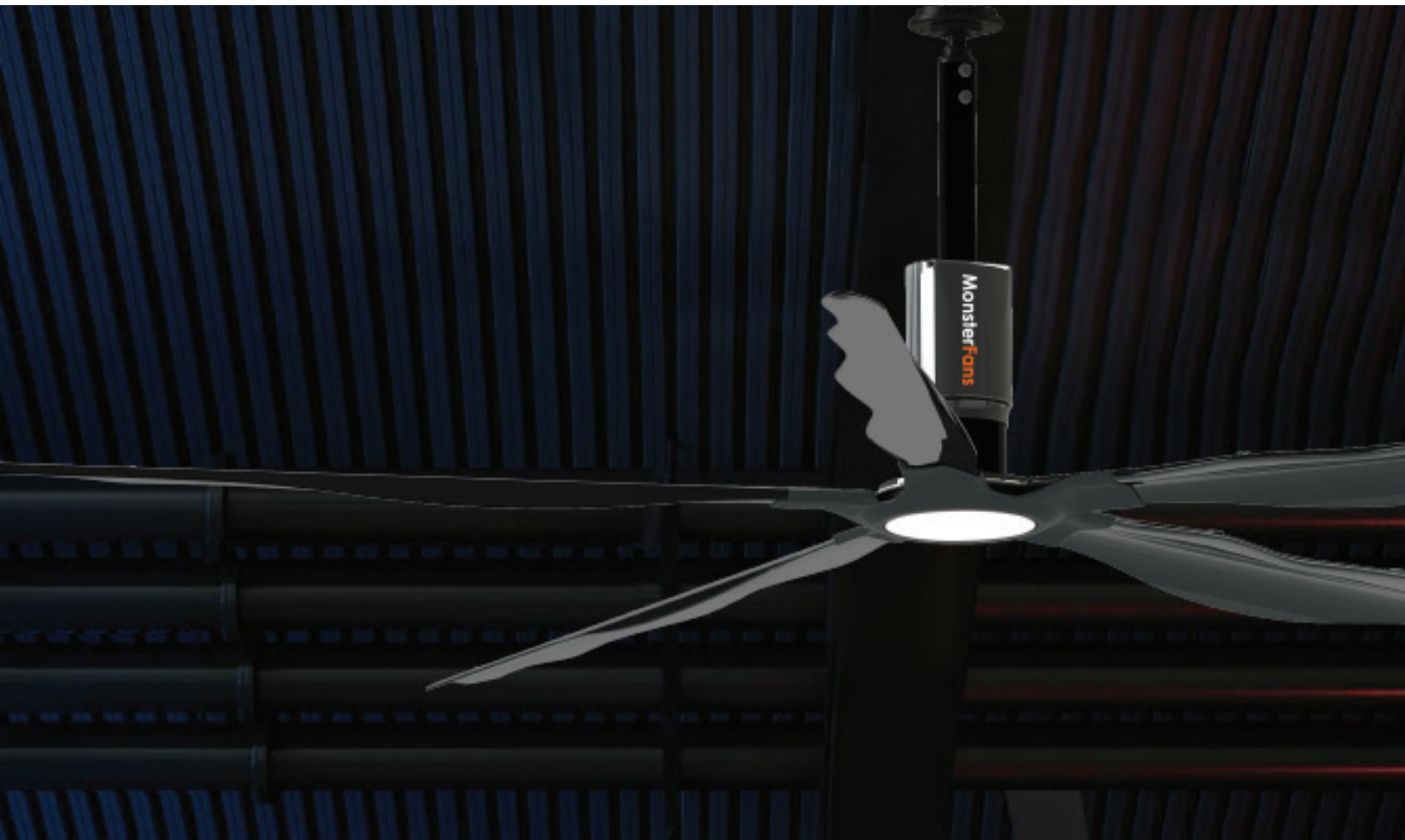




MonsterFans Style Series

Submittal

Gearless Direct-Drive HVLS Fan



See Mounting Applications

[3 mm] 3/32" Aluminum Crimp
[2] [3 mm] 1/8" Cable Clamp Zinc

MonsterFans Style Series
Motor Assembly

Mount Assembly Optional
Custom Lengths Available

[5] Blades [Not Shown]

