



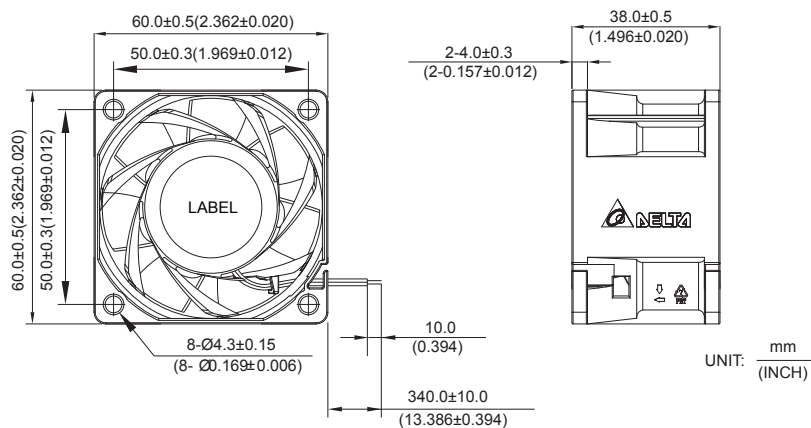
New



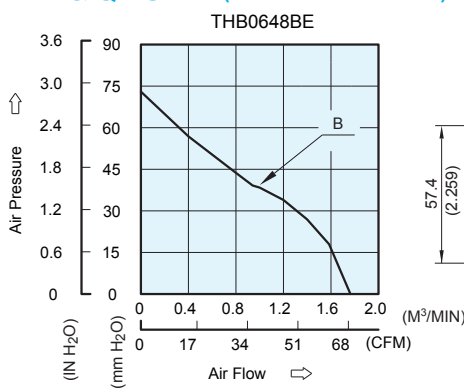
- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1061 AWG #26 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight : 130g(4.58 oz)

THB 60 x 60 x 38.0 MM SERIES

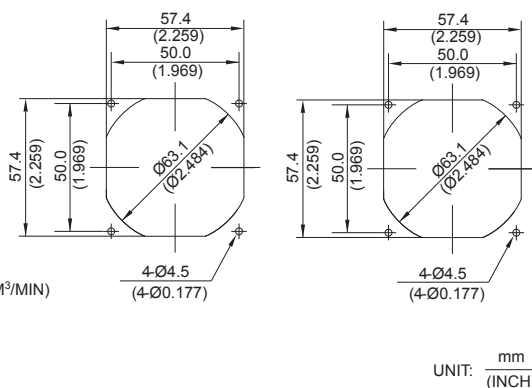
■ DIMENSIONS DRAWING



■ 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.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
THB0648BE	PWM/-F00	48	36.0 to 75.0	0.34	16.32	14700	1.943	68.60	73.30	2.886	61.5

- * 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.



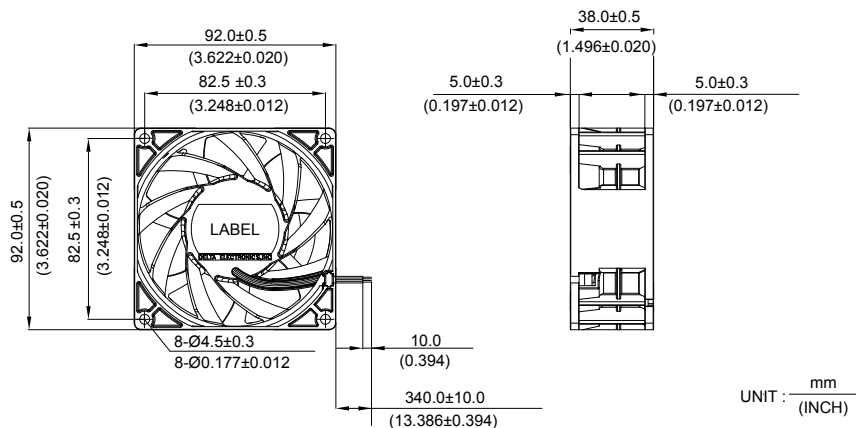
New



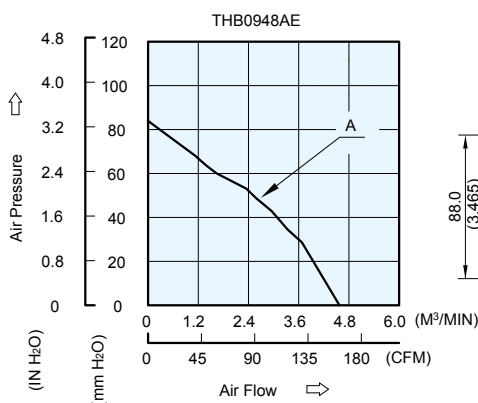
- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1061 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight : 225g (7.933 oz)

