

EC Axial Fans

EC Axial Fans

PART NUMBER CODE

EC Axial Fan

E	120	38	V1	H	B	L	M	-S	-FG	-IP54
Fan Type	Fan Size		Voltage	Speed	Bearing	Termination	Additional Information	Mold	Function	Ingress Protection
E : EC Axial Fan	Frame Size	Thickness	V1 (AC 110-120V) V2 (AC 220-240V) FV (Full Voltage)	S : Super High H : High M : Medium L : Low XL : Extra Low	B : Ball S : Sleeve	L : Lead Wire	M : Metal Impeller F : Frameless	Different Suffix for different mold	FG : FG Signal RD : RD Signal PWN : PWN Signal	1st Digit: Solids 1~6 2nd Digit: Water 1~8

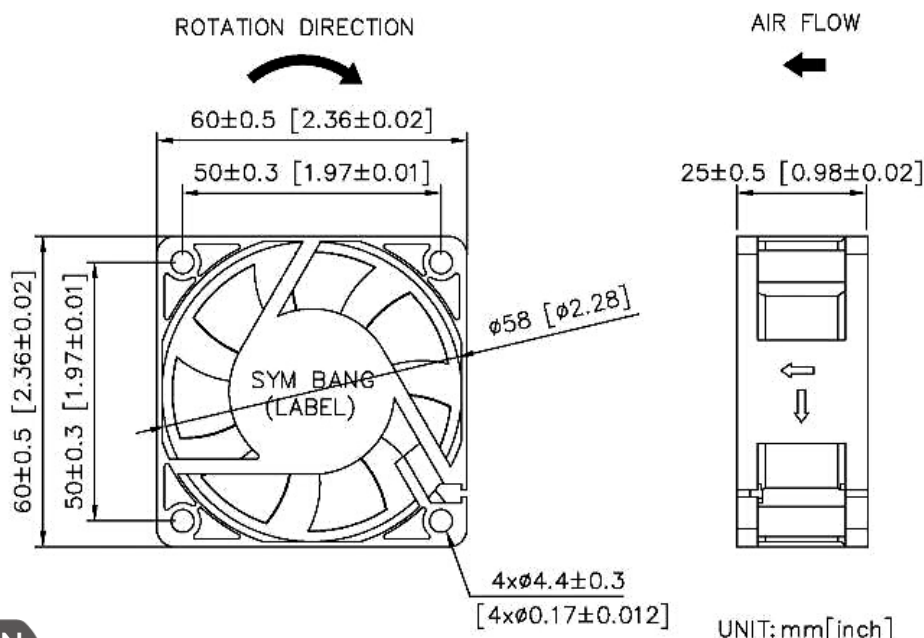
60 mm		P. 176
80 mm		P. 177
120 mm		P. 178
Ø254 mm		P. 180

E**6025-TU**

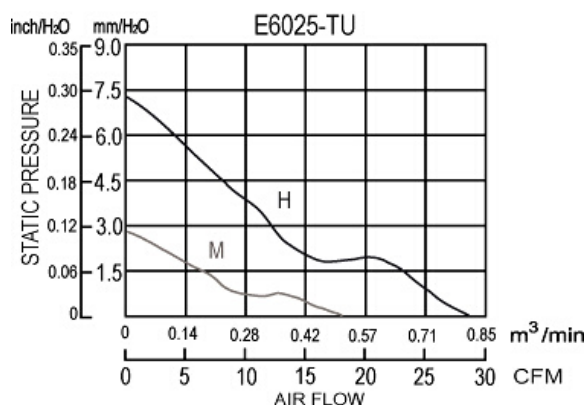
60X60X25mm(2.36"x2.36"x0.98")

CE

HOUSING	Aluminum Die Casting, Painted Black
IMPELLER	Plastic
BEARING	Ball
OPERATING TEMPERATURE	-20°C to + 70°C
INSULATION	Class A
OPERATING VOLTAGE RANGE	85 VAC to 125 VAC for 115V Type 185 VAC to 245 VAC for 230V Type
DIELECTRIC STRENGTH	5mA Max. at 1500 VAC for 1 second
INSULATION RESISTANCE	10M Ω min. @500 VDC
MOTOR TYPE	Shaded Pole Motor
SAFETY	Thermal Protection
TERMINATION	Terminals or Lead Wire
WEIGHT	56g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21

