



# Jazz FANS

## QUOTATION SUBMITTAL

Tel: 1-519-527-2198 Fax: 1-519-527-2560 Toll Free: 1-886-771-7766

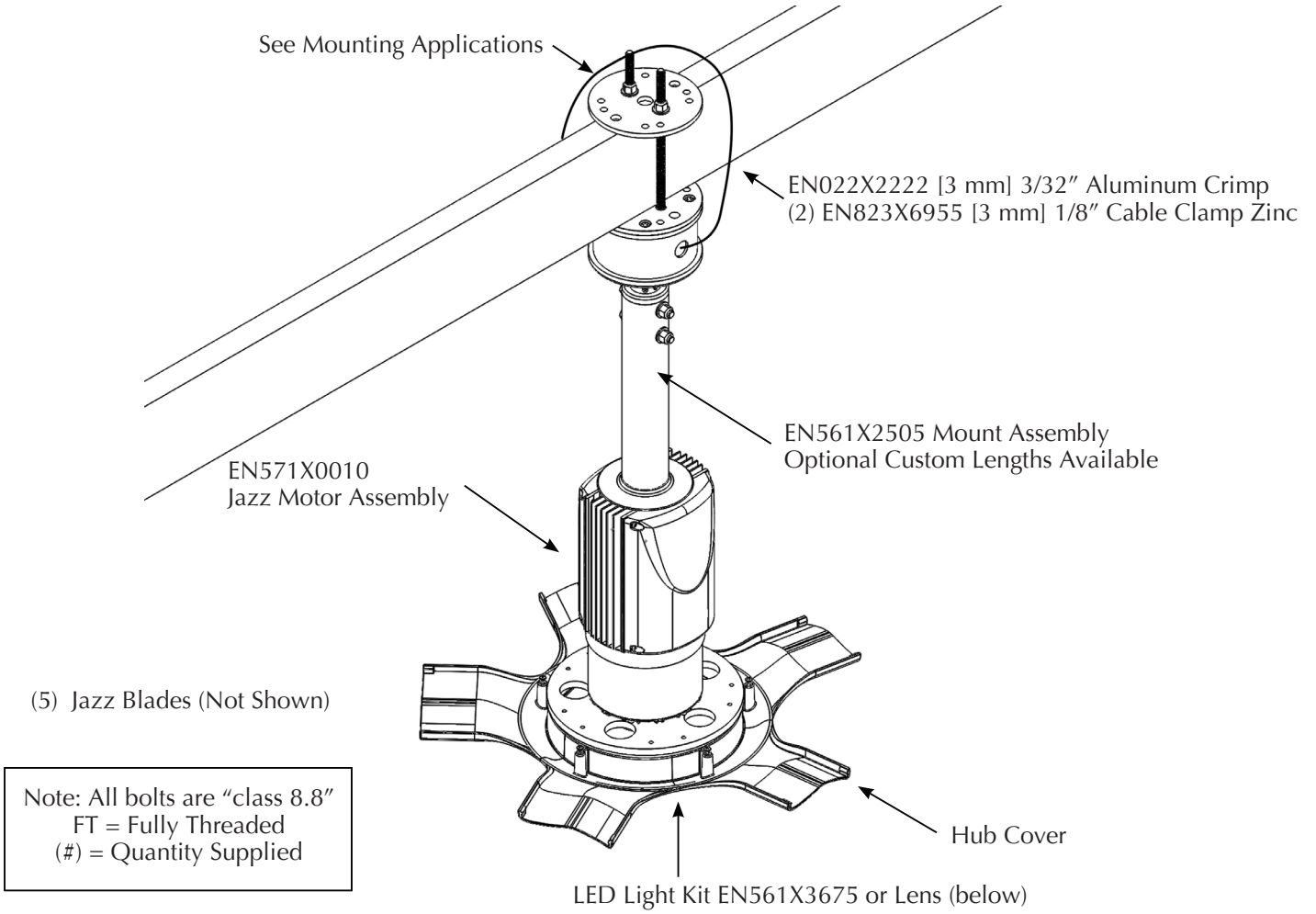
[bigair@enviranorth.com](mailto:bigair@enviranorth.com)

