

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

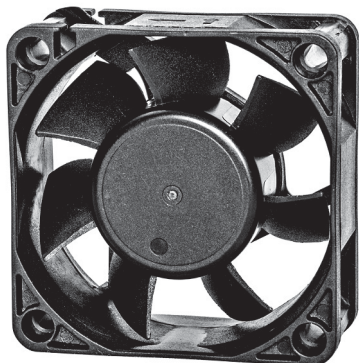
Ø254 mm P. 180

E

6025-TU

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

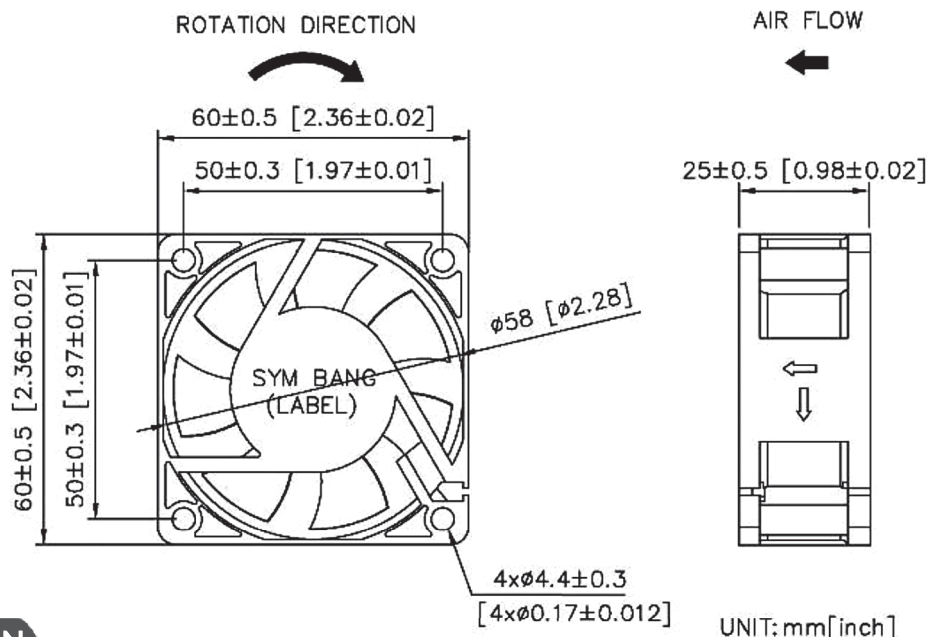
CE



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

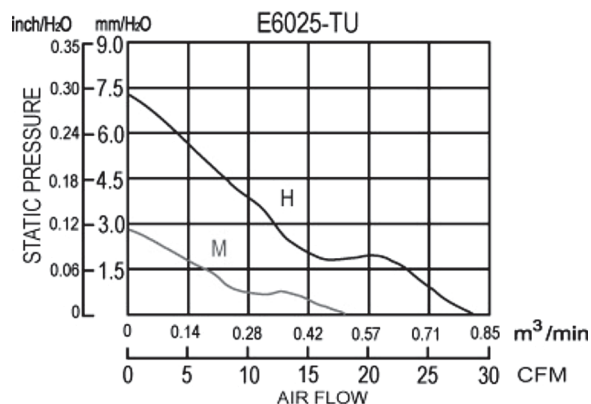
DIMENSION



SPECIFICATION

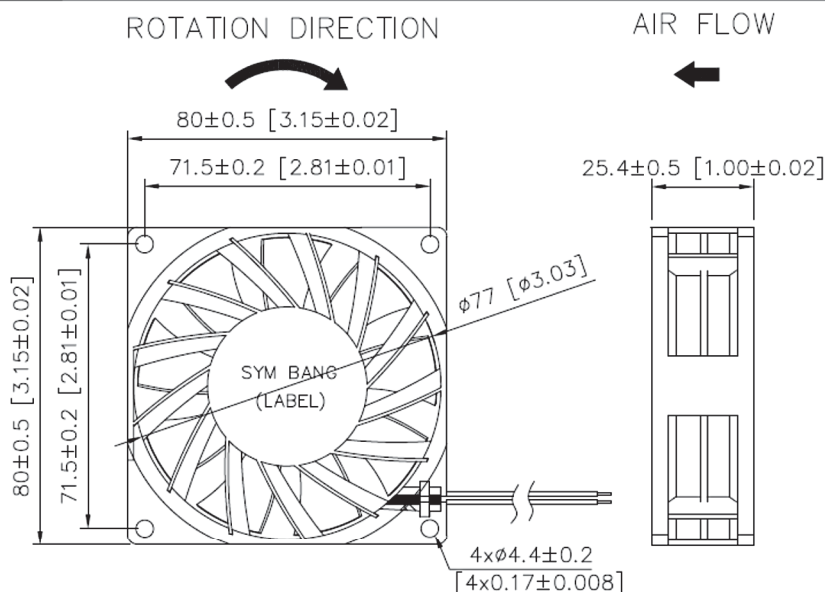
MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H ₂ O mm/H ₂ O	MAX. AIR FLOW CFM m ³ /min	NOISE dB(A) @1M