THB 92 x 92 x 38 MM SERIES

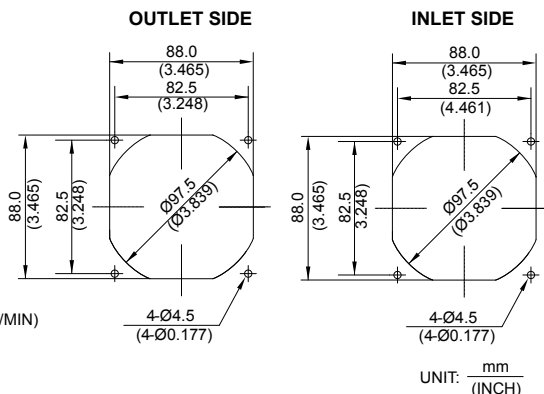
■ DIMENSIONS DRAWING



■ 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	mmH₂O	IN H₂O	dB-A
THB0948AE	PWM/-F00	48	36.0 to 60.0	0.76	36.50	13000	4.602	162.50	78.46	3.089	72.5

- * 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.



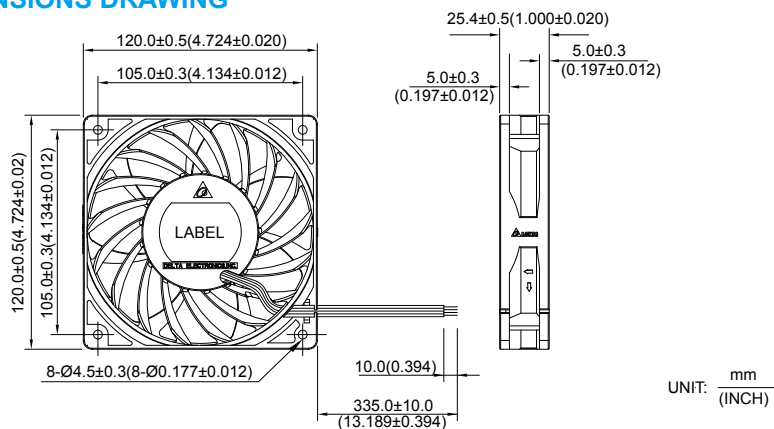
New



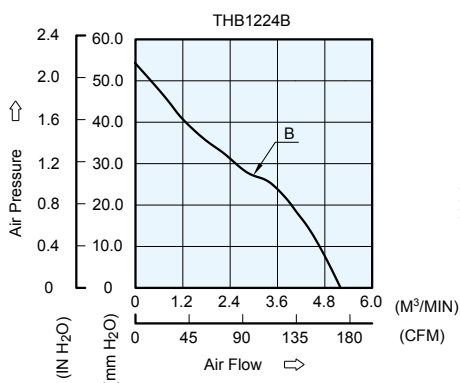
- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic(UL 94V-0)
- * Lead Wires :
UL1007 AWG#24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight : 250g (8.82 oz)

THB 120 x 120 x 25.4 MM SERIES

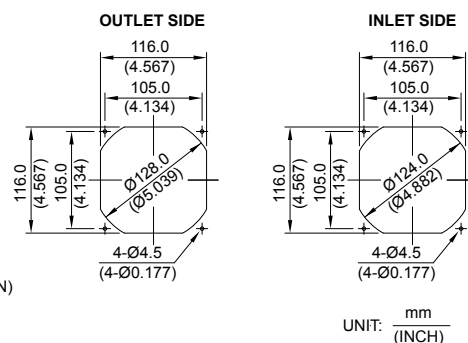
■ DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)



