IP65 WATERPROOF FAN MOTOR

Sealed Type Structure with Dustproof and Waterproof Construction

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■Features

- **IP65 achieved by mechanical construction** (Original & unique construction in fan motor field)
  No additional water/dust proof design necessary any more. Hence, it saves time and cost for you.
- **Patented for waterproof construction (PAT.No. 3072413)**
- **Super flat design with closed construction** (Thickness = 40mm including impeller)
- **Low cost with closed construction motor**
- **Safety standard approvals** (UL, CUR <UL for Canada> and EN/IEC)

■Applications

- Equipment for outdoor use (outdoor rack, outdoor unit of air-conditioners, etc.)
- Radiator, oil cooler, heat-exchanger (circulator of outside and inside air), machine tools, industrial control box and electric panel, etc.
- Equipment used in high humidity and/or dewy circumstances (meal serving wagon, cold air circulator in refrigeration showcase), etc.

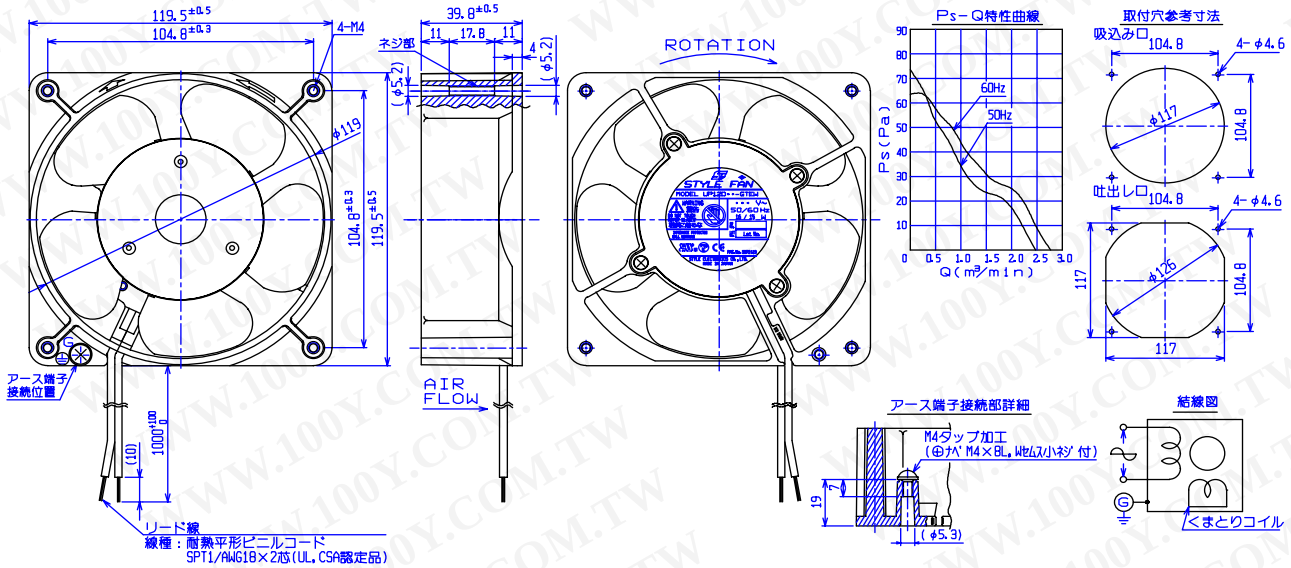
■Specifications

- Fan Blade : Flame resistant plastic (PBT / glass reinforced <UL94V-0>)
- Frame : Aluminum die cast
- Operation Temperature Range : -30 to +70 deg.C
- Operating humidity Range : RH98% or less
- Life expectancy: 100,000 hours or more (remaining rate 90%) <continuous operation in room temperature>

PERFORMANCE

Size (mm)	Model No.	Voltage (VAC)	Fre-quency (Hz)	In-put (W)	Rated current (A)	Rotation speed (r/min)	Locked current (A)	Max. Airflow (m3/min)	Max. Static Pressure (Pa)	Noise dB(A)
□120 ×40	UP12D10-GTEW	100	50	16	0.222	2650	0.310	2.5	74	41
			60	15	0.203	3000	0.270	2.8	65	45
	UP12D20-GTEW	200	50	16	0.114	2650	0.166	2.5	74	41
			60	15	0.105	3000	0.143	2.8	65	45
	UP12D22-GTEW	220	50	16	0.108	2650	0.152	2.5	74	41
			60	15	0.100	3000	0.130	2.8	65	45
	UP12D23-GTEW	230	50	16	0.100	2650	0.148	2.5	74	41
			60	15	0.091	3000	0.126	2.8	65	45

■Out-Dimensions & Performance Curve



All specifications, data and design in this catalogue are subject to change without notice.

STYLE ELECTRONICS LTD.

120 x 120 x 38mm

Model	UP12D10 UP12D15 UP12D20 UP12D23 UP12D10-T UP12D15-T UP12D20-T UP12D23-T	UP12DH10 UP12DH15 UP12DH20 UP12DH23 UP12DH10-T UP12DH15-T UP12DH20-T UP12DH23-T	UP12DL10 UP12DL15 UP12DL20 UP12DL23 UP12DL10-T UP12DL15-T UP12DL20-T UP12DL23-T
Frame Size (mm)	120 x 120 x 38	120 x 120 x 38	120 x 120 x 38
Rated Volt (VAC)	100, 115, 200, 230	100, 115, 200, 230	100, 115, 200, 230
Freq. (Hz)	50/60	50/60	50/60
Rated Input (W)	16/15	15/14	13/12
Max. Air Flow (CFM)	95.3/106	77.7/84.7	67.1/70.6
Max. Static Prs. (Inch Aq)	0.354/0.345	0.197/0.197	0.157/0.157
Noise (1m) (dB(A))	42/46	37/39	34/35
Speed (rpm)	2650/3000	2150/2350	1900/2000