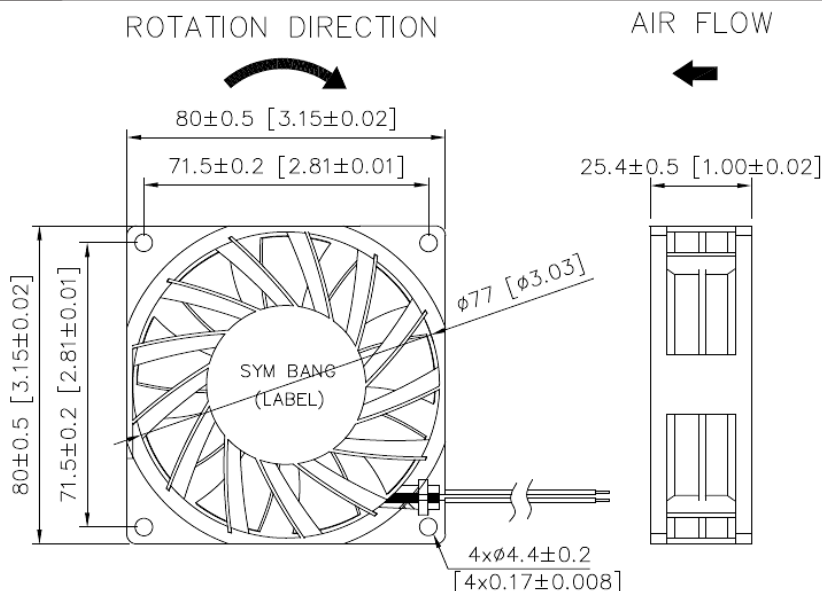
60 mm**DIMENSION****SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H ₂ O mm/H ₂ O	MAX. AIR FLOW CFM m ³ /min	NOISE dB(A) @1M
E6025FVHB-TU	230	50/60	0.04	2.3	5000	0.29 7.4	28.7 0.81	37
E6025FVMB-TU	230	50/60	0.02	1.5	3000	0.12 2.9	17.8 0.50	27

AIR PERFORMANCE

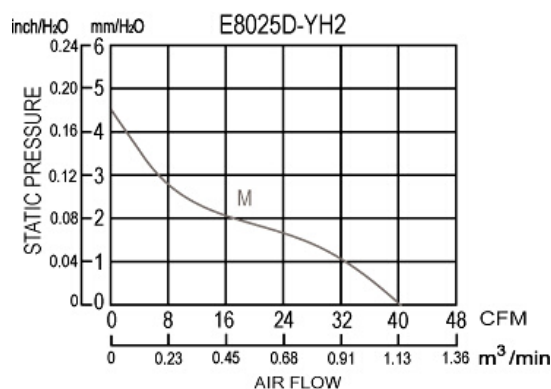
E**8025D-YH2****CE**
80X80X25mm(3.15"x3.15"x0.98")

HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball
INSULATION	Class A
OPERATING TEMPERATURE	-10°C to + 70°C
OPERATING VOLTAGE RANGE	90 VAC to 130VAC for 110V Type 100 VAC to 240 VAC for 220V Type
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M Ω min. @500 VDC
MOTOR TYPE	Brushless EC Motor
TERMINATION	Lead Wire
WEIGHT	78 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

80 mm**DIMENSION****SPECIFICATION**

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H ₂ O mm/H ₂ O	MAX. AIR FLOW CFM m ³ /min	NOISE dB(A) @1M
E8025V1MBLD-YH2	110	50/60	0.70/0.60	4	3000	0.18 4.57	40.2 1.14	38.5
E8025V2MBLD-YH2	220	50/60	0.40/0.30	4	3000	0.18 4.57	40.2 1.14	38.5

AIR PERFORMANCE

YTK CO.,LTD.

[Http://www.ytk-group.co.jp](http://www.ytk-group.co.jp)

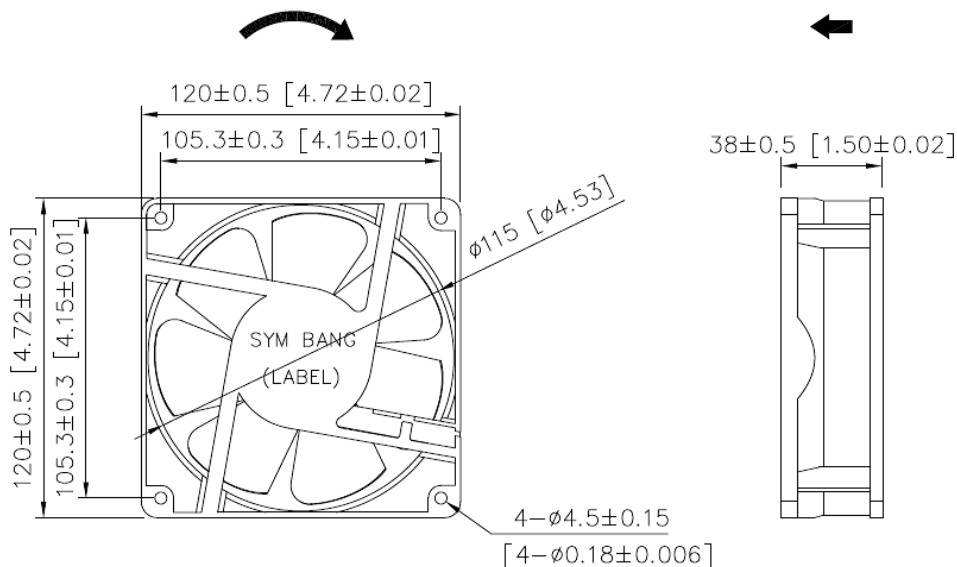
E**12038-YH1****120X120X38mm(4.7"x4.7"x1.5")****CE**

HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball
INSULATION	Class A
OPERATING TEMPERATURE	-10°C to + 70°C
OPERATING VOLTAGE RANGE	80 VAC to 130VAC for 110V Type 100 VAC to 240 VAC for 220V Type
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M Ω min. @500 VDC
MOTOR TYPE	Brushless EC Motor
TERMINATION	Lead Wire
WEIGHT	301.5 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

120mm**DIMENSION**

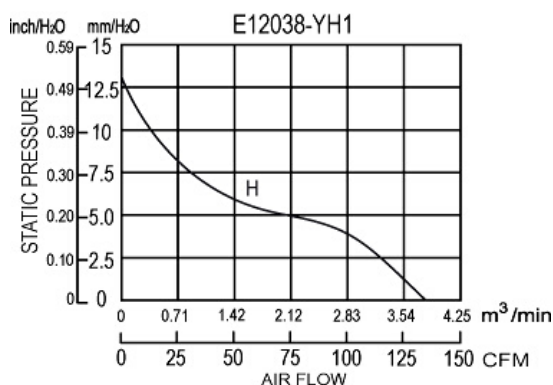
ROTATION DIRECTION

AIR FLOW

**SPECIFICATION**

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H ₂ O mm/H ₂ O	MAX. AIR FLOW CFM m ³ /min	NOISE dB(A) @1M
E12038V1HBL-YH1	110	50/60	15	3500	0.52 13.10	133.82 3.80	52.4
E12038V2HBL-YH1	220	50/60	15	3500	0.52 13.10	133.82 3.80	52.4

AIR PERFORMANCE

E**12038D-YH3****CE**

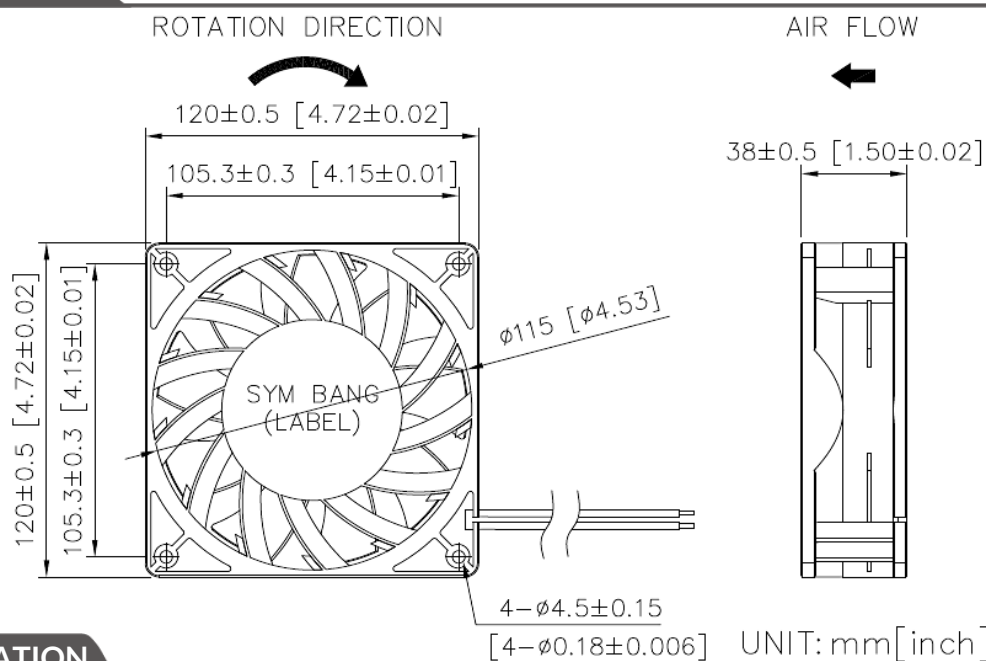
120X120X38mm(4.7"x4.7"x1.5")



