



mm



- * Bearing Type
- **Ball Bearings**

* Material Impeller: Plastic (UL 94V-0) Frame: Die-cast Aluminum

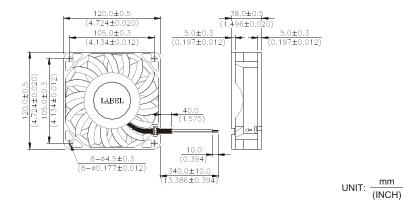
* Lead Wires :

UL 1007 AWG #22 OR Equivalent

Red Wire Positive (+) Black Wire Negative (-) * Weight: 470g (16.58 oz)

120 x 120 x 38 MM SERIES

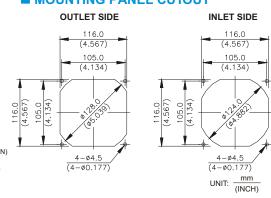
DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)

FHB1248XE 1.8 45.0 DH 1.5 37.5 UH Air Pressure 1.2 30.0 GH 0.9 22.5 0.6 15.0 0.3 7.5 0 0 2.0 4.0 10.0 (M³/MIN) 8.0 6.0 (IN H₂O) (mm H₂O) 0 80.0 160.0 240.0 320.0

MOUNTING PANEL CUTOUT



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.	m³/min	CFM	mmH ₂ O	IN H 2O	dB-A
FHB1248GHE	-R00/-F00	48	32.0 to 80.0	0.78	37.44	4800	5.671	200.28	25.92	1.020	67.0
FHB1248UHE	-R00/-F00	48	32.0 to 80.0	0.91	43.68	5300	6.321	223.22	31.51	1.241	68.0
FHB1248DHE	-R00/-F00	48	32.0 to 80.0	1.28	61.44	5800	6.961	245.83	38.16	1.502	71.5

^{*} Function type is optional.

* Noise is measured in anechoic chamber in free air, one meter from intake side.
* All readings are typical values at rated voltage.

^{*} The max. air flow and the speed are measured in free air; max. air pressure is measured at zero air flow.

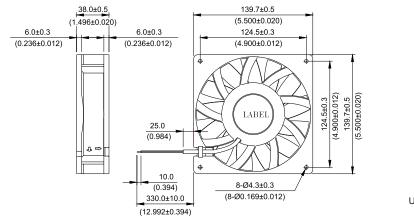
^{*} Specifications are subject to change without notice.







THE 140 x 140 x 38 MM SERIES



mm UNIT: (INCH)

* Bearing Type **Ball Bearings**

Material

Impeller: Plastic(UL 94V-0) * Frame : Die-Cast Aluminum

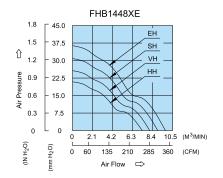
Lead Wires:

UL 1430 AWG #22 OR Equivalent

Red Wire Positive (+)

* Black Wire Negative (-) Weight: 650g (22.93 oz)

■ P & Q CURVE (AT RATED VOLTAGE)



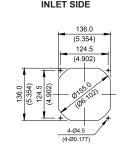
124.5 (4.902) (4.902)124.5

4-Ø4.5

(4-Ø0.177)

OUTLET SIDE

■ MOUNTING PANEL CUTOUT



UNIT: (INCH) mm

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.	m³/min	CFM	mmH ₂ O	IN H₂O	dB-A
FHB1448HHE	-R00 / -F00	48	32.0 to 80.0	0.66	31.68	3800	7.358	259.85	20.88	0.822	63.5
FHB1448VHE	-R00 / -F00	48	32.0 to 80.0	0.83	39.84	4200	8.162	288.24	25.64	1.009	67.5
FHB1448SHE	-R00 / -F00	48	32.0 to 80.0	1.09	52.32	4600	8.972	316.84	30.67	1.208	69.5
FHB1448EHE	-R00 / -F00	48	32.0 to 80.0	1.36	65.28	5000	9.807	346.34	36.43	1.434	71.0

^{*} 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





mm

(INCH)



- * Bearing Type **Ball Bearings**
- * Material

Impeller: Plastic (UL 94V-0) Frame: Die-cast Aluminum

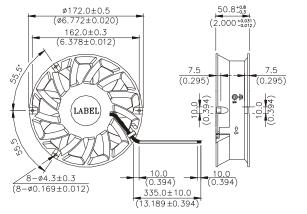
* Lead Wires :

UL 1430 AWG #22 OR Equivalent

Red Wire Positive (+) Black Wire Negative (-) * Weight: 920g (32.45 oz)

Ø172 x 50.8 MM SERIES

DIMENSIONS DRAWING



MOUNTING PANEL CUTOUT

■ P & Q CURVE (AT RATED VOLTAGE) **OUTLET SIDE INLET SIDE** FHB1748XG 2.4 60.0 50.0 162.0 2.0 162.0 4-ø4.8 (4-ø0.189)\ 4-ø4.8 (4-ø0.189) НН (6.378) 1.6 40.0 Pressure 1.2 30.0 Α̈́ 0.8 20.0 0.4 10.0 0 0 4-8.0 (4-0.315) 12.0 15.0 (M³/MIN) (mm H₂0) 3.0 6.0 (IN H₂O) 9.0 100 300 500 (CFM) 200 400 0 mm Air Flow ⇒ 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.	m³/min	CFM	mmH ₂ O	IN H ₂ O	dB-A
FHB1748MG	-R00 / -F00	48	32.0 to 80.0	0.83	39.84	3600	9.281	327.76	23.89	0.941	67.0
FHB1748HG	-R00 / -F00	48	32.0 to 80.0	1.08	51.84	4000	10.217	360.82	29.45	1.159	69.5
FHB1748HHG	-R00 / -F00	48	32.0 to 80.0	1.60	76.80	4400	10.994	388.25	35.44	1.395	71.5

* Noise is measured in anechoic chamber in free air, one meter from intake side. * All readings are typical values at rated voltage.

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* The max. air flow and the speed are measured in free air; max. air pressure is measured at zero air flow.

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