

·EC· MFE280UAN



Dia.281x154.5mm/11x6inch
1100CFM

Sinwan EC Motor

Model No	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max.Airflow		Max.Static Pressure		Noise Level	PQ Curves
	VAC	VAC	Watt	Amp	RPM	CFM	m3/min	Inch/H2O	mm	db(A)	
MFE280UAN-11-HHWP	115	92~138	130	2.0	1900	1100	31.1	2.0	50.8	70	
MFE280UAN-22-HHWP	230	184~265	130	1.0	1900	1100	31.1	2.0	50.8	70	

- ** = "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: 2850g

Electronical

Dielectric Strength: 1400VAC/min, Max leakage 10mA

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

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

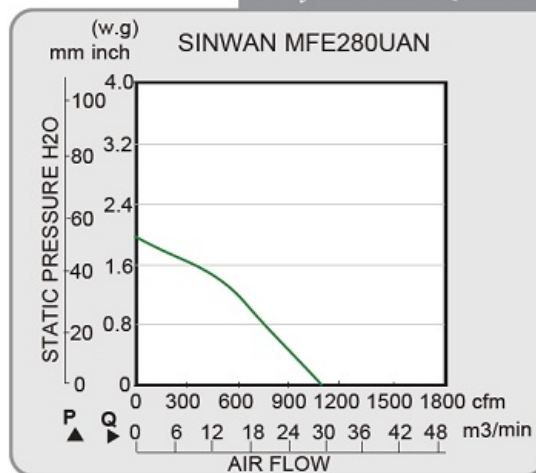
Environment

Operating Temp: -20C~+65C

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

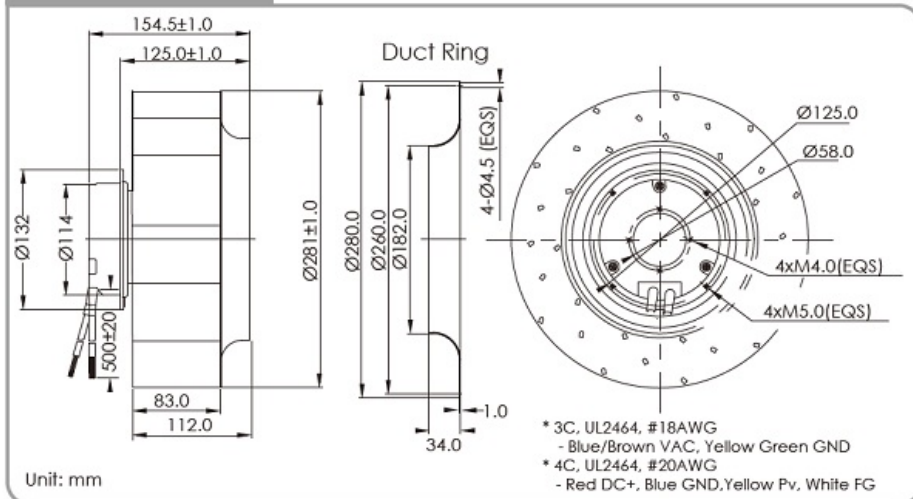
Life Expectancy: L10 70K hours at 40C

► Performance P-Q Curves



Nomenclature

► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR280SN (EC)