



·EC· MFE310WAN



Dia.316x198mm/12.4x7.8inch
1900CFM

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
MFE310WAN11-HHHWB	115	92~138	440	-	2400	1900	53.8	3.46	87.88	75		☒
MFE310WAN22-HHHWB	230	184~276	440	-	2400	1900	53.8	3.46	87.88	75		☒

- ** = "WB" for wire lead 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: IP54 (Optional)

Mechanical

Frame: Aluminum die casting motor frame

Impeller: Aluminum alloy metal fan blades & flange

Bearing: Two ball bearings

Rotation: Counter-clockwise viewed from Inlet

Connection: Wire leads

Weight: 4800g

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

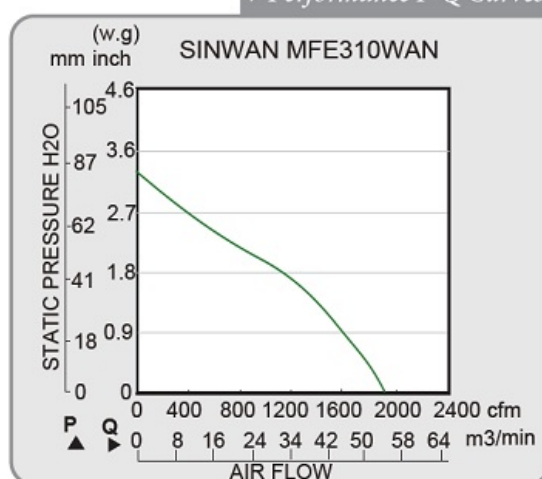
Environment

Operating Temp: -20C~+65C

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

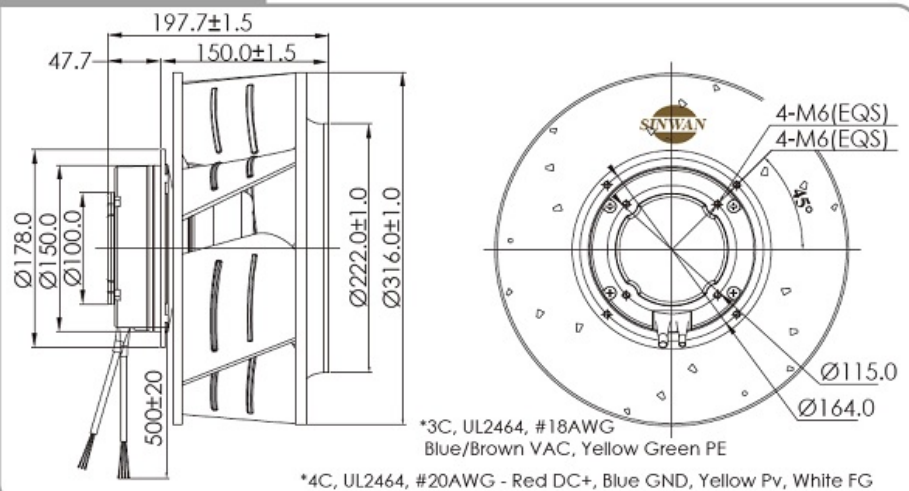
Life Expectancy: L10 70K hours at 40C

► Performance P-Q Curves



Nomenclature

Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR310SN