

OVERVIEW

Aluminum die-cast axial fan for electrical enclosure ventilation. Sleeve bearing, AC 115 V, 50/60 Hz, 145/160 m³/h airflow, Grade F insulation.

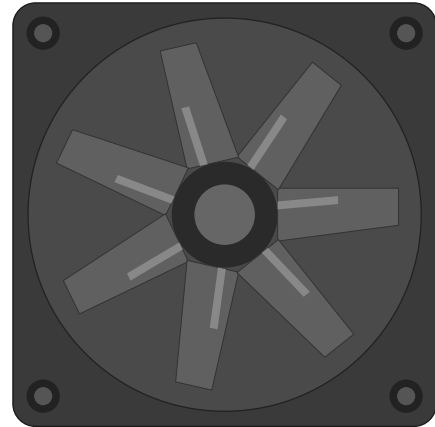
ELECTRICAL & PERFORMANCE

Parameter	50 Hz	60 Hz
Voltage (V AC)	110	115
Frequency (Hz)	50	60
Current (A)	0.24	0.20
Power (W)	18	15
Speed (r/min)	2,800	2,800
Air Flow (m³/h)	145	160
Noise Level (dB(A))	50	52
Order Code	2018.008	2018.008

GENERAL SPECIFICATIONS

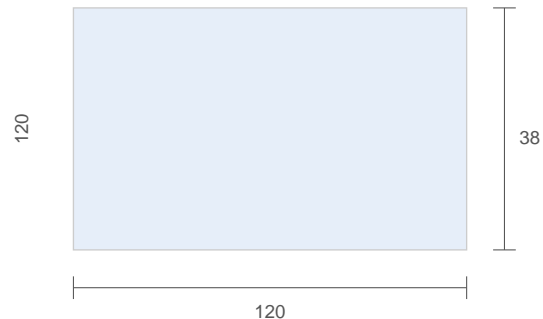
Parameter	Value
Dimensions (mm)	120 × 120 × 38
Weight (g)	550
Bearing Type	Sleeve
Frame Material	Aluminum die-cast
Impeller Material	PBT (UL94V-0)
Insulation Grade	IEC 61858 Grade F
Withstand Voltage	AC 1,800 V / 1 min @ 0.5 mA
Op. Temp. (°C)	-30 to +65
Op. Humidity (%RH)	0 ~ 95 (non-cond.)
Protection	Auto-recovery thermal protector
Certifications	CE, RoHS, UL

PRODUCT ILLUSTRATION



F2E-120S-115
120 × 120 × 38 mm | AC 115 V

DIMENSIONS (MM)



KEY FEATURES

- Aluminum die-cast frame with anti-corrosion treatment — suitable for harsh industrial environments
- Automatic recovery thermal protector prevents motor burn-out on overload
- Selectable 50/60 Hz operation — compatible with global electrical standards
- Grade F insulation (IEC 61858) — rated for continuous high-temperature operation
- High airflow of 145 m³/h (50 Hz) / 160 m³/h (60 Hz) for effective enclosure cooling
- Sleeve bearing — low noise (50/52 dB(A)), cost-effective for standard duty cycles

RELATED MODELS

Model	Voltage	Bearing	Air Flow (m³/h)	Order Code
F2E-120S-230	220/230 V	Sleeve	145 / 160	2018.007
F2E-120B-230	220/230 V	Ball	145 / 160	2018.009
F2E-120S-115 ■	110/115 V	Sleeve	145 / 160	2018.008
F2E-120B-115	110/115 V	Ball	145 / 160	2018.010
F2E-120S-24	24 V DC	Sleeve	195	2018.030