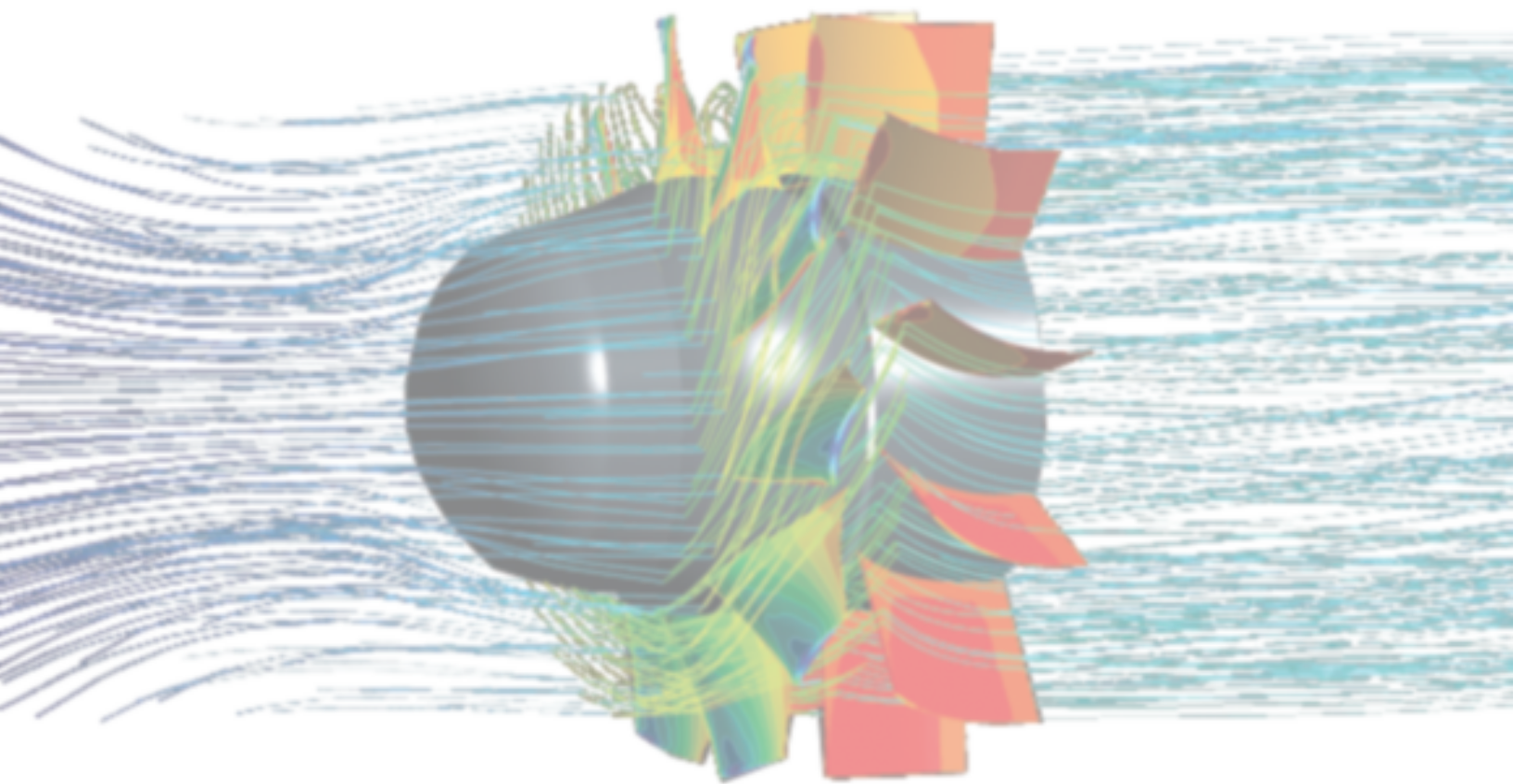




30x10, 35x10, 40x10 PWM Low Airflow DC Fans



 **STAY COOL**

800.580.6688
WWW.JMCPRODUCTS.COM



These super silent fans from JMC deliver efficient cooling for low-airflow applications.

These fans have such low acoustics that when run at lower speeds they are virtually inaudible. JMC's 'whisper' fans are ideal for applications with a small amount of space available, and that require only a slight breeze of airflow for efficient cooling. The 30x10, 35x10, and 40x10 PWM excel in low-profile set top boxes, stand alone storage units, spot coolers, and can even be IP rated for outdoor applications. These fans have sealed sleeve bearings (SSB), which aid in preventing leaks and dust entry for low-profile applications.

