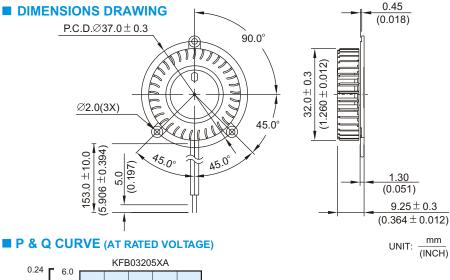


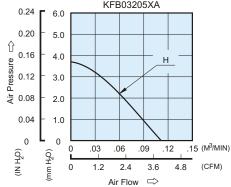




- \* Bearing Type Ball Bearings
- Material Impeller & Pillow : Plastic (UL 94V-0) \* Lead Wires :
- UL 1571 AWG #28 OR Equivalent Red Wire Positive (+)
- Black Wire Negative (-) \* Weight : 6.5g (0.23 oz)

**KED** Ø32 x 9.0 MM SERIES





MODEL		Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maxim Air Fl		-	mum essure	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
KFB03205HA	/ -F00	5	4.0 to 6.0	0.24	1.20	5000	0.114	4.00	3.76	0.148	26.5

\* 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.

Notes is measured in anection channel in the an, one meter non-mane cost.
\* All readings are typical values at rated voltage.
\* Specifications are subject to change without notice.
\* The air flow and noise level of fans without external housing depends on the installation condition. The stated air flow and static pressure has been measured with an orifice 32.6 mmØ at a distance of approx. 1 mm from the mounting bracket.







#### DIMENSIONS DRAWING

P & Q CURVE (AT RATED VOLTAGE)

1.8

1.5

1.2

0.9

0.6

0.3

0

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

Air Pressure

45.0

37.5

30.0

22.5

15.0

7.5

0

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

0 0.8 1.6

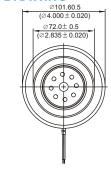
0

32.0

64.0

Air Flow ⇒

KFB1012/24/48XS



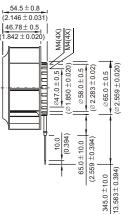
ΗН

н

М

3.2 2.4

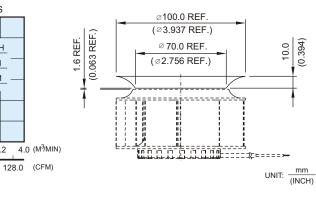
96.0



# UNIT: (INCH) MOUNTING PANEL CUTOUT

mm

(0.394)



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
KFB1012MS	-R00 / -F00	12	8.0 to 13.2	0.88	10.56		2.550	90.04	22.05	0.868	
KFB1024MS	-R00 / -F00	24	14.0 to 26.4	0.45	10.80	4500					56.4
KFB1048MS	-R00 / -F00	48	32.0 to 56.0	0.23	11.04						
KFB1012HS	-R00 / -F00	12	8.0 to 13.2	1.45	17.40						
KFB1024HS	-R00 / -F00	24	14.0 to 26.4	0.72	17.28	5100	2.846	100.50	27.20	1.071	59.0
KFB1048HS	-R00 / -F00	48	32.0 to 56.0	0.35	16.80						
KFB1012HHS	-R00 / -F00	12	8.0 to 13.2	1.85	22.20						
KFB1024HHS	-R00 / -F00	24	14.0 to 26.4	0.87	20.88	5700	3.160	111.60	35.38	1.393	62.0
KFB1048HHS	-R00 / -F00	48	32.0 to 53.0	0.43	20.64						

\* 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) Pillow : Die-Cast Aluminum
- \* Lead Wires : UL 1007 AWG #24 OR Equivalent Red Wire Positive (+) Black Wire Negative (-)
- \* Weight : 485g (17.11 oz)







\* Bearing Type

**Ball Bearings** Material

Lead Wires :

\* Impeller : Plastic (UL 94V-0)

UL 1430 AWG #22 OR Equivalent

\* Pillow : Die-Cast Aluminum

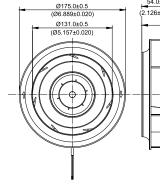
Red Wire Positive(+)

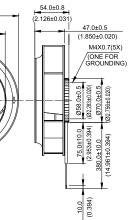
\* Black Wire Negative (-)

Weight : 620g (21.87 oz)



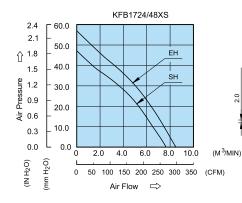
### DIMENSIONS DRAWING

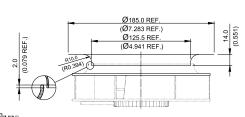






### P & Q CURVE (AT RATED VOLTAGE)





MOUNTING PANEL CUTOUT

UNIT: (INCH)

MOD	EL	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
KFB1724SHS	-R00 / -F00	24	14.0 to 30.0	1.65	39.60	3800	7 504	267.84	47.21	1.859	71.0
KFB1748SHS	-R00 / -F00	48	28.0 to 60.0	0.80	38.40	3600	7.584				71.0
KFB1724EHS	-R00 / -F00	24	14.0 to 30.0	2.30	55.20	4200	8.421	297.39	56.96	2.361	73.5
KFB1748EHS	-R00 / -F00	48	28.0 to 60.0	1.15	55.20	4200	0.721	201.00	50.50	2.301	75.5

\* 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.

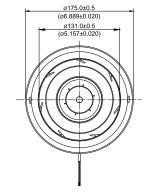
\* All readings are typical values at rated voltage. \* Specifications are subject to change without notice.

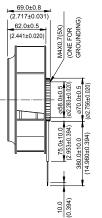










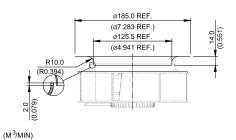


## MOUNTING PANEL CUTOUT

- \* Bearing Type **Ball Bearings**
- Material
- \* Impeller : Plastic (UL 94V-0) Pillow : Die-Cast Aluminum
- \* Lead Wires : UL 1430 AWG #22 OR Equivalent Red Wire Positive(+) Black Wire Negative (-)
- \* Weight : 670g (23.63 oz)

#### KFB1724/48XT-A 2.76 ┌ 72.0 2.30 60.0 ŚН Û 1.84 48.0 vн 9.02 Lessand D.92 36.0 24.0 Αï 12.0 0.46 0.0 0.0 0 2.8 5.6 8.4 11.2 14.0 (IN H<sub>2</sub>O) (mm H<sub>2</sub>O) 100 200 300 400 500 (CFM) 0 Air Flow ⇒

P & Q CURVE (AT RATED VOLTAGE)



mm UNIT: (INCH)

mm

(INCH)

UNIT: -

MODEL			Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m <sup>3</sup> /min	CFM	mmH₂O	IN H₂O	dB-A
KFB1724VHT	-A	-R00/-F00	24	14.0 to 27.6	2.27	54.48	3600	10.609	374.67	49.88	1.964	70.0
KFB1748VHT	-A	-R00 /-F00	48	28.0 to 60.0	1.13	54.24	3600					70.0
KFB1724SHT	-A	-R00 /-F00	24	14.0 to 27.6	3.14	75.36	4000	11.688	412.78	61.03	2.403	73.0
KFB1748SHT	-A	-R00 /_F00	48	28.0 to 53.0	1.45	69.60						73.0

\* 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.

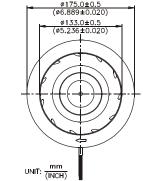


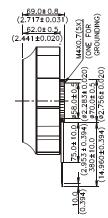






#### DIMENSIONS DRAWING



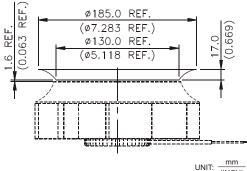


# UNIT: (INCH) MOUNTING PANEL CUTOUT

mm

- \* Bearing Type Ball Bearings
- \* Material Impeller : Plastic (UL 94V-0) Pillow : Die-Cast Aluminum
- \* Lead Wires : UL 1430 AWG #22 OR Equivalent Red Wire Positive (+)
- Black Wire Negative (-) \* Weight : 670g (23.63 oz)

#### P & Q CURVE (AT RATED VOLTAGE) KFB1724/48XT 2.4 60.0 2.0 50.0 Air Pressure SH 40.0 VH 30.0 20.0 0.4 10.0 0 0 10.0 (M<sup>3</sup>/MIN) 2.0 4.0 6.0 8.0 0 (IN H<sub>2</sub>O) (O H mm) 160.0 240.0 320.0 (CFM) 80.0 0 Air Flow □>



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	(IN(:H))
	(114011)

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
KFB1724VHT	-R00 / -F00	24	14.0 to 26.4	2.05	49.20	3000	8.206	289.79	35.69	1.405	65.0
KFB1748VHT	-R00 / -F00	48	36.0 to 53.0	1.05	50.40	3000	0.200	209.19	55.09	1.405	05.0
KFB1724SHT	-R00 / -F00	24	14.0 to 26.4	2.88	69.12	3300	9.480	334.79	47.86	1.884	67.5
KFB1748SHT	-R00 / -F00	48	36.0 to 53.0	1.45	69.60	3300	9.400	554.79	47.00	1.004	07.5

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

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