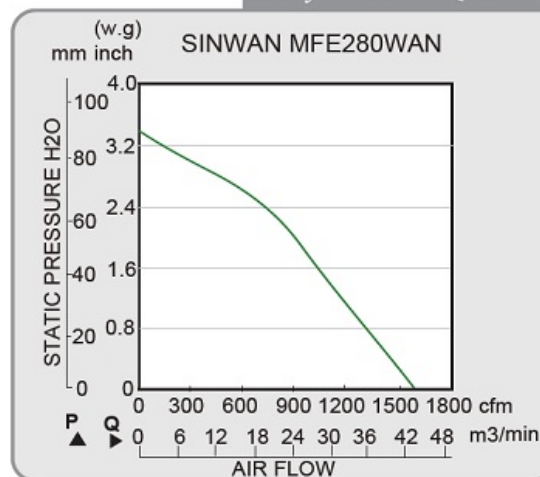
Environment

Operating Temp: -20C~+65C

Storage Temp: -20C~+75C (at 65%RH0

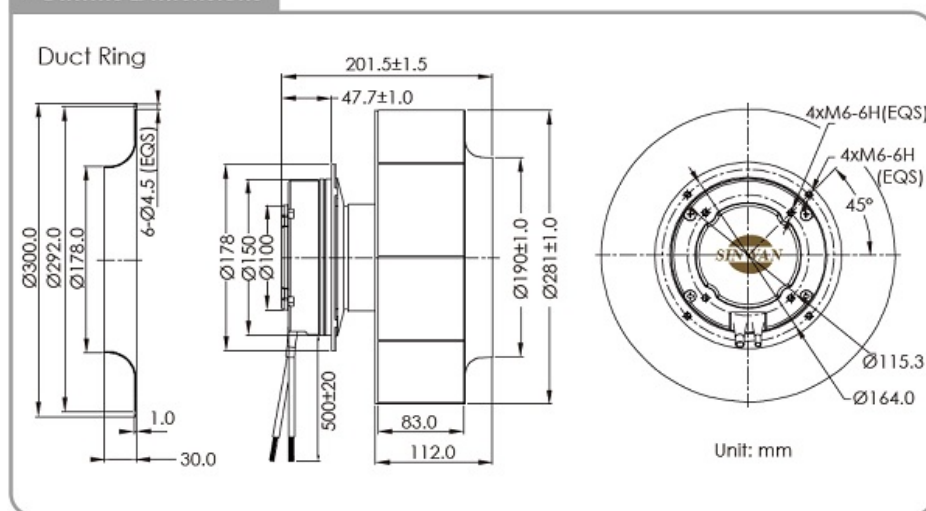
Life Expectancy: L10 70K hours at 40C

► Performance P-Q Curves



Nomenclature

► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR280SN (EC)