■ MOUNTING PANEL CUTOUT



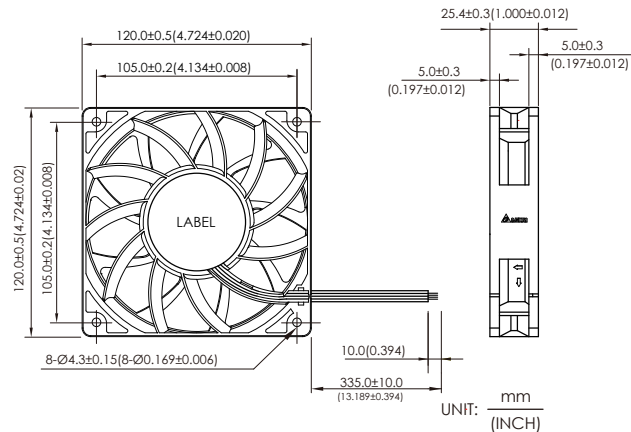
MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
THB1224B	PWM/-F00	24	18.0 to 27.5	0.95	22.80	8300	4.940	174.53	54.33	2.130	65.0

- * 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.



THB 120 x 25.4 MM SERIES

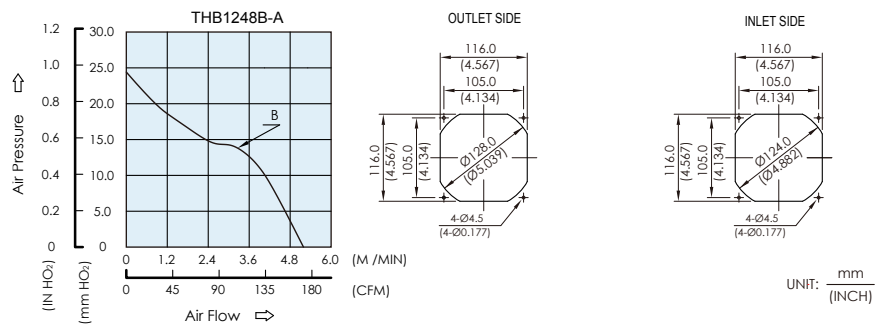
■ DIMENSIONS DRAWING



- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic (UL 94V-0)
Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1430 AWG #24 OR Equivalent
Red Wire Positive (+)
Black Wire Negative (-)
UL 1430 AWG #26 OR Equivalent
Blue Wire (F00)
Yellow Wire (PWM)
- * Weight : 198g (6.98 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.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
THB1248B	-A	PWM/F00	48	36.0 to 75.0	0.40	19.20	5300	5.280	186.57	24.43	0.962	59.0

- * 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.



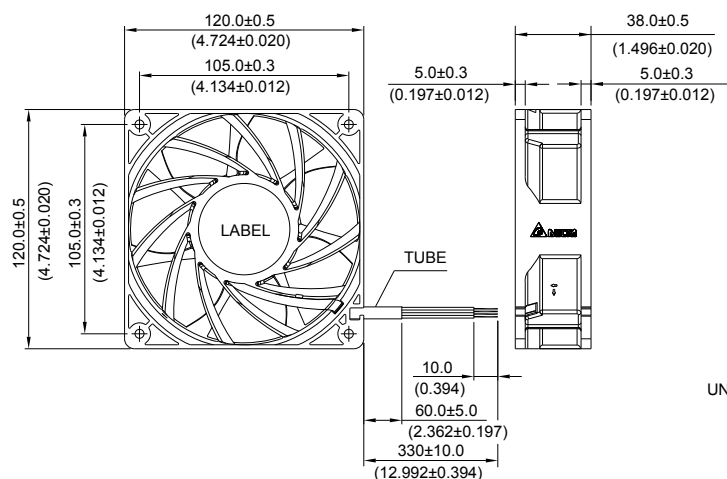
New



- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic(UL 94V-0)
Frame : Die-Cast Aluminum
- * Lead Wires :
UL1007 AWG#24 OR Equivalent
Black Wire Negative(-)
Red Wire Positive(+)
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight : 350g (12.356 oz)

