![Delta logo] **DELTA**   UL CSA VDE CE
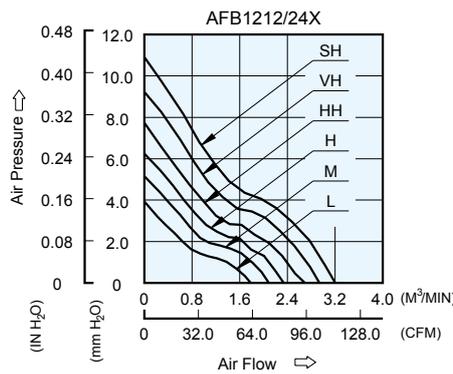
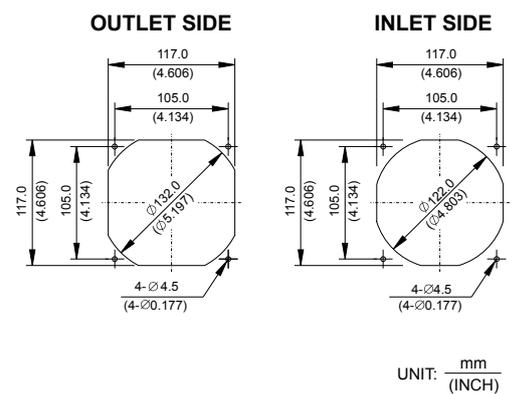# AFB 120 x 120 x 25.4 MM SERIES

■ DIMENSIONS DRAWING

120.0±0.5 (4.724±0.020)
105.0±0.3 (4.134±0.012)
120.0±0.5 (4.724±0.020)
105.0±0.3 (4.134±0.012)

LABEL

8-∅4.5±0.3 (8-∅0.177±0.012)

25.4±0.5 (1.000±0.020)
5.0±0.3 (0.197±0.012)
5.0±0.3 (0.197±0.012)

10.0 (0.394)
335.0±10.0 (13.189±0.394)
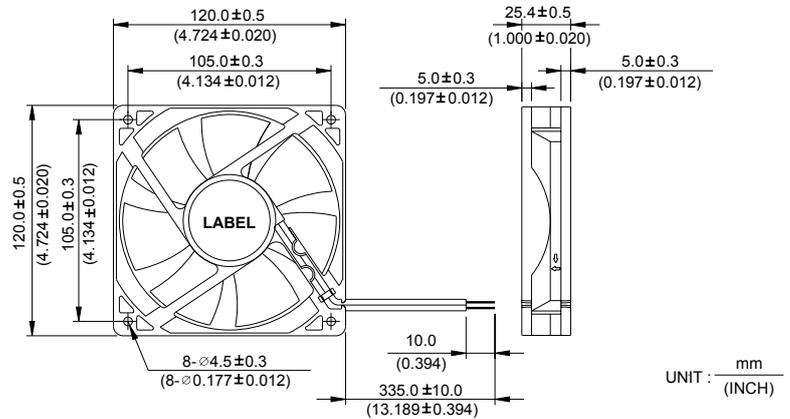
UNIT : mm / (INCH)

* Bearing Type
  Ball Bearings
* Material
  Impeller & Frame : Plastic (UL 94V-0)
* Lead Wires :
  UL 1007 AWG #24 OR Equivalent
  Red Wire Positive (+)
  Black Wire Negative (-)
* Weight : 198g (6.98 oz)

■ P & Q CURVE (AT RATED VOLTAGE)

AFB1212/24X

SH
VH
HH
H
M
L

Air Pressure

Air Flow

(IN H₂O) (mm H₂O)

0 0.8 1.6 2.4 3.2 4.0 (M³/MIN)
0 32.0 64.0 96.0 128.0 (CFM)

■ MOUNTING PANEL CUTOUT

OUTLET SIDE

117.0 (4.606)
105.0 (4.134)
117.0 (4.606)
105.0 (4.134)
∅132.0 (∅5.197)
4-∅4.5 (4-∅0.177)

INLET SIDE

117.0 (4.606)
105.0 (4.134)
117.0 (4.606)
105.0 (4.134)
∅122.0 (∅4.803)
4-∅4.5 (4-∅0.177)

UNIT: mm / (INCH)

MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m³/min	CFM	mmH₂O	IN H₂O	dB-A
AFB1212L	-R00 / -F00	12	7.0 to 13.8	0.14	1.68	1900	1.782	62.93	3.93	0.154	32.5
AFB1224L	-R00 / -F00	24	14.0 to 27.6	0.09	2.16						
AFB1212M	-R00 / -F00	12	7.0 to 13.8	0.18	2.16	2200	2.091	73.84	5.15	0.203	35.5
AFB1224M	-R00 / -F00	24	14.0 to 27.6	0.12	2.88						
AFB1212H	-R00 / -F00	12	7.0 to 13.8	0.23	2.76	2500	2.341	82.67	6.25	0.246	38.5
AFB1224H	-R00 / -F00	24	14.0 to 27.6	0.14	3.36						
AFB1212HH	-R00 / -F00	12	7.0 to 13.8	0.33	3.96	2800	2.694	95.14	7.73	0.304	41.5
AFB1224HH	-R00 / -F00	24	14.0 to 27.6	0.18	4.32						
AFB1212VH	-R00 / -F00	12	7.0 to 13.8	0.40	4.80	3100	2.938	103.75	9.43	0.371	44.5
AFB1224VH	-R00 / -F00	24	14.0 to 27.6	0.23	5.52						
AFB1212SH	-R00 / -F00	12	7.0 to 13.8	0.53	6.36	3400	3.203	113.11	10.92	0.430	46.5
AFB1224SH	-R00 / -F00	24	14.0 to 27.6	0.28	6.72						

* Function type is optional.
* The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
* Noise is measured in anechoic chamber in free air, one meter from intake side.
* All readings are typical values at rated voltage.
* Specifications are subject to change without notice.

Mouser Electronics

Authorized Distributor

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