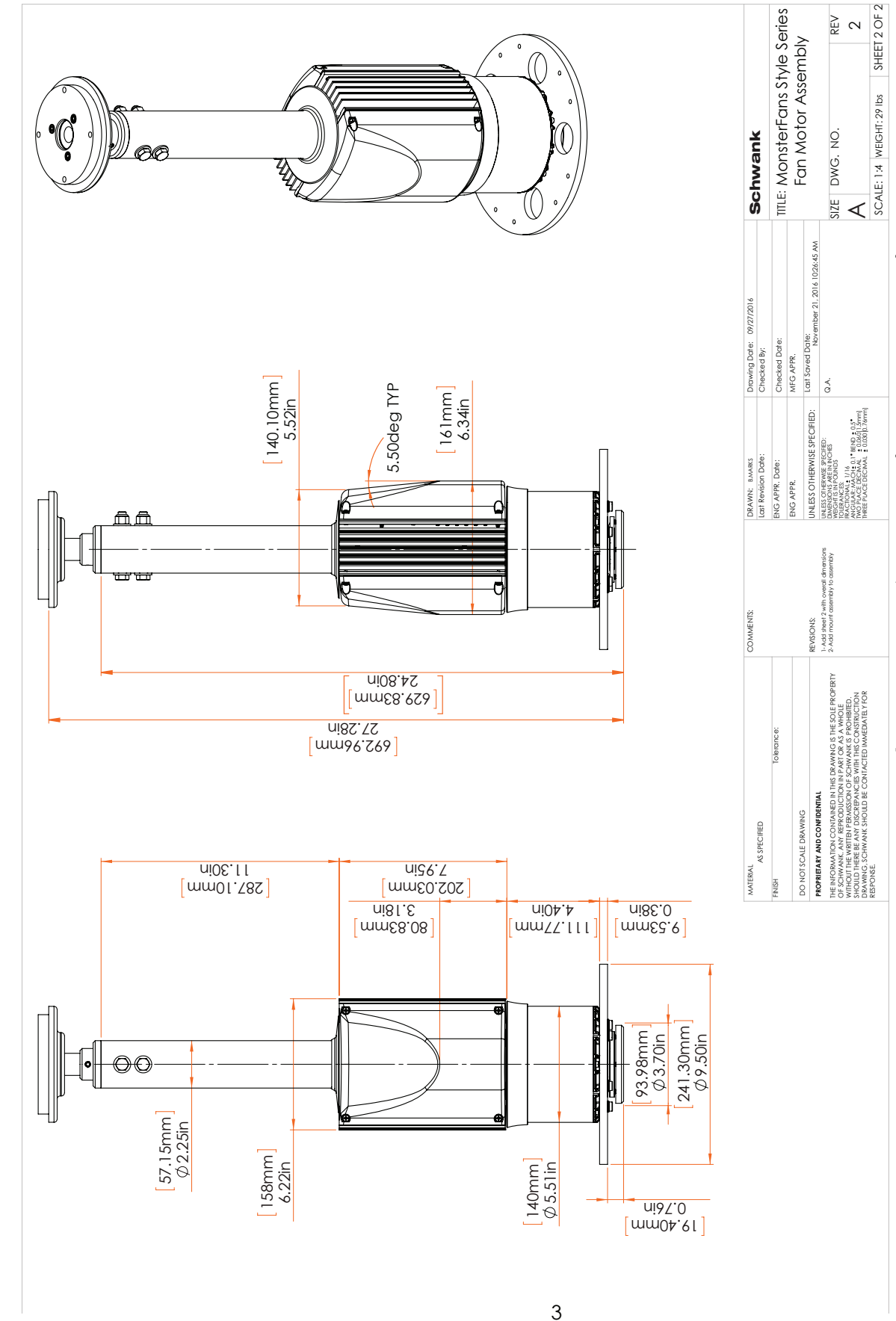
Hub Cover

LED Light Kit or Lens [below]