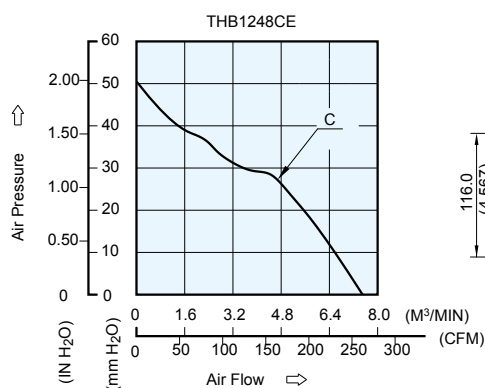
THB 120 x 120 x 38.0 MM SERIES

■ DIMENSIONS DRAWING

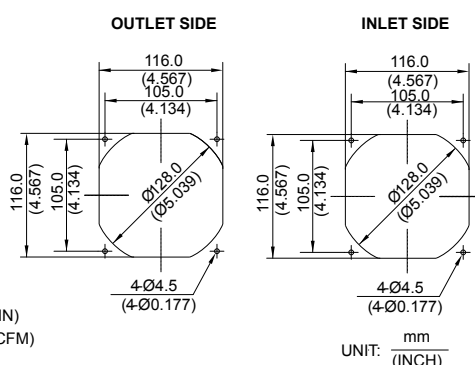


UNIT: $\frac{\text{mm}}{(\text{INCH})}$

■ P & Q CURVE (AT RATED VOLTAGE)



■ MOUNTING PANEL CUTOUT



UNIT: $\frac{\text{mm}}{(\text{INCH})}$

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.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
THB1248CE	PWM-F00	48	36.0 to 60.0	0.95	45.60	7800	7.360	262.00	52.44	2.065	70.0

- * 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.



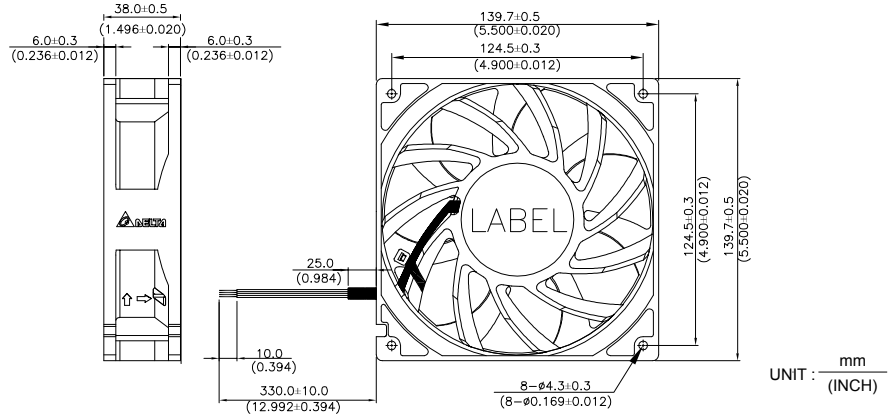
New



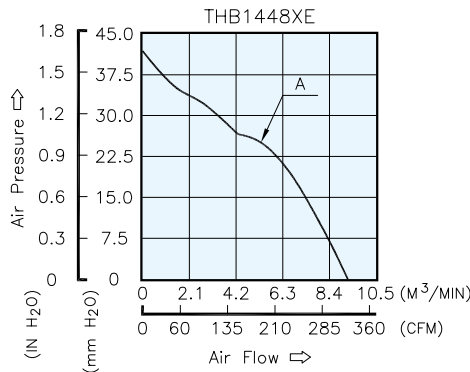
- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic (UL 94V-0)
Frame : Die-cast Aluminum
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight : 590g (20.81 oz)

THB 140 x 140 x 38 MM SERIES

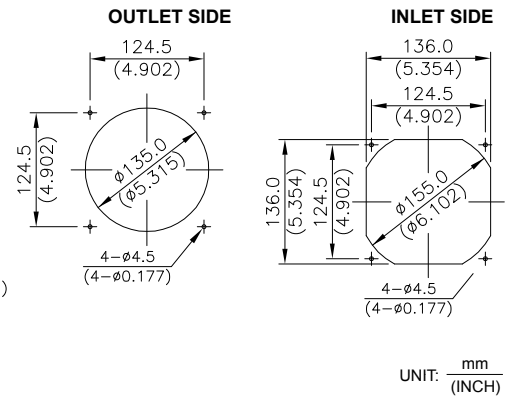
DIMENSIONS DRAWING



P & Q CURVE (AT RATED VOLTAGE)