E6025FVHB-TU	230	50/60	0.04	2.3	5000	0.29 7.4	28.7 0.81	37
E6025FVMB-TU	230	50/60	0.02	1.5	3000	0.12 2.9	17.8 0.50	27

AIR PERFORMANCE



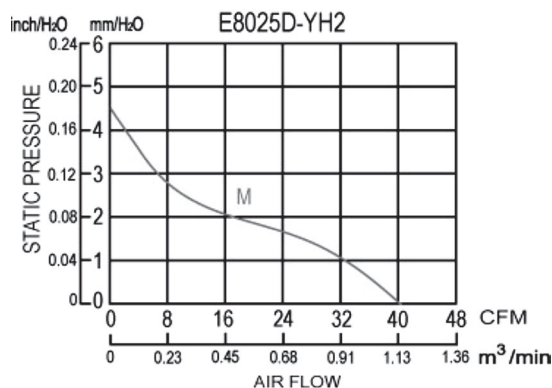
E**8025D-YH2****80X80X25mm(3.15"x3.15"x0.98")****CE**

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	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

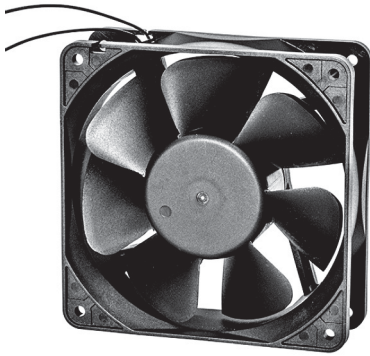
AIR PERFORMANCE

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)