Note: All bolts are "class 8.8"
FT = Fully Threaded
[#] = Quantity Supplied



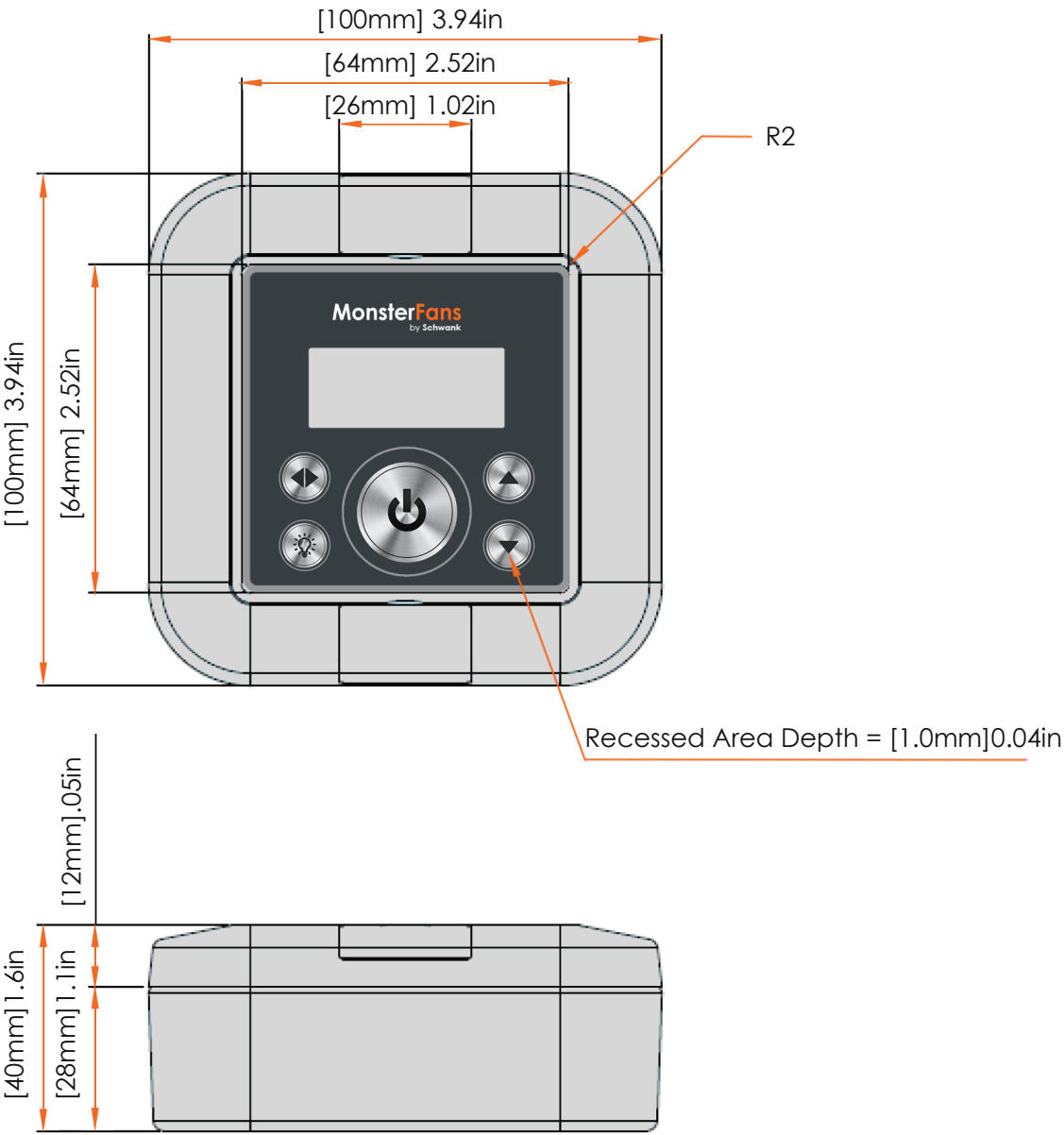
Slate Radiance Cobalt Alabaster Sterling Onyx Custom



