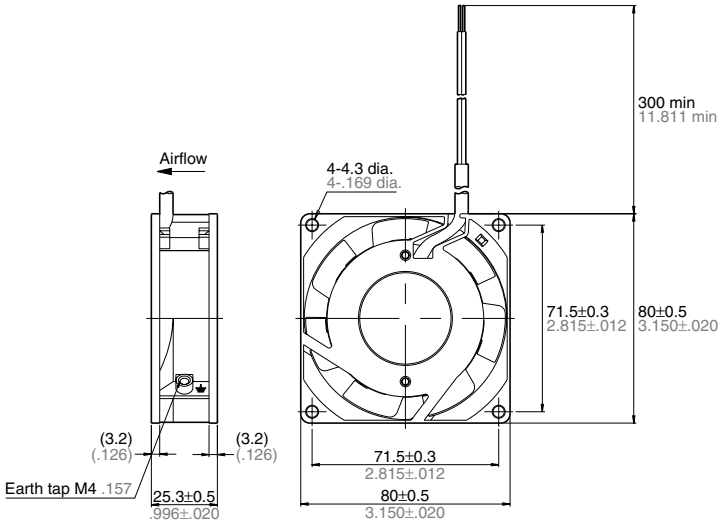
Panasonic
ideas for life

AC Fan Motor

80 sq.×25t (ASEN8)

NEW

DIMENSIONS (mm inch)



RoHS Directive compatibility information
http://www.mew.co.jp/ac/e/environment/

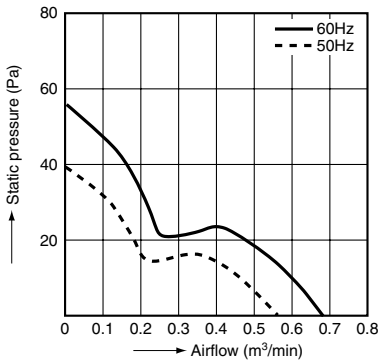
RATING

Lead wire type, Standard speed

Part number	Rated voltage (V)	Frequency (Hz)	Input power, $^{+10}_{-20}$% (W)	Rated current*1 (mA)	Locked current*3 (mA)	Rotation speed*2 (r/min)	Max. air flow*2 (m³/min)	Max. static pressure*2 (Pa)	Noise*3 (dB(A))	Operating voltage range (V) (%)	Weight (kg)
ASEN80214	200	50/60	7/6	60/50	70/60	2500/3000	0.57/0.68	39.0/55.0	24/31 (28.5/35.5)	±10	0.24
ASEN80216	230		7.5/6.5	50/45	60/55						

*1: Designates maximum values, *2: Designates minimum values, *3: Designates average values
Notes: 1. Values above without designations are averages.
2. Noise level was measured at a distance of 1 m from side of fan. Values in brackets were measured at a distance of 1 m from front of fan.

DATA (Airflow - Static pressure Characteristic Curve)



MATERIALS USED

Frame: aluminum alloy die-casting
Propeller: plastic
Bearings: ball bearings
Lead wires: UL3266 and AWG22

Label: 200 V class...red base

SPECIFICATIONS

Ambient temperature		–10°C to +60°C +14°F to +140°F
Ambient humidity		15 to 85%RH
Storage temperature		–20°C to +70°C –4°F to +158°F
Breakdown voltage		1,500 V AC for 1 min. (between charging section and frame)
Insulation resistance		Min. 100MΩ (at 500 V DC megger)(between charging section and frame)
Insulation class		UL:A class, CSA:B class
Vibration resistance	Frequency	10 to 55Hz
	Double amplitude width	0.75mm
	Applied direction	X, Y and Z directions
	Applied time	10 min. in each direction
Protection		Impedance protected
Mean life		MTTF: 50,000 hrs. (Time it takes until rotation frequency drops 30% of initial value when run continuously under 25°C 77°F and room humidity at the nominal voltage.)

* UL and CSA standard: Pending