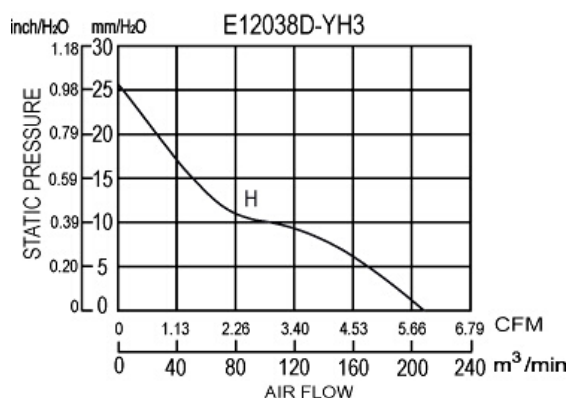
HOUSING
IMPELLER
BEARING
INSULATION
OPERATING TEMPERATURE
OPERATING VOLTAGE RANGE

DIELECTRIC STRENGTH
INSULATION RESISTANCE
MOTOR TYPE
TERMINATION
WEIGHT
ROHS COMPLIANCE
IP LEVEL

Thermoplastic PBT, UL94V-0
Thermoplastic PBT+30% Fiber glass, UL94V-0
Ball
Class A
-10°C to + 60°C
80 VAC to 130VAC for 110V Type
100 VAC to 240 VAC for 220V Type
5mA Max. at 500 VAC for 1 minute
10M Ω min. @500 VDC
Brushless EC Motor
Lead Wire
294.5 g
Yes
IP21 (Special IP Rating On Request)

120mm**DIMENSION****SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H ₂ O mm/H ₂ O	MAX. AIR FLOW CFM m ³ /min	NOISE dB(A) @1M
E12038V1HBLD-YH3	110	50/60	30	4500	1.00 25.50	209.10 5.94	64.7
E12038V2HBLD-YH3	220	50/60	30	4500	1.00 25.50	209.10 5.94	64.7

AIR PERFORMANCE

Ø254X89mm(Ø10"x3.5")



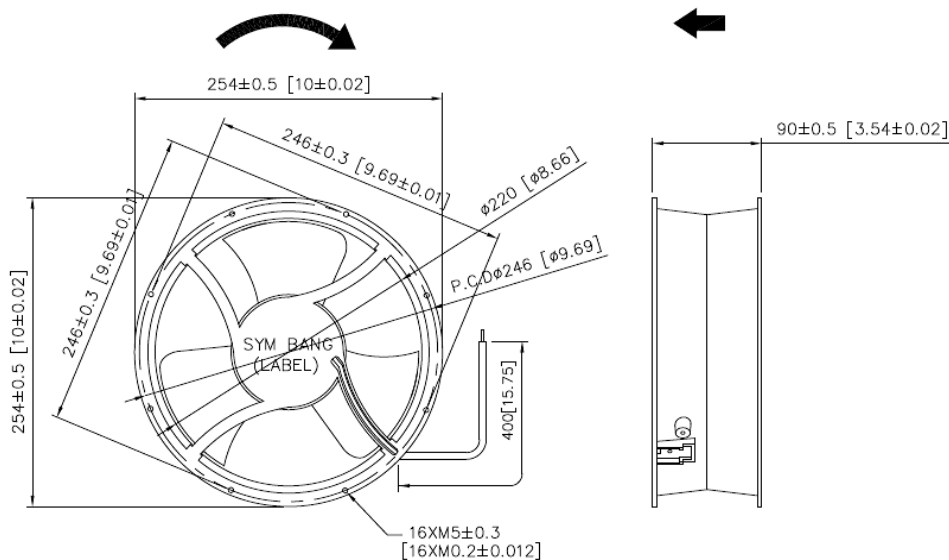
HOUSING	Aluminum Die Casting, Painted Black
IMPELLER	Thermoplastic PBT+30% Fiber glass, UL94V-0
BEARING	Ball
INSULATION	Class A
OPERATING TEMPERATURE	-10°C to + 60°C
OPERATING VOLTAGE RANGE	85 VAC to 132VAC for 110V Type 180 VAC to 265 VAC for 220V Type
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M Ω min. @500 VDC
MOTOR TYPE	Brushless EC Motor
TERMINATION	Lead Wire
WEIGHT	2.14 Kg
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

254 mm

DIMENSION

ROTATION DIRECTION

AIR FLOW



UNIT:mm[inch]

SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE		MAX. AIR FLOW		NOISE dB(A) @1M
						inch/H2O	mm/H2O	CFM	m3/min	
E25089V1HBL	110	60	1.60	101	2700	1.1	27.94	905	25.68	69
E25089V2HBL	220	50	0.76	101	2700	1.1	27.94	905	25.68	69

AIR PERFORMANCE