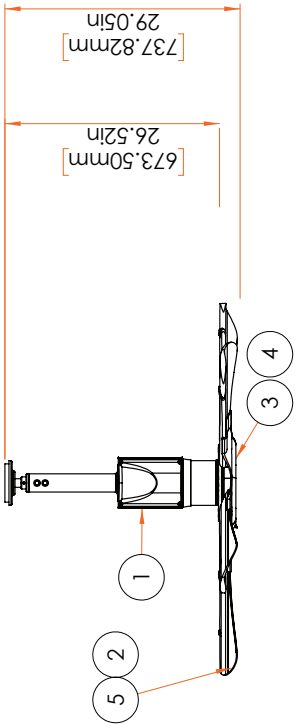
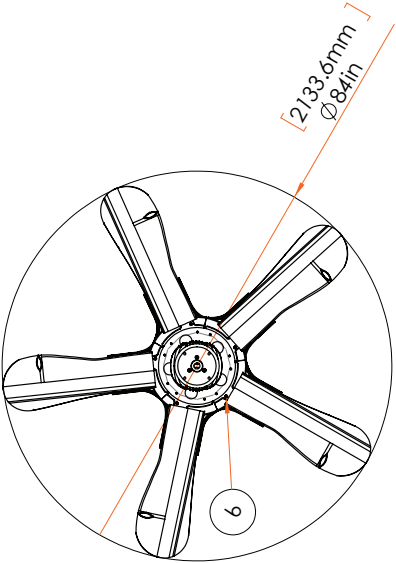
MonsterFans Style Series Fan Specifications

MODEL	7 ft [2.1 m]	8 ft [2.4 m]	9 ft [2.7 m]	10 ft [3 m]
Model #	MF-ST07-GY	MF-ST08-GY	MF-ST09-GY	MF-ST10-GY
Input power	104 - 277 V [50 / 60 Hz]			
Diameter	7 ft [2.1 m]	8 ft [2.4 m]	9 ft [2.7 m]	10 ft [3 m]
Weight	70 lbs [31.8 kgs]	75 lbs [34.0 kgs]	80 lbs [36.3 kgs]	85 lbs [38.5 kgs]
Airflow	27,000 CFM	35,000 CFM	39,000 CFM	45,000 CFM
Max. affected area	1,850 sq ft [172 m2]	2,100 sq ft [195 m2]	2,500 sq ft [232 m2]	2,800 sq ft [260 m2]
Power usage	264 W [2.2 amps at 120 V]			
Max. rotational speed	0 – 120 RPM			
Torque	52 lbs			
Noise level	39 dBA			
Motor	Transverse Flux Brushless DC Motor			
Motor efficiency	92%			
Motor housing	AISI 383 Aluminum Alloy			
Insulation class	B			
IP rating	54			
Max. ceiling slope	18.5°			
Blades	5 Injection Molded Fiber Filled Polypropylene blades			
Blade mount plates	Zinc Coated Steel			
Mounting	Versatile universal mounting system and hardware included with fan			
Safety cables	3/32" Stainless Steel Cable			
Control	Includes standard keypad, LCD screen and cable included Speed Up/Slow Down, Forward/Reerse, On/Off			
Warranty	3-year Limited Warranty			
Standard color finish	Slate, Radiance, Cobalt, Alabaster, Sterling, Onyx			
Certification	UL Standard, CSA Standard & CE			
Options	Optional mounting extension kits Fire-relay			

MonsterFans Style Series Fan Control Assembly



7 ft [2.1 m] MonsterFans Style Series Fan Spec Drawing



Item #	Description	Qty
1	MonsterFans Style Series Fan Motor Assembly	1
2	MonsterFans Style Series Fan Black PP Blade	5
3	MonsterFans Style Series Fan Hub Cover-Black	1
4	MonsterFans Style Series Fan LED-Light-Kit	1
5	1/4" X 5/8" LG-Serrated Flanged Hex Head Cap Screw	20
6	#8-32 X 1 3/8" Pan Head Phillips Machine Screw	5

Material: AS SPECIFIED	Comments: ALL COMPONENTS APPLY FOR MONSTERFANS MF-ST07-GY TO MF-ST07-GY	Drawn: B.MARKS Last Revision Date:	Drawing Date: 10/06/2016
Finish: AS SPECIFIED	Tolerance:	Checked By:	Checked Date:
DO NOT SCALE DRAWING	REVISIONS: 1. For information only, assembly to be assembled with motor supplied.	MFG APPR.	MFG APPR.
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SCHWANK. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFIC WITHOUT THE WRITTEN PERMISSION OF SCHWANK'S PROHIBITED. IF THERE ARE ANY DISCREPANCIES WITH THIS CONSTRUCTION, PLEASE CONTACT SCHWANK. SCHWANK SHOULD BE CONTACTED IMMEDIATELY FOR RESPONSE.	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FRACTIONS 1/16" > 1/8" = 0.125" DECIMALS ± 0.001 (1/1000) THREE PLACE DECIMAL ± 0.003 (3/1000)	Last Approved Date: January 17, 2018 9:29:00 AM	Q.A.
		Size	DWG. NO.
		B	MF-ST07-GY
		Scale: 1:2	Weight: 69 lbs
			Sheet 1 OF 1