Features:

- Extremely low acoustics
- Compact design
- 40x10 available with Pulse Width Modulation (PWM)
- Soft start available?
- Sealed Sleeve Bearings (SSB)
- Available IP rating up to 56

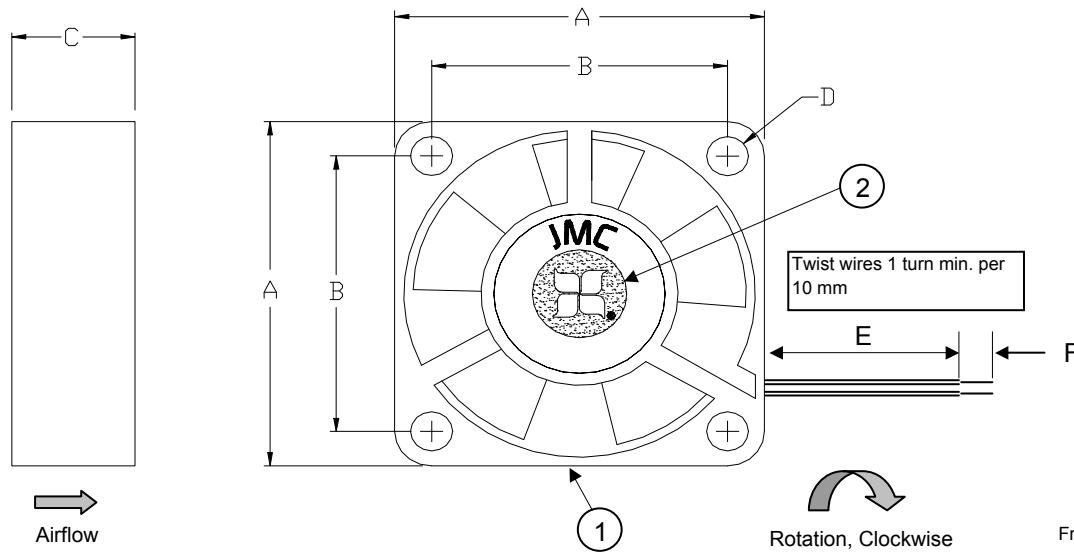


**40x10
available PWM**

Revision History				
EC No	REV	Date	Description	Approvals
NA	M	4/2/13	Created Dwg.	JE

NOTES

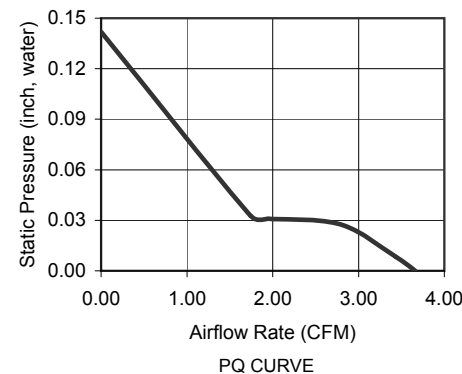
1. THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2011/65/EU



WIRE DESIGNATION	
Wire Color	Function
Black	GND (-)
Red	PWR (+)

All Dimensions in mm	
A	30 +/-0.5
B	24 +/- 0.3
C	10.2 +/- 0.5
D	3 X 3.2 +/- 0.3
E	300 +/- 25
F	6.4 +/- 1.0

MECHANICAL	ITEM	SPECIFICATION	UNITS / NOTES
	Speed	9500 +/- 15%	RPM at 12 Vdc
	Airflow	3.7	CFM in Free Air
	Static Pressure	0.14	Inch, H ₂ O
	Bearing Type	Ball, Dual	N/A
PHYSICAL	Operating Temp	(-)10 to 70	Deg C
	Storage Temp	(-) 40 to 70	Deg C
	Noise Level	29.6	dBA Max at 1M
	Blade Material	UL 94V-0	N/A
	Frame Material	UL 94V-0	N/A
ELECTRICAL	Wire Size	28	AWG
	Wire Type	UL1061	N/A
	Wire Assembly	Thru, Fan Depth	N/A
	Regulatory Approvals	UL CUL TUV	N/A
	Net Weight	TBD	Grams
	Operating Voltage	10.8 - 13.2	Vdc
	Start up Voltage	10.8	Vdc
	Start up PWM duty cycle	NA	%
	Rated Current	0.12	Amp
	Input Power	1.44	Watts
	Tach Output	NA	Pulses/Rev
	Polarity Protection	Yes	N/A
	Motor Protection	Yes	Type 2