92 Railway St. P.O Box 668 Seaforth, Ontario Canada N0K 1W0

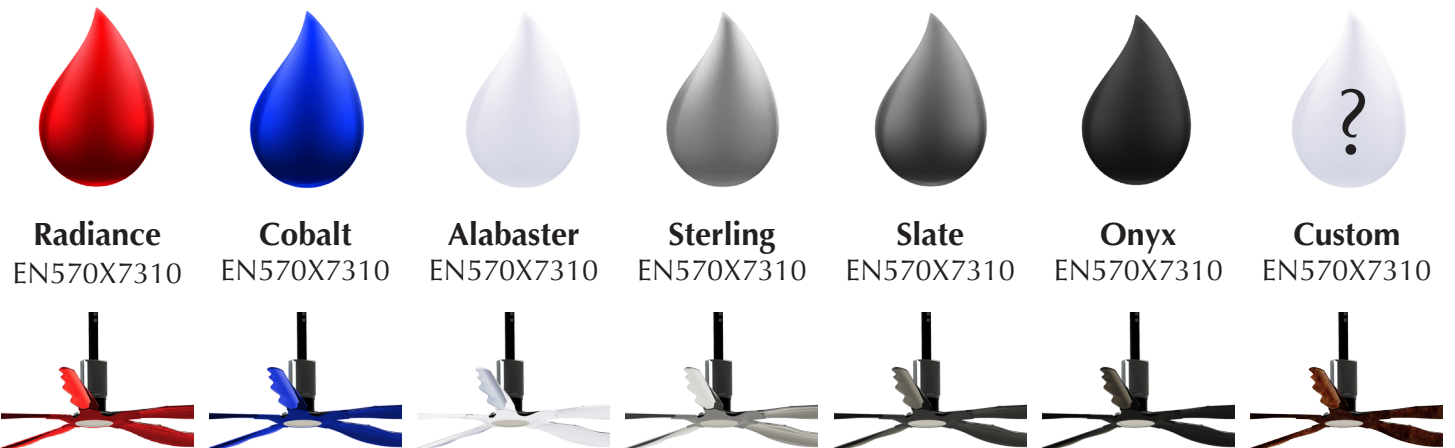
[myjazzfan.com](http://myjazzfan.com)



# FAN COMPONENTS DIAGRAM



## MODEL NUMBERS



# 3 M (10') JAZZ FAN SPEC DRAWING

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EN571X0010	JAZZ MOTOR ASSEMBLY	1
2	EN501X2000	JAZZ BLACK PP BLADE	5
3	EN501X1000	JAZZ HUB COVER - BLACK	1
4	EN501X0000	BLACK LENS	1
5	EN823X6030	1/4" X 5/8" LG-SERRATED FLANGED HEX HEAD CAP SCREW	20
6	EN823X6119	#6-32 X 1 3/8" PAN HEAD PHILLIPS MACHINE SCREW	5

**Envira-North Systems Ltd.**  
**TITLE: JAZZ GEARLESS FAN ASSEMBLY**

© U.S. Envira-North Systems, Inc. (A DIVISION OF PRODUCTION INDUSTRIES)  
**SIZE DWG. NO. REV**  
**B EN570X0010 1**

SCALE: 1:2 WEIGHT: 66 lbs SHEET 1 OF 1

**COMMENTS:**  
 ALL COMPONENTS APPLY FOR PARTS EN570X0010 TO EN570X0490  
 UNLESS OTHERWISE SPECIFIED:  
 MATERIALS SHALL BE TO THE FOLLOWING STANDARDS:  
 STEEL: A36 (ASTM A36) / 1018 (SAE 1018)  
 ALUMINUM: 6061-T6 (ASTM B209) / 7050 (SAE 7050)  
 COPPER: C110 (ASTM B152) / 110 (SAE 110)  
 BRASS: C360 (ASTM B16) / 360 (SAE 360)  
 INCH DIMENSIONS ARE TO UNLESS OTHERWISE SPECIFIED.  
 DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY.  
 DIMENSIONS IN MILLIMETERS ARE TO UNLESS OTHERWISE SPECIFIED.  
 DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY.

**REVISIONS:**  
 UNLESS OTHERWISE SPECIFIED:  
 ALL DIMENSIONS ARE TO UNLESS OTHERWISE SPECIFIED.  
 DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY.  
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**MATERIAL:**  
 AS SPECIFIED  
**FINISH:**  
 AS SPECIFIED  
**DO NOT SCALE DRAWING**  
**TOLERANCE:**  
 UNLESS OTHERWISE SPECIFIED:  
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 DIMENSIONS IN MILLIMETERS ARE TO UNLESS OTHERWISE SPECIFIED.  
 DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY.