Schwank

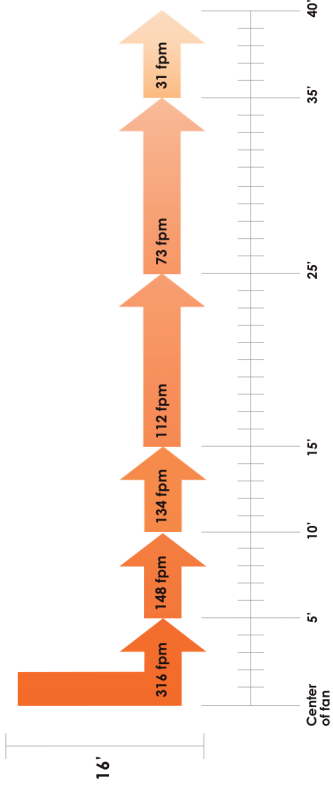
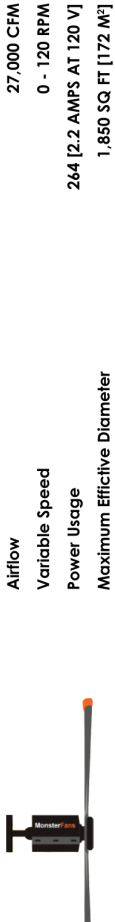
Title: MonsterFans Style Series Fan Assembly w/Light

REV 1



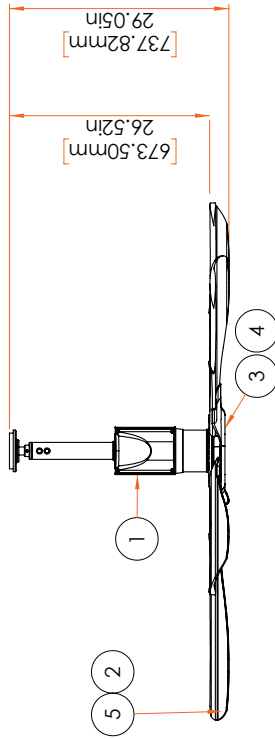
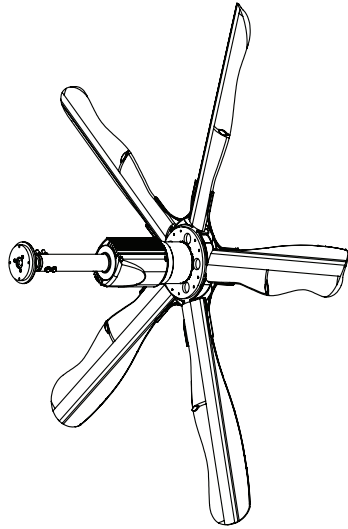
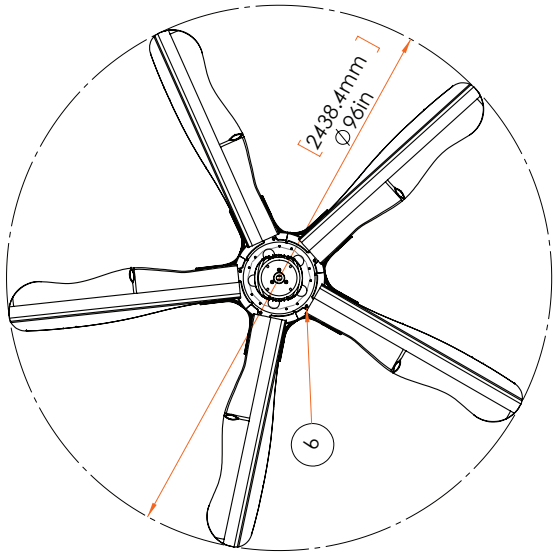
Velocity Map
7' [2.1m] diameter

Performance



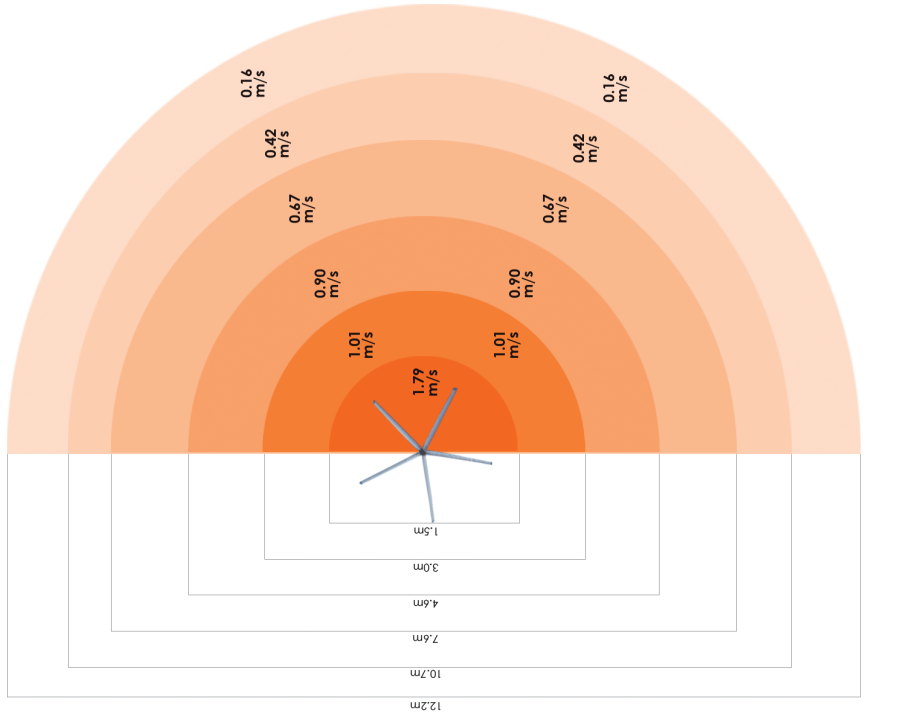
Conditions:
Test results are based on a blade mounting height of 16' [4.9m] from the floor. Results were measured 1' [0.3m] off the floor. Average air speeds were utilized as actual air velocity from fan is gusting. Results will vary depending on testing conditions.

8 ft [2.4 m] MonsterFans Style Series Fan Spec Drawing



Item #	DESCRIPTION	QTY:
1	Monstercfans Style Series Fan Motor Assembly	1
2	Monstercfans Style Series Fan Hub PP Blade	5
3	Monstercfans Style Series Fan Hub Cover-Black	1
4	Monstercfans Style Series Fan LED-Light Kit	1
5	1/4" X 5/8" LG-Serrated Flanged Hex Head Cap Screw	20
6	#8-32 X 1.318" Pan Head Phillips Machine Screw	5

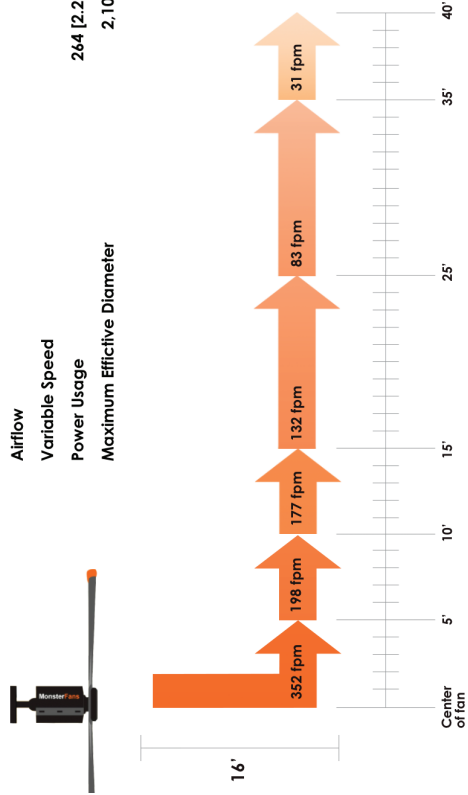
MATERIAL AS SPECIFIED	COMMENTS: ALL COMPONENTS APPLY FOR MONSTERFANS MF-ST08-GY TO MF-ST08-GY	DRAWN: 8/26/2016 Checked By: Checked Date: ENG APPR. Date: Checked Date: MFG APPR. Lat Revision Date: 10/06/2016	Schwank
FINISH AS SPECIFIED	Tolerance:	ENG APPR. MFG APPR. Lat Revision Date: 10/06/2016	
DO NOT SCALE DRAWING		Lat Revision Date: 10/06/2016	
PROPRIETARY AND CONFIDENTIAL	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SCHWANK FAN COMPANY. IT IS TO BE USED FOR THE MANUFACTURE OF THE PARTS SPECIFIED HEREIN WITHOUT THE WRITTEN PERMISSION OF SCHWANK. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF SCHWANK SHOULD BE CONTACTED IMMEDIATELY FOR RESPONSE.	REVISIONS: 1. Initial amount quantity to be assembled 2. Initial amount quantity to be assembled	
		UNLESS OTHERWISE SPECIFIED: UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN PARENTHESES FRACTIONS: 1/16" ± .005" ± .001" DECIMALS: .001" ± .0005" ± .0001" TWO PLACE DECIMAL ± 0.001" (3mm) THREE PLACE DECIMAL ± 0.001" (3mm)	SIZE DWG. NO. REV B MF-ST08-GY 1
		SCALE: 1:2 WEIGHT: 69 lbs	SHEET 1 OF 1



