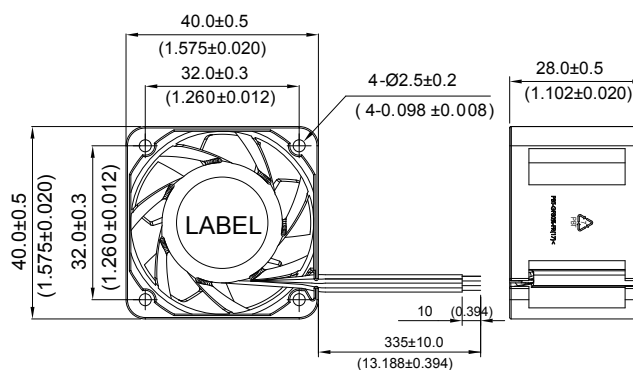




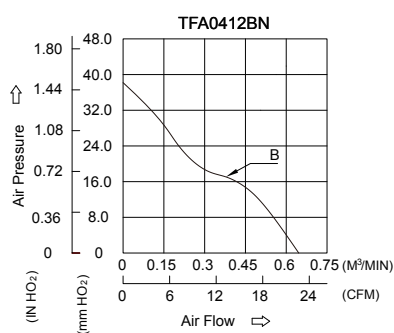
- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic (UL 94V-0)
Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1061 AWG #26 OR
Equivalent
Red Wire Positive (+)
Black Wire Negative (-)
Blue Wire (F00)
Yellow Wire (PWM)
- * Weight : 47g (1.65 oz)

TFA 40 x 40 x 28.0 MM SERIES

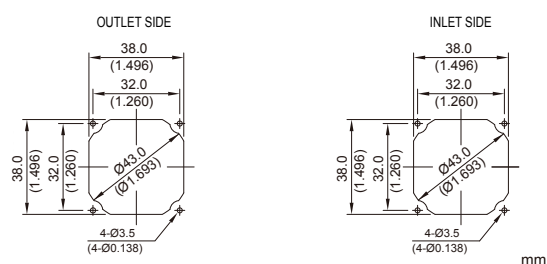
■ DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)



■ MOUNTING PANEL CUTOUT

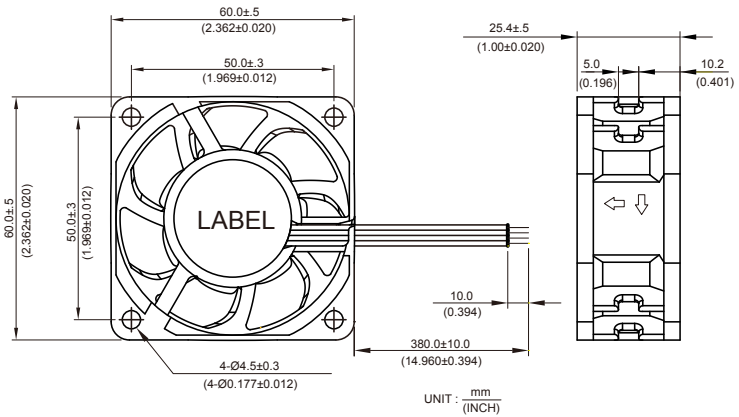


MODEL		Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
TFA0412BN	PWM / F00	12	8.0 to 14.0	0.42	5.04	15600	0.630	22.20	38.19	1.500	50.8

- * 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.

TFA 60 x 60 x 25.4 MM SERIES

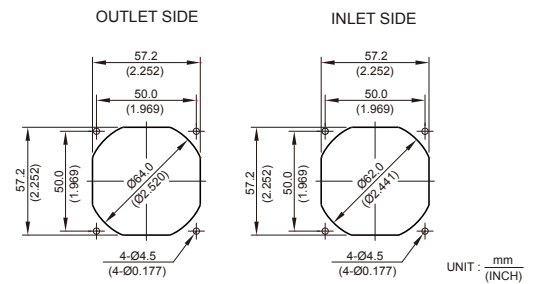
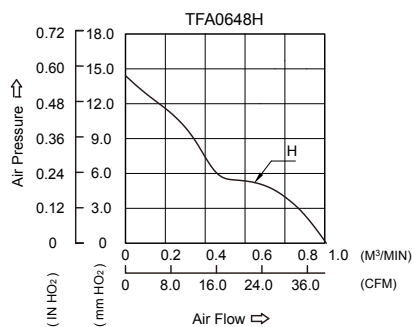
DIMENSIONS DRAWING



- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic (UL 94V-0)
Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1061 AWG #24 OR Equivalent
Red Wire Positive (+)
Black Wire Negative (-)
Blue Wire (F00)
Yellow Wire (PWM)
- * Weight : 80g (2.82 oz)

P & Q CURVE (AT RATED VOLTAGE)

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.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
TFA0648H	PWM / F00	48	36.0 to 60.0	0.10	4.80	7800	1.013	35.77	14.01	0.472	45.0

- * 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.

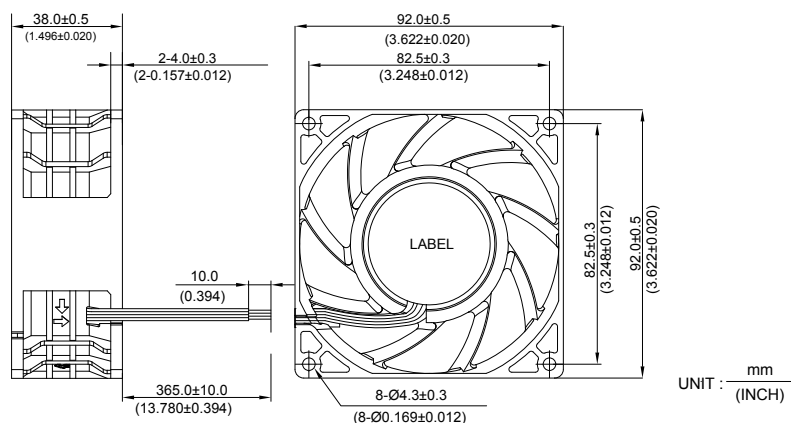
New



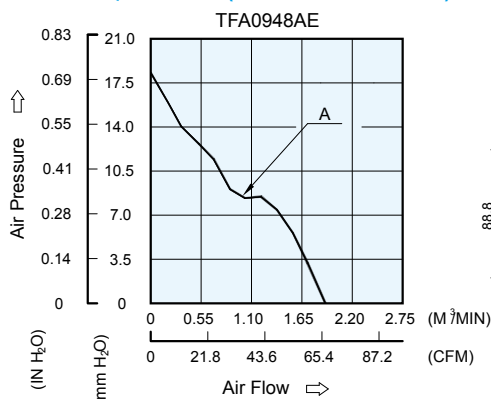
- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight : 210g (7.40 oz)

TFA 92 x 92 x 38 MM SERIES

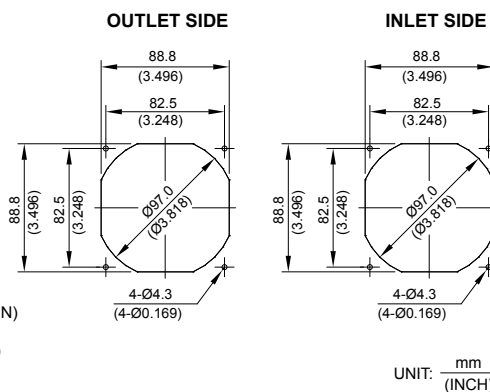
■ DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)



■ MOUNTING PANEL CUTOUT



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	mmH ₂ O	IN H ₂ O	dB-A
TFA0948AE	PWM / -F00	48	28.0 to 62.0	0.12	5.76	5000	1.899	67.07	18.30	0.720	49.8

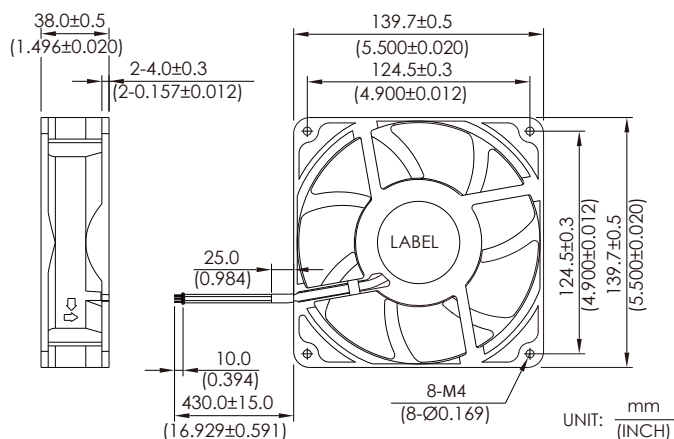
- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are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



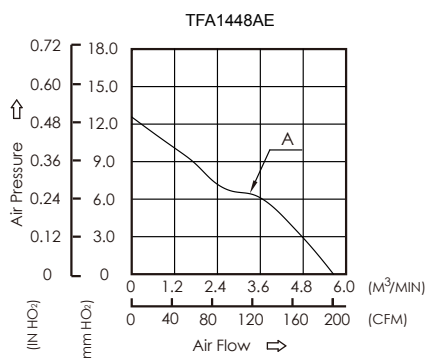
- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic (UL 94V-0)
Frame : Die-cast Aluminum
- * Lead Wires :
UL 1430 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative (-)
Blue Wire (F00)
- * Weight : 530g (18.69 oz)

TFA 140 x 140 x 38.0 MM SERIES

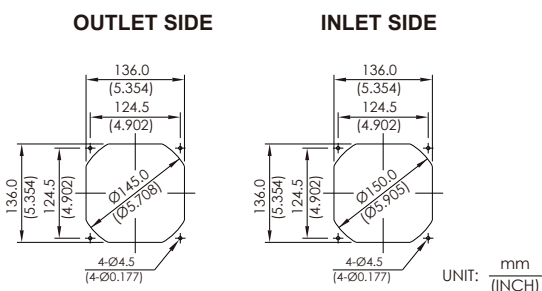
■ DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)



■ 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.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
TFA1448AE	-F00	48	30.0 to 60.0	0.26	12.5	3100	5.63	198.90	12.95	0.51	52.0

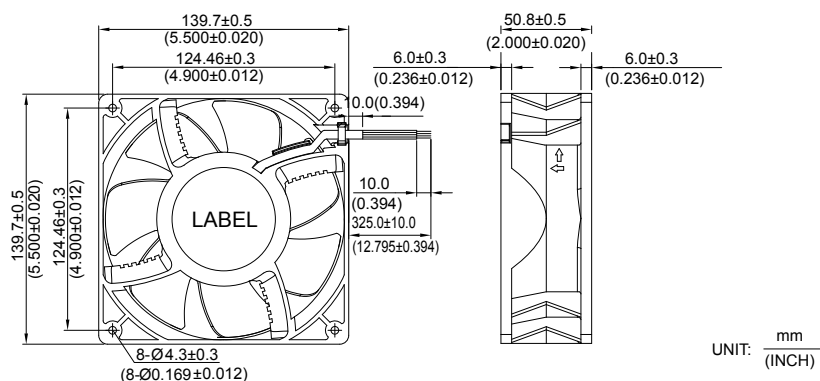
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

New



TFA 140 x 140 x 50.8 MM SERIES

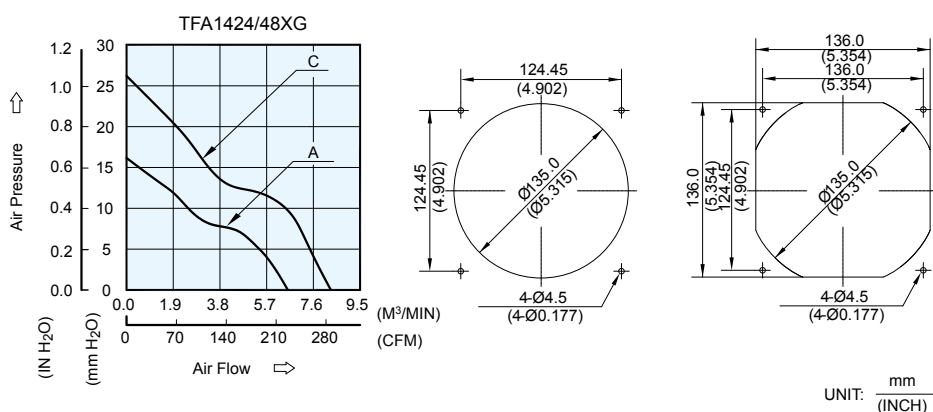
■ DIMENSIONS DRAWING



- * 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(-)
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight : 715g (25.03 oz)

■ P & Q CURVE (AT RATED VOLTAGE)

■ MOUNTING PANEL CUTOUT



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.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
TFA1424AG	PWM/-F00	24	20.0 to 26.4	0.70	16.80	3300	6.425	226.88	16.21	0.638	56.0
TFA1448CG	PWM/-F00	48	30.0 to 60.0	0.72	34.56	4200	8.177	288.76	26.27	1.034	62.5

- * 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.