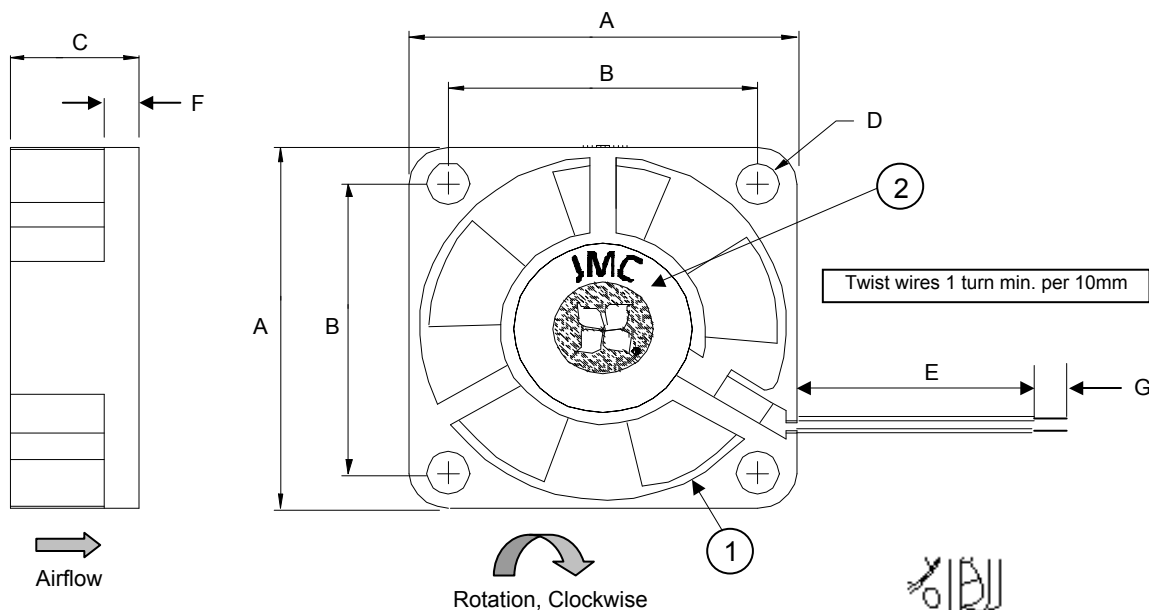
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2	1	Logo Label	L03000B0025	JMC
1	1	Fan Model	3010-12	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA Dong Guan, PRC		Fan, 30x10 mm, 12Vdc, MRKT		
Drawn By A. Aguirre		The Fan Company		
Engineer J. Elmo		Size A1	Drawing Number 03000B0025	Rev M
Scale: None			Sheet 1 of 1	

PROPRIETARY NOTE

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Frame Type (Closed Barrell)

WIRE DESIGNATION	
FUNCTION	WIRE COLOR
GND (-)	Black
PWR (+)	Red

All Dimensions in mm	
A	35 +/-0.3
B	29 +/- 0.2
C	10.3 +/- 0.3
D	4 x 3.2 +/- 0.2
E	300 +/- 30
F	3.0 REF.
G	6.4 +/- 1.0

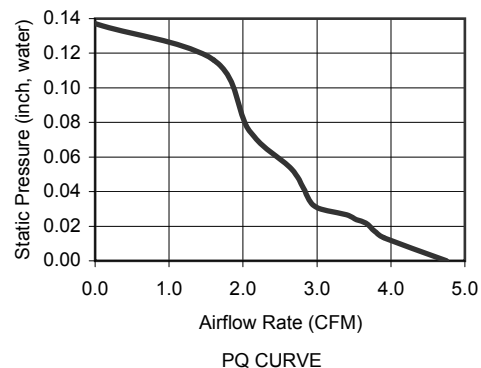
Revision History				
EC No	REV	Date	Description	Approvals
NA	M	4/8/13	Created Dwg.	JE