**DATE:** 2014-11-10  
**DESIGNED BY:** [Redacted]  
**CHECKED BY:** [Redacted]  
**ENG. APPR. DATE:** [Redacted]  
**MFG. APPR. DATE:** [Redacted]  
**LAST SAVED DATE:** November 21, 2014 3:46:44 PM  
**Q.A.**

# 10 FT (3 M) JAZZ FAN SPECIFICATIONS

## General

Model Number.....	EN570X SERIES	
Diameter .....	10 ft (3 m)	
Number of Blades.....	5	
Noise Level .....	39 dBA	
Overall Weight (no mount).....	85 lbs (38.5 kgs)	
Packaged Fan Weight .....	98 lbs (44.5 kgs)	
Certification.....	UL, CSA & CE	 

## Performance

Airflow .....	45,000 CFM
Variable Speed .....	0 - 120 RPM
Power Usage .....	264 W (2.2 amps at 120 V)
Maximum Effective Diameter .....	2,800 sq ft (167 m <sup>2</sup> )

## Construction

Blade Mount Plates.....	Zinc Coated Steel
Blades .....	Injection Molded Fibre Filled Polypropolene
Motor Housing .....	AISI 383 Aluminum Alloy

## Safety Components

Safety Cables.....	3/32" Stainless Steel Cable
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## Universal Mounting System

Maximum Ceiling Slope .....	18.5°
Open Web Steel Joist (OWSJ) Hardware.....	Included
Purlin Hardware .....	Included
Wood Beam Hardware.....	Included
Glu Lam Hardware.....	Included

## Gearless Motor

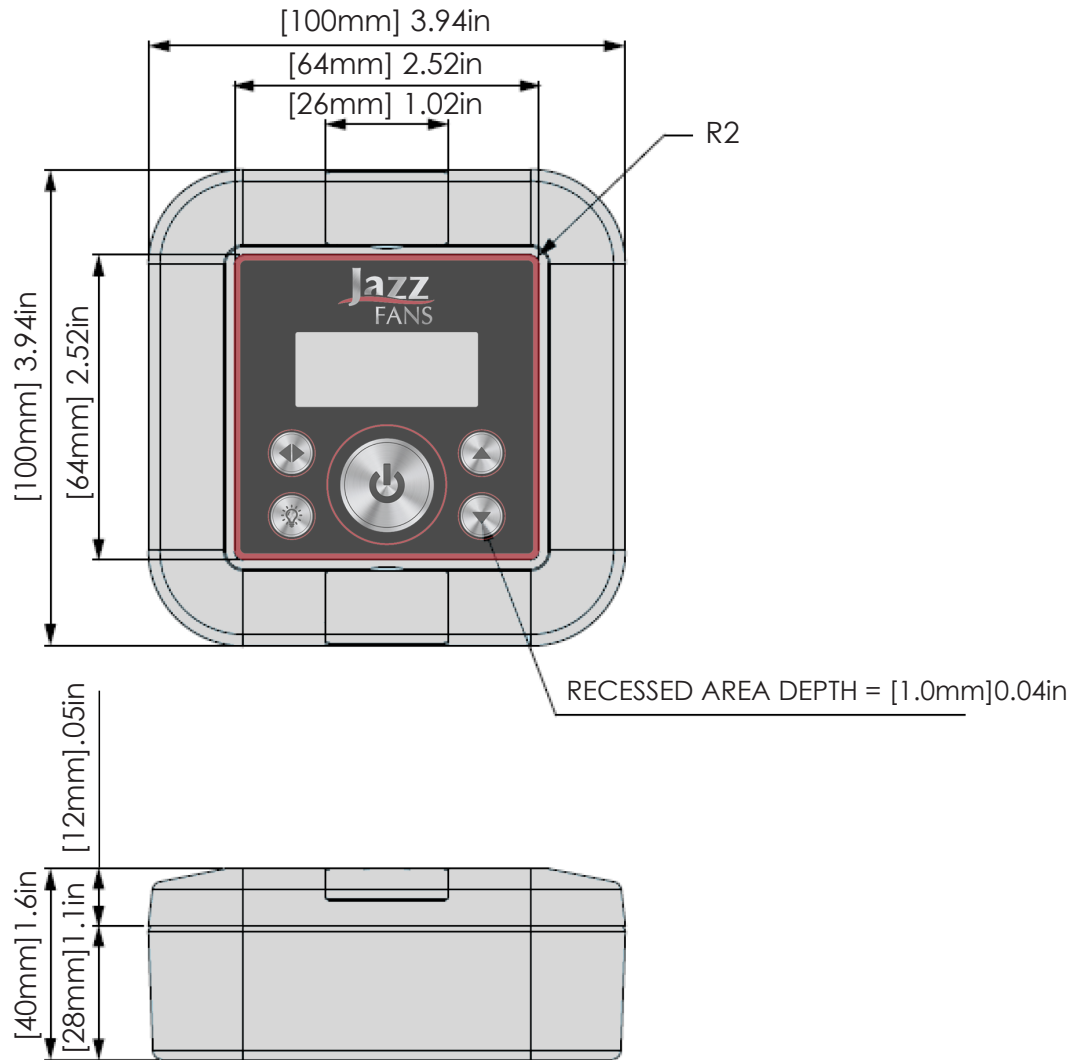
Type .....	Transverse Flux Brushless DC Motor
Voltage.....	104 - 277 V (50 / 60 Hz)
Amps Consumed .....	2.2 amps (at 120 V)
Continuous Torque.....	52 lbf
Backlash.....	0
Poles .....	60
Insulation Class .....	B
IP Rating.....	54
Efficiency.....	92%

## Jazz Wall Control

Operation.....	Keypad & LCD Screen
Fan Controls .....	Speed Up/Slow Down, Forward/Reverse, On/Off
Light Controls .....	Increase/Decrease Brightness, On/Off
Wiring.....	100' Cat5 Cable Included
Diagnosis Capability .....	Full



# JAZZ FAN CONTROL ASSEMBLY

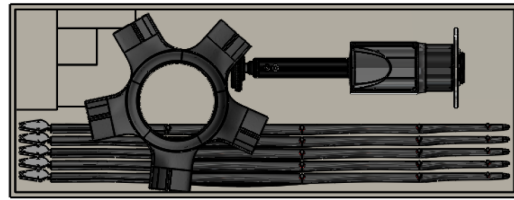




# JAZZ FAN PACKAGING DETAILS

WEIGHTS:  
 PACKAGING - 15lbs (6.8kgs)  
 PACKAGED FAN - 98lbs (45kg)

[ 603.25mm ]  
 23.75in



INSIDE TOP VIEW  
 PACKAGED FAN

[ 61.50in ]  
 1562mm

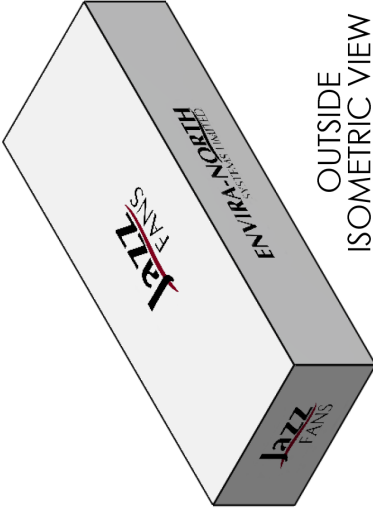


OUTSIDE TOP VIEW

[ 304.80mm ]  
 12.00in



OUTSIDE SIDE VIEW



OUTSIDE  
 ISOMETRIC VIEW

G:\01\_Envira-North\SolidWorks (DWG) ENV-JAZZ-ETM-F13-PRODUCTION-FAN-EN570X5010\JAZZ-ETM-F13-PRODUCTION-PACKAGING\EN571X8700

MATERIAL AS SPECIFIED	DRAWN 2016-11-09	Drawing Date:		2016-11-09	
FINISH	Checked By:	Checked Date:			
VENDORS NUMBER:	Last Revised Date:	Last Saved Date:		January 13, 2017 1:15:42 PM	
DO NOT SCALE DRAWING	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TO LEAST FIVE (5) DECIMALS FRACTIONAL ± 1/16 ANGULAR: MACH ± 0.1° BEND ± 0.5° TOLERANCES TO BE SHOWN AS FOLLOWS: THREE PLACE DECIMAL ± 0.030(0.76mm)	REVISIONS:		1-Reduce overall size of box EN561X8700 for 2nd generation Jazz EN571X8700	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ENVIRA-NORTH SYSTEMS LTD. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ENVIRA-NORTH SYSTEMS LTD IS PROHIBITED. THIS DRAWING IS THE PROPERTY OF ENVIRA-NORTH SYSTEMS LTD. ANY REPRODUCTION OR DISSEMINATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF ENVIRA-NORTH SYSTEMS LTD SHOULD BE CONTACTED IMMEDIATELