





\* Bearing Type

**Ball Bearings** 

\* Lead Wires :

Impeller : Plastic (UL 94V-0)

Frame : Die-cast Aluminum

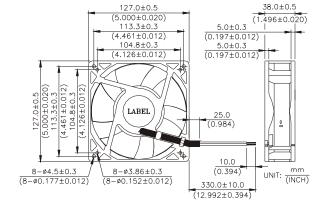
Red Wire Positive (+)

Black Wire Negative (-) \* Weight : 490g (17.28 oz)

UL 1007 AWG #24 OR Equivalent

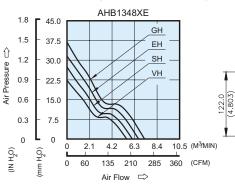
\* Material

## **ATB** 127 x 127 x 38 MM SERIES





## P & Q CURVE (AT RATED VOLTAGE)



MOUNTING PANEL CUTOUT

OUTLET SIDE 122.0

(4.803)

113.3

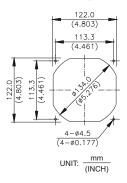
(4.461)

4 - 045

(4-00.177)

113.3 (4.461<sup>-</sup>

INLET SIDE



MODEL		Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m <sup>3</sup> /min	CFM	mmH₂O	IN H 2O	dB-A
AHB1348VHE	-R00 / -F00	48	32.0 to 80.0	0.41	19.68	4300	5.573	196.82	22.39	0.881	60.5
AHB1348SHE	-R00 / -F00	48	32.0 to 80.0	0.49	23.52	4700	6.091	215.12	26.79	1.055	63.0
AHB1348EHE	-R00 / -F00	48	32.0 to 80.0	0.61	29.28	5100	6.660	235.20	31.41	1.237	65.0
AHB1348GHE	-R00 / -F00	48	32.0 to 80.0	0.75	36.00	5500	7.243	255.77	36.77	1.448	67.0

Function type is optional.

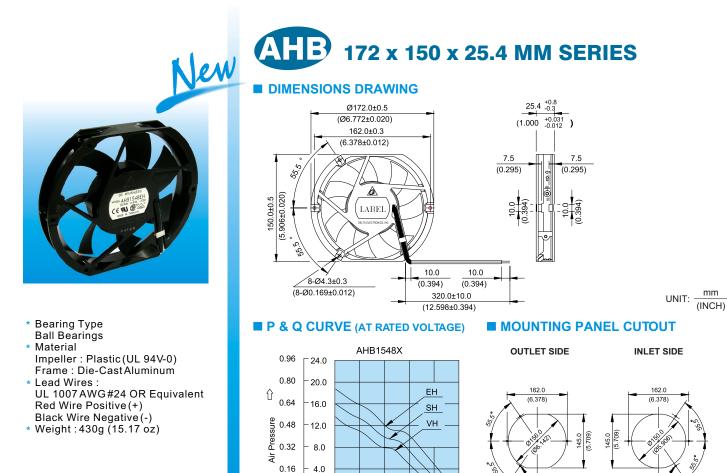
\* The max, air flow and the speed are measured in free air; max, air pressure is measured at zero air flow. \* Noise is measured in anechoic chamber in free air, one meter from intake side.

\* All readings are typical values at rated voltage. \* Specifications are subject to change without notice.

# DIMENSIONS DRAWING







MODEL		Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m <sup>3</sup> /min	CFM	mmH₂O	IN H₂O	dB-A
AHB1548VH	-R00 / -F00	48	32.0 to 80.0	0.37	17.76	3400	6.408	226.31	13.62	0.536	56.0
AHB1548SH	-R00 / -F00	48	32.0 to 80.0	0.43	20.64	3700	7.059	249.27	16.10	0.634	59.0
AHB1548EH	-R00 / -F00	48	32.0 to 80.0	0.52	24.96	4000	7.675	271.05	18.69	0.736	61.0

64.0 128.0

Air Flow

0

(IN H<sub>2</sub>O)

0

(mm H<sub>2</sub>O)

0 1.6 3.2 4.8 6.4

0

4-Ø4.8

(4-Ø0.189)

8.0 (M<sup>3</sup>/MIN)

192.0 256.0 (CFM)

4-Ø4.8

UNIT: (INCH) mm

(4-Ø0.189

\* 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.

\* All readings are typical values at rated voltage.

\* Specifications are subject to change without notice

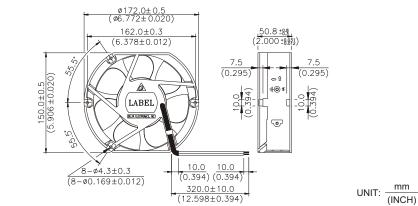








## DIMENSIONS DRAWING



\* Bearing Type **Ball Bearings** 

- \* Material Impeller : Plastic (UL 94V-0)
- Frame : Die-cast Aluminum \* Lead Wires :
- UL 1007 AWG #24 OR Equivalent Red Wire Positive (+) Black Wire Negative (-)
- \* Weight : 800g (28.22 oz)

#### AHB1548XG 1.98 51.0 GH 1.65 42.5 EH Pressure 🗠 SH 1.32 34.0

0.99

0.33

0

(IN H<sub>2</sub>O)