NOTES

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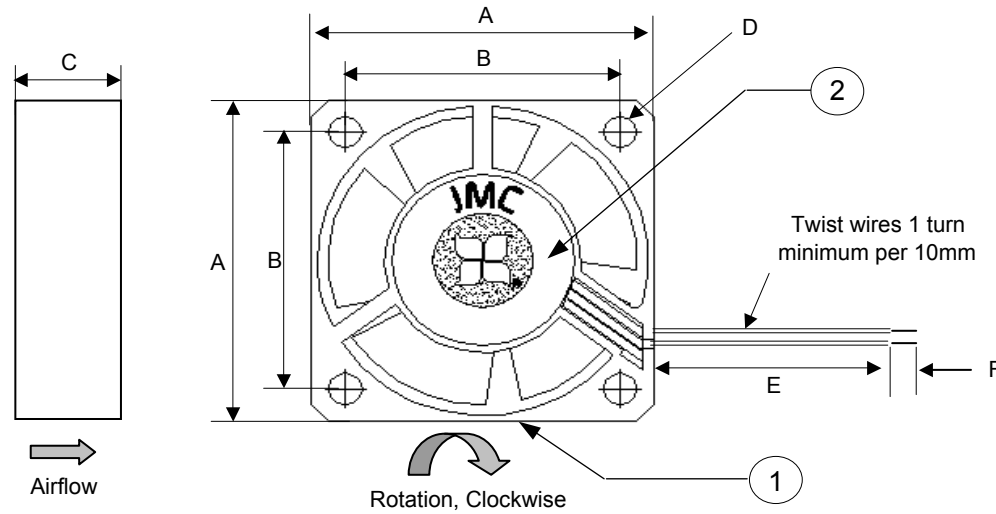


2	1	Logo Label	L03500B0026	JMC
1	1	Fan Model	3510-12 533Y	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA Dong Guan, PRC		JMC The Fan Company		
Drawn By A. Aguirre		Size A1	Drawing Number 03500B0026	Rev M
Electrical Engineer J. Elmo		Scale: None		Sheet 1 of 1

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Revision History				
EC No	REV	Date	Description	Approvals
NA	M	4/8/2013	Created Dwg.	JE



Frame Type (Closed Barrell)

WIRE DESIGNATION	
Wire Color	Function
Black	GND (-)
Red	PWR (+)

All Dimensions in mm	
A	40 +/- 0.5
B	32 +/- 0.3
C	10.5 +/- 0.5
D	4 x 3.5 +/- 0.3
E	300 +/- 25
F	6.4 +/- 1.0

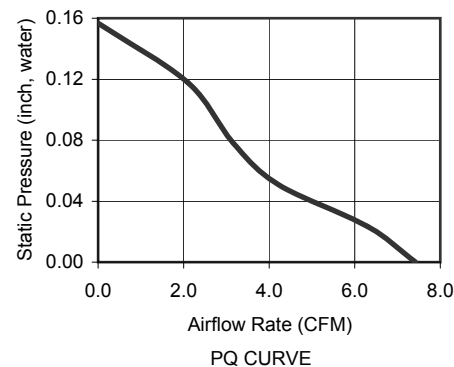
	ITEM	SPECIFICATION	UNITS / NOTES
MECHANICAL	Speed	7000 +/- 10%	RPM at 12 Vdc
	Airflow	7.4	CFM in Free Air
	Static Pressure	0.16	Inch, H ₂ O
	Bearing Type	Dual Ball	N/A
	Operating Temp	(-)10 to 70	Deg C
	Storage Temp	(-) 40 to 70	Deg C
	Noise Level	31.3	dBA Max at 1M
PHYSICAL	Blade Material	UL 94V-0	N/A
	Frame Material	UL 94V-0	N/A
	Wire Size	28	AWG
	Wire Type	UL 1007	N/A
	Wire Assembly	First Slot	N/A
	Regulatory Approvals	UL CUL TUV	N/A
ELECTRICAL	Net Weight	TBD	Grams
	Operating Voltage	10.8 - 13.2	Vdc
	Starting Voltage	10.8	Vdc
	Rated Current	0.10	Amp
	Input Power	1.20	Watts
	Tach Output	N/A	Pulses/Rev
	Polarity Protection	Yes	N/A
	Motor Protection	Yes	Type 2


NOTES

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2	1	Logo Label	L04000B0039	JMC
1	1	Fan Model	4010 - 12	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA Dong Guan, PRC		 Fan, 40 x 10 mm, 12Vdc, Dual Ball, MRKT		
Drawn By A. Aguirre		Size A1	Drawing Number 04000B0039	Rev M
Engineer J. Elmo		Scale: None Sheet 1 of 1		