MOUNTING PANEL CUTOUT



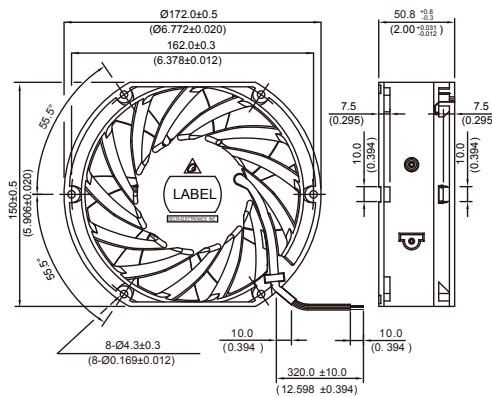
MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
THB1448AE	PWM / -F00	48	30.0 to 60.0	1.10	52.80	6100	9.230	325.90	41.85	1.648	66.8

- * 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.



THB 172 x 150 x 50.8 MM SERIES

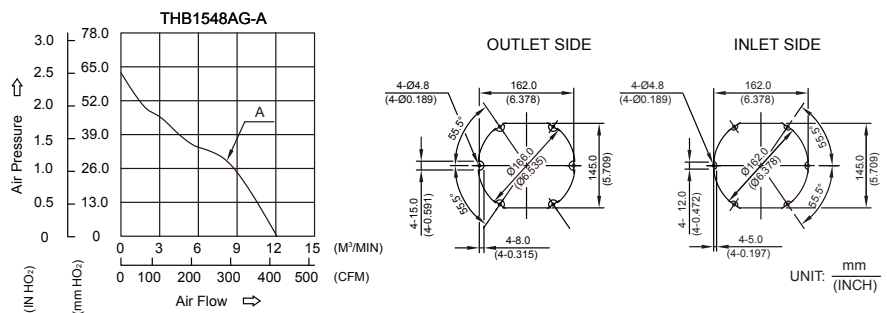
■ DIMENSIONS DRAWING



- * 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(PWM)
- * Weight : 890g (31.39 oz)

■ P & Q CURVE (AT RATED VOLTAGE)

■ MOUNTING PANEL CUTOUT



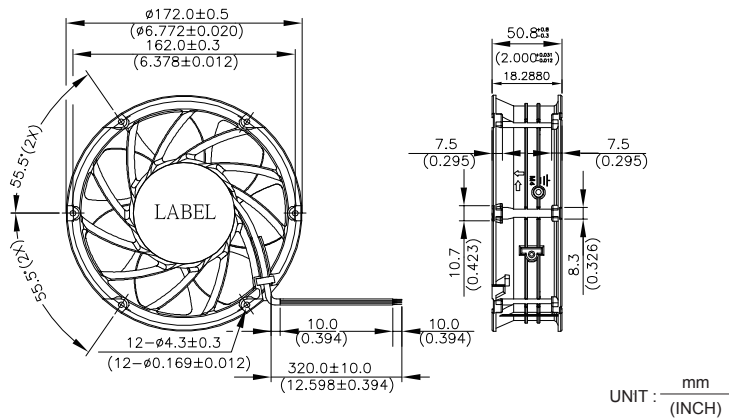
MODEL			Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
THB1548AG	-A	PWM / F00	48	30.0 to 72.0	1.72	82.5	6100	12.12	427.80	58.10	2.29	70.0

- * 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.



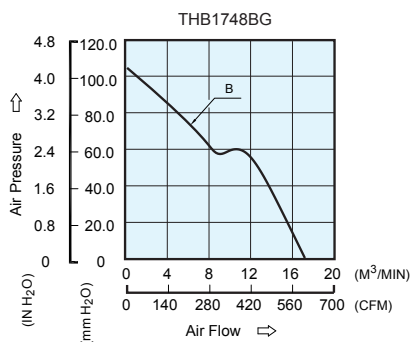
THB 172 x 172 x 50.8 MM SERIES

■ DIMENSIONS DRAWING

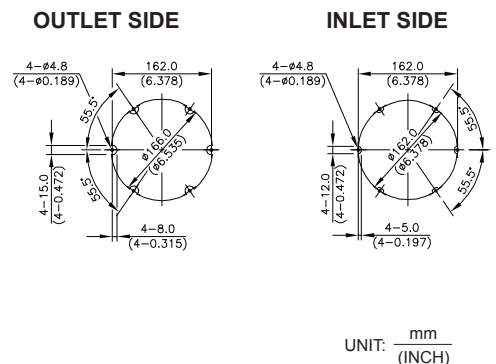


- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic (UL 94V-0)
Frame : Die-cast Aluminum
- * Lead Wires :
UL 1430 AWG #22 OR Equivalent
Red Wire Positive (+)
Black Wire Negative (-)
Blue Wire (F00)
Yellow Wire (PWM)
- * Weight : 920g (32.44 oz)