Velocity Map

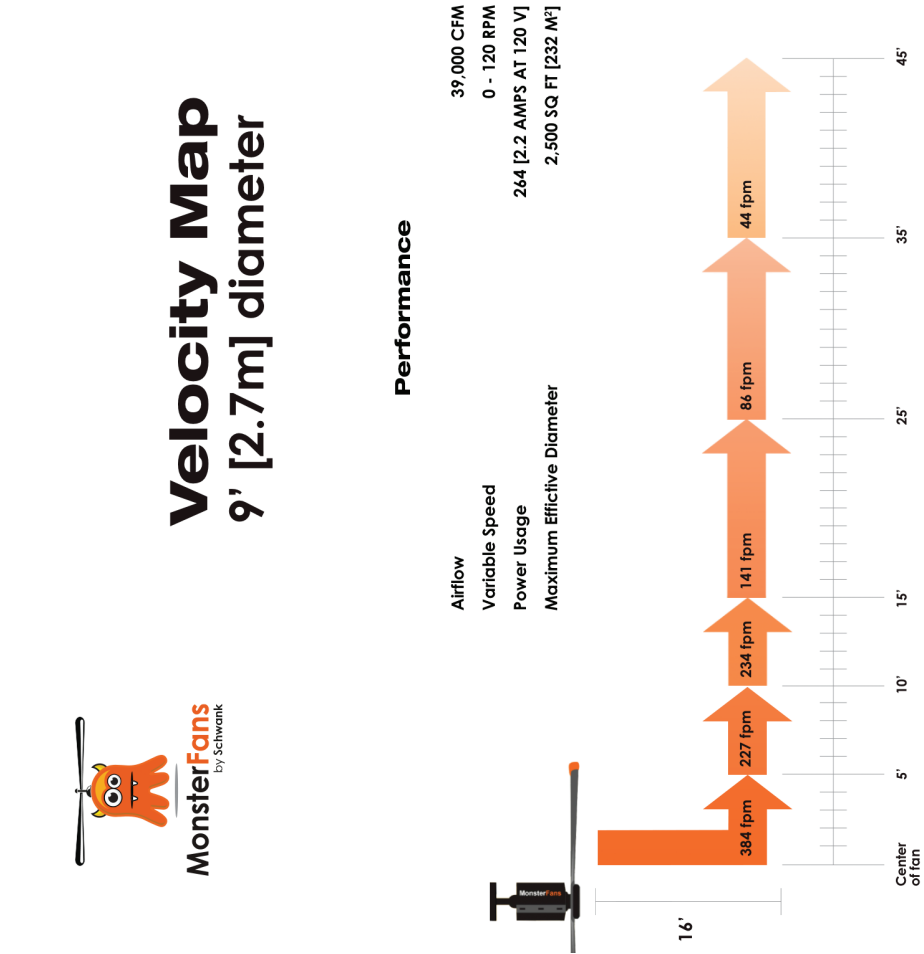


Performance



Conditions:

Test results are based on a blade mounting height of 16' [4.9m] from the floor. Results were measured 1' [0.3m] off the floor. Average air speeds were utilized as actual air velocity from fan is gusting. Results will vary depending on testing conditions.