₩ 0.66

25.5

17.0

8.5

0

0

0

(mm H<sub>2</sub>O)

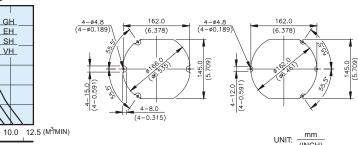
VH

P & Q CURVE (AT RATED VOLTAGE)

## MOUNTING PANEL CUTOUT

OUTLET SIDE

INLET SIDE



00.0	200.0	
A	Air Flow	

5.0

7.5

2.5

100.0 200.0 300.0 400.0 (CFM) ⇒

UNIT: (INCH)

MODEL		Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m <sup>3</sup> /min	CFM	mmH₂O	IN H 2O	dB-A
AHB1548VHG	-R00 / -F00	48	32.0 to 80.0	0.71	34.08	4000	8.645	305.29	28.91	1.138	62.0
AHB1548SHG	-R00 / -F00	48	32.0 to 80.0	0.88	42.24	4400	9.526	336.41	34.69	1.366	64.0
AHB1548EHG	-R00 / -F00	48	32.0 to 80.0	1.22	58.56	4800	10.434	368.47	41.43	1.631	66.0
AHB1548GHG	-R00 / -F00	48	32.0 to 80.0	1.52	72.96	5200	11.404	402.72	49.88	1.964	68.5

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.

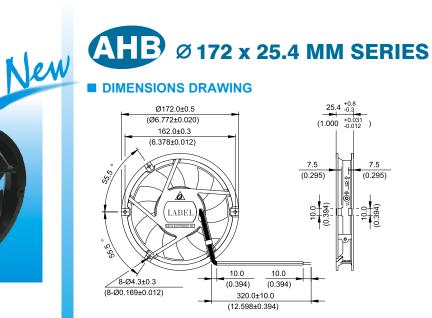
\* All readings are typical values at rated voltage. \* Specifications are subject to change without notice.



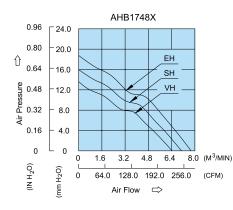




- \* Bearing Type **Ball Bearings** Material
- Impeller : Plastic (UL 94V-0) Frame : Die-Cast Aluminum \* Lead Wires :
- UL 1007 AWG #24 OR Equivalent Red Wire Positive(+) Black Wire Negative (-)
- \* Weight : 450g (15.87 oz)



P & Q CURVE (AT RATED VOLTAGE)



OUTLET SIDE

162.0

(6.378)

4-014 8

(4-Ø0.189)

MOUNTING PANEL CUTOUT

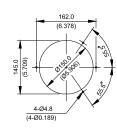
INLET SIDE

mm

(INCH)

UNIT: (INCH) mm

UNIT: -



MODEL		Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m <sup>3</sup> /min	CFM	mmH₂O	IN H <sub>2</sub> O	dB-A
AHB1748VH	-R00 / -F00	48	32.0 to 80.0	0.37	17.76	3400	6.408	226.31	13.62	0.536	56.0
AHB1748SH	-R00 / -F00	48	32.0 to 80.0	0.43	20.64	3700	7.059	249.27	16.10	0.634	59.0
AHB1748EH	-R00 / -F00	48	32.0 to 80.0	0.52	24.96	4000	7.675	271.05	18.69	0.736	61.0

\* 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.

\* All readings are typical values at rated voltage.

\* Specifications are subject to change without notice

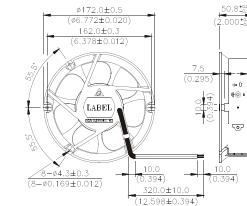






Ø172 x 50.8 MM SERIES

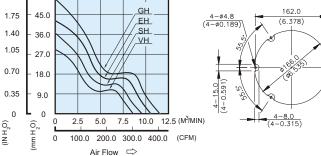
## DIMENSIONS DRAWING





- \* Bearing Type **Ball Bearings**
- \* Material
- Impeller : Plastic (UL 94V-0) Frame : Die-cast Aluminum
- \* Lead Wires : UL 1007 AWG #24 OR Equivalent Red Wire Positive (+) Black Wire Negative (-)
- \* Weight : 820g (28.93 oz)

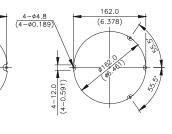
### P & Q CURVE (AT RATED VOLTAGE) AHB1748XG 2.10 54.0





OUTLET SIDE

## INLET SIDE



mm UNIT: (INCH)

MODEL		Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m <sup>3</sup> /min	CFM	mmH₂O	IN H 2O	dB-A
AHB1748VHG	-R00 / -F00	48	32.0 to 80.0	0.71	34.08	4000	8.760	309.37	29.75	1.171	59.5
AHB1748SHG	-R00 / -F00	48	32.0 to 80.0	0.88	42.24	4400	9.773	345.13	36.34	1.431	61.5
AHB1748EHG	-R00 / -F00	48	32.0 to 80.0	1.22	58.56	4800	10.636	375.62	43.24	1.702	64.0
AHB1748GHG	-R00 / -F00	48	32.0 to 80.0	1.52	72.96	5200	11.564	408.39	52.02	2.048	66.5

Function type is optional.

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.

Air Pressure

 $(O_2 H N)$ 

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