■ P & Q CURVE (AT RATED VOLTAGE)



■ MOUNTING PANEL CUTOUT



MODEL		Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed (Front/Rear)	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
THB1748BG	PWM/F00	48	36.0 to 56.0	3.50	168.00	8000	17.170	607.07	105.05	4.140	75.0

- * 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.



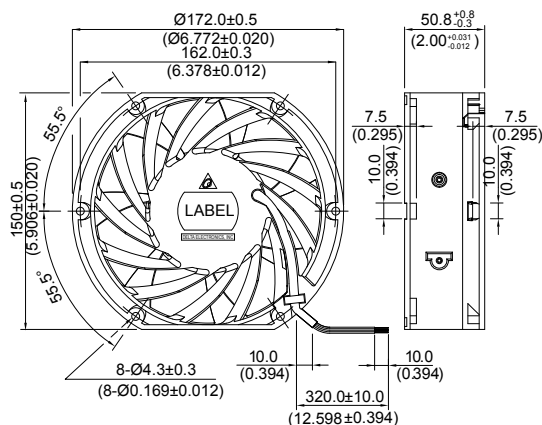
New



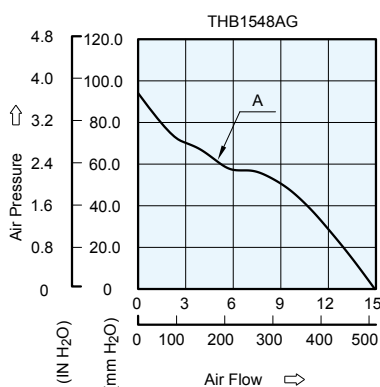
- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic(UL 94V-0)
Frame : Die-Cast Aluminum
- * Lead Wires :
UL1007 AWG#24 OR Equivalent
Black Wire Negative(-)
Red Wire Positive(+)
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight : 890g (31.39 oz)

THB 172 x 150 x 50.8 MM SERIES

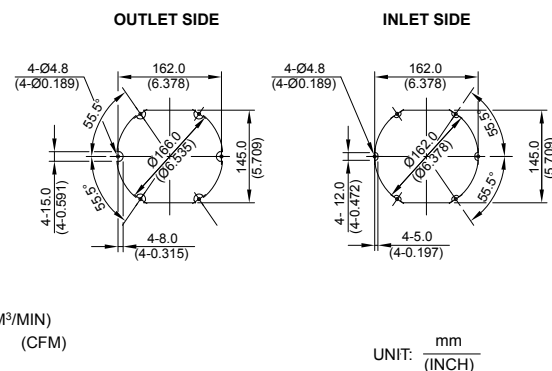
■ DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)



■ MOUNTING PANEL CUTOUT



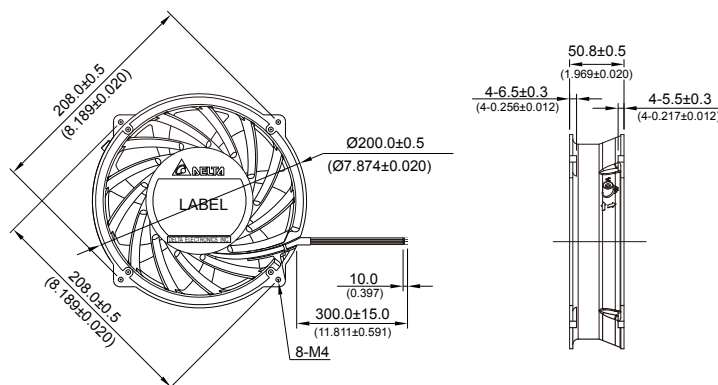
MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
THB1548AG	PWM/-F00	48	30.0 to 60.0	3.00	144.00	7500	14.930	527.47	95.92	3.780	77.0

- * 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.