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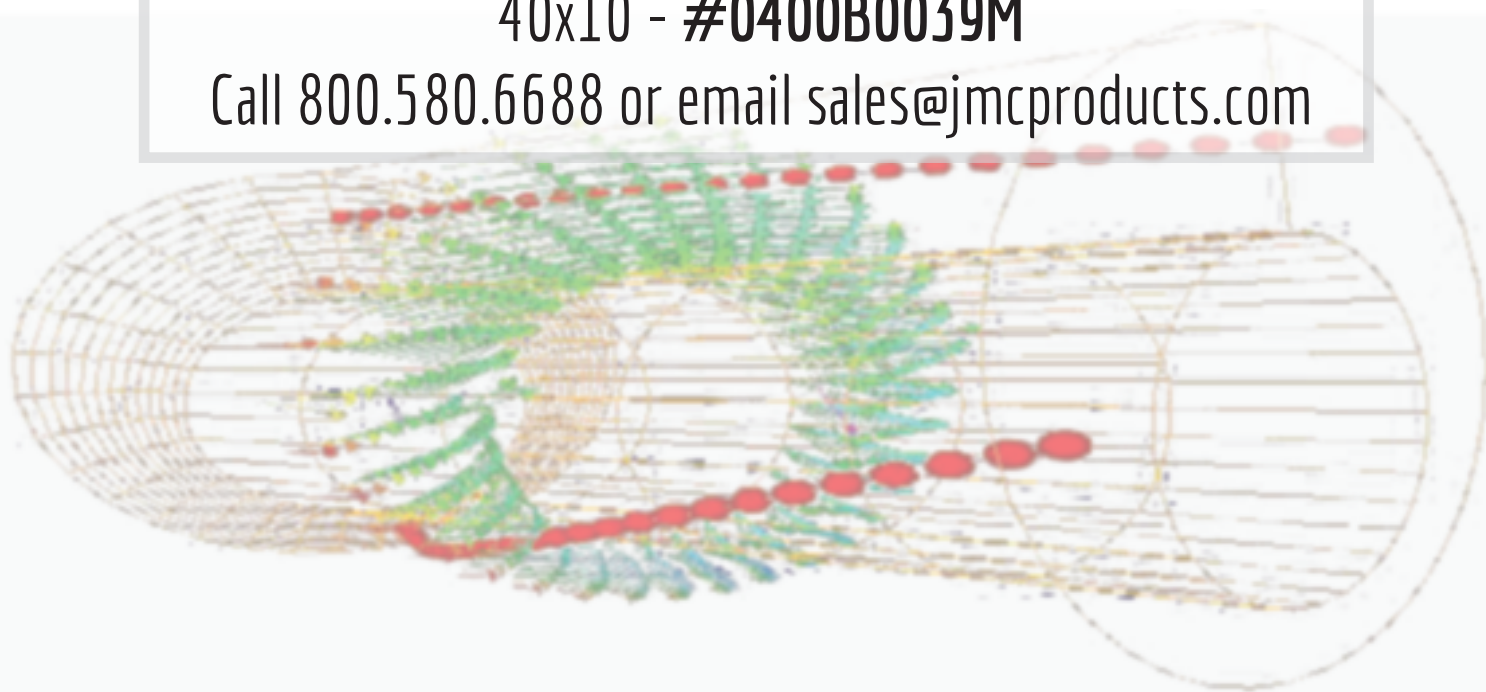
Samples of these superior DC Fans
are available right now! Item numbers below:

30x10 - **#0300B0025M**

35x10 - **#03500B0026M**

40x10 - **#0400B0039M**

Call 800.580.6688 or email sales@jmcproducts.com



About JMC Products

JMC is a thermal solutions provider with headquarters located in the beautiful city of Austin, Texas. Application development and customer support reside in the Austin headquarters, while manufacturing occurs at JMC's Dong Guan, China 60,000 square ft. facility. In addition, JMC has application centers in Europe and Taiwan. JMC sells its products to major Original Equipment Manufacturers (OEM) in Europe, Asia and the Americas. JMC focuses on developing and innovating high performance, reliable air-moving devices that are utilized in consumer electronics, personal computers, networking, storage and server applications. Our exceptional products and customer support insure our customers always STAY COOL.



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