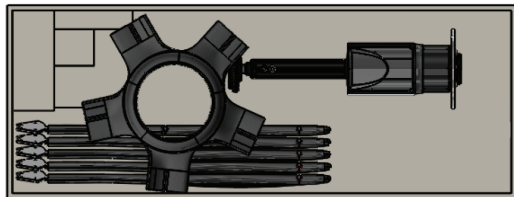
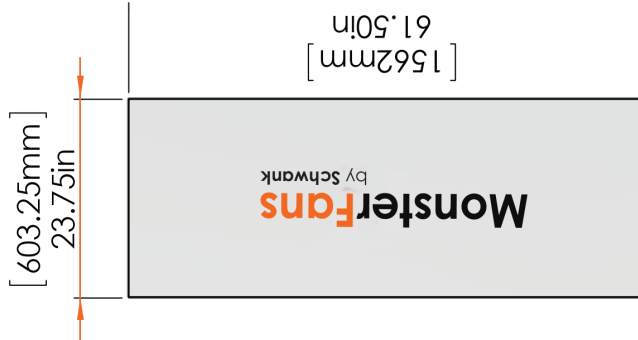
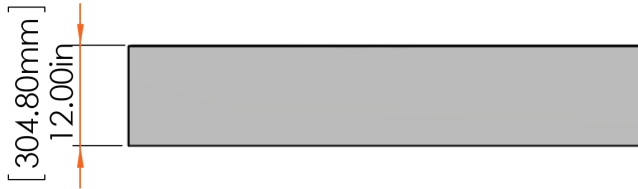
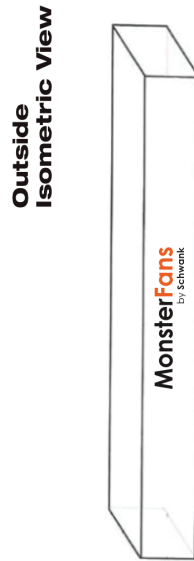
Conditions:

Technical drawing of a fan assembly showing a top view and a side view. The top view shows a five-bladed fan with a central hub and a circular frame. Dimensions include a total diameter of 120.19 inches, a blade width of 3052.76mm, and a hub diameter of 673.50mm. The side view shows the fan's profile with dimensions for the blade length (737.82mm) and the hub height (29.05in). A table on the right lists the parts and their quantities.

Item #	DESCRIPTION	QTY.
1	Monstefans Style Series Fan Motor Assembly	1
2	Monstefans Style Series Fan Black PP Blade	5
3	Monstefans Style Series Fan Hub Cover-Black	1
4	Monstefans Style Series Fan LED-Light-Kit	1
5	1/4" X 5/8" LG-Serrated Flanged Hex Head Cap Screw	20
6	#8-32 X 1 3/8" Fan Head Phillips Machine Screw	5



MonsterFans Style Series Fan Packaging Details

							
Inside Top View Packaged Fan		Outside Top View		Outside Side View		Outside Isometric View	
MATERIAL AS SPECIFIED		COMMENTS:		DRAWN		Schwank	
FINISH		Note: Contractor is responsible for verifying all site conditions to include field dimensions where applicable. If the contractor elects to make any changes without notifying Schwank the contractor is responsible for the same. All drawings are to be used as general architectural intent only unless otherwise stamped. See Engineering drawings for structural design information. Contractor to ensure that all building departments and authorities are informed in regard to the work and that all permits are obtained before commencing the work.		Checked By:		TITLE:	
VENDORS NUMBER:		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FRACTIONAL: 1/16 DECIMAL: 0.1 * BEND ± 0.5" TWO PLACE DECIMAL ± 0.06(1.5mm) THREE PLACE DECIMAL ± 0.009(0.7mm)		Last Revised Date:		PACKAGING	
DO NOT SCALE DRAWING		REVISIONS:		Last Saved Date: January 13, 2017 1:15:42 PM		SIZE DWG. NO. REV	
PROPRIETARY AND CONFIDENTIAL		1-Reduce overall size of box for 2nd generation		A		1	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SCHWANK. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SCHWANK IS PROHIBITED. SHOULD THERE BE ANY DISCREPANCIES WITH THIS CONSTRUCTION DRAWING, SCHWANK SHOULD BE CONTACTED IMMEDIATELY FOR RESPONSE.				SCALE: 1:20		WEIGHT:.. SHEET 1 OF 1	



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