THB 200 x 200 x 50.8 MM SERIES

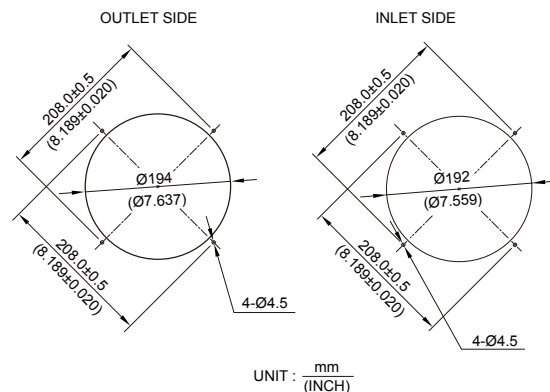
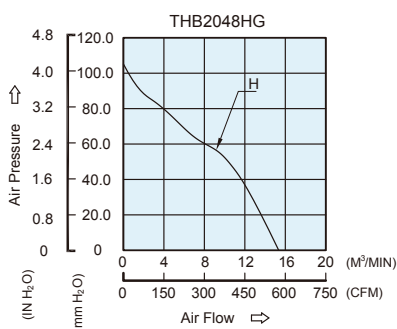
DIMENSIONS DRAWING



- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic(UL 94V-0)
Frame : Die-cast Aluminum
- * Lead Wires :
UL 1430 AWG #18 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
UL 1430 AWG #24 OR Equivalent
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight :
1300g (45.83 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.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
THB2048HG	-A	PWM & F00	48	36.0 to 59.0	4.20	201.6	7700	19.583	690.3	105.18	4.141	78.0

- * 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.

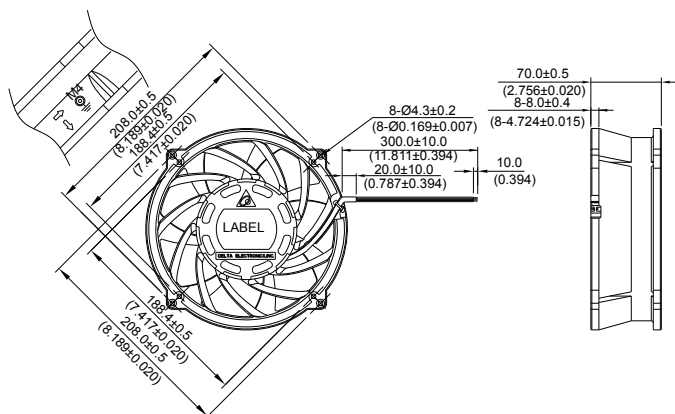


New



THB 200 x 200 x 70 MM SERIES

■ DIMENSIONS DRAWING

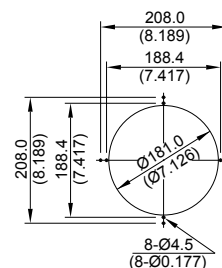
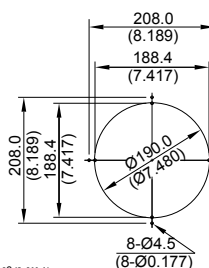
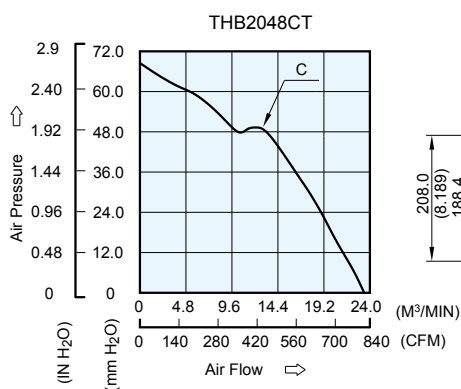


UNIT: mm
(INCH)

- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic (UL 94V-0)
Frame: Die-cast Aluminum
- * Lead Wires :
UL 1430 AWG #20 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
Blue Wire (F00)
Yellow Wire Speed Control (PWM)
- * Weight : 1600g (56.41 oz)

■ P & Q CURVE (AT RATED VOLTAGE)

■ MOUNTING PANEL CUTOUT



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.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
THB2048CT	PWM/-F00	48	36.0 to 75.0	4.80	230.00	5800	23.410	827.37	68.50	2.690	73.6

- * 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.