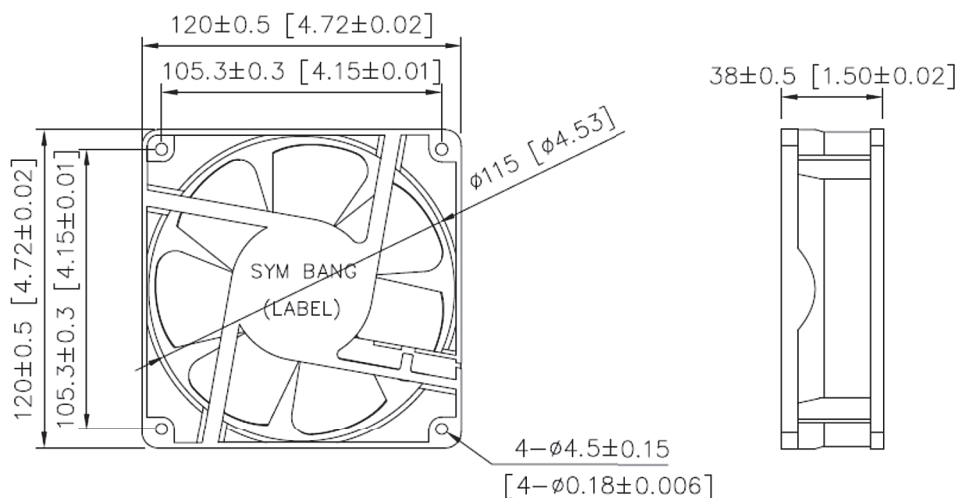
120mm

DIMENSION

ROTATION DIRECTION



AIR FLOW

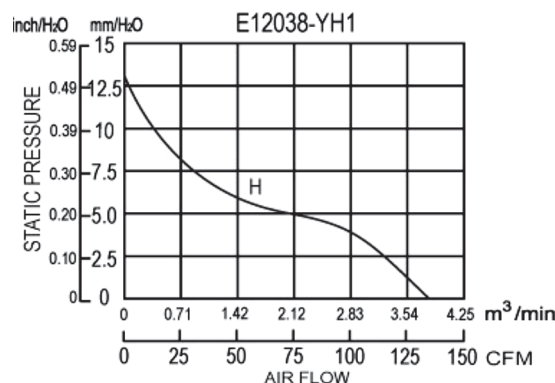


SPECIFICATION

UNIT: mm[inch]

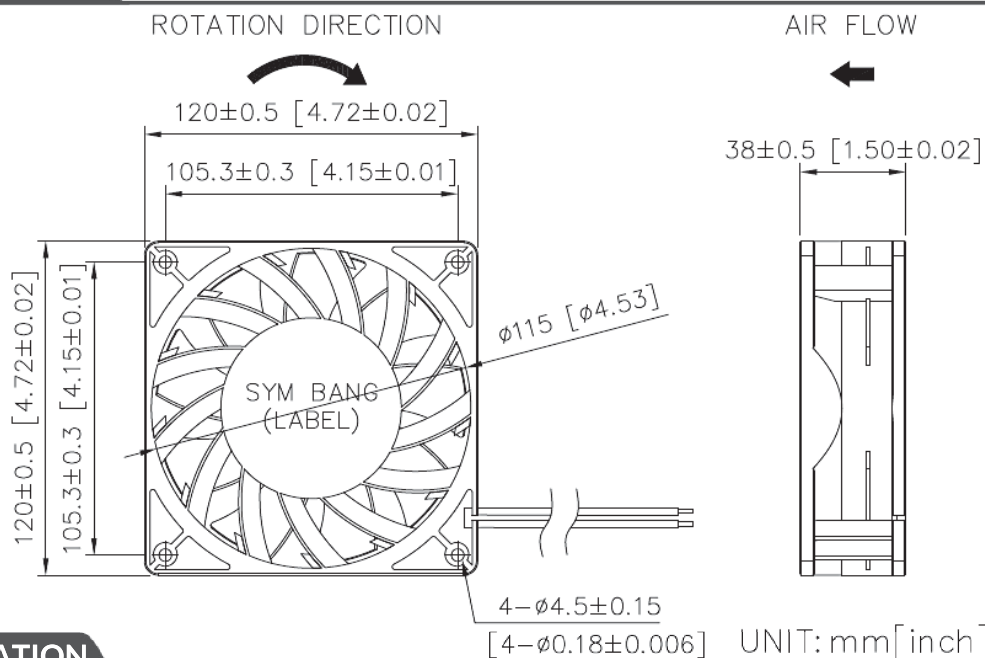
MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H ₂ O mm/H ₂ O	MAX. AIR FLOW CFM m ³ /min	NOISE dB(A) @1M
E12038V1HBL-YH1	110	50/60	15	3500	0.52 13.10	133.82 3.80	52.4
E12038V2HBL-YH1	220	50/60	15	3500	0.52 13.10	133.82 3.80	52.4

AIR PERFORMANCE



E**12038D-YH3****CE**
120X120X38mm(4.7"x4.7"x1.5")

HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT+30% Fiber glass, UL94V-0
BEARING	Ball
INSULATION	Class A
OPERATING TEMPERATURE	-10°C to + 60°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	294.5 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

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

MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE		MAX. AIR FLOW		NOISE dB(A) @1M
					inch/H ₂ O	mm/H ₂ O	CFM	m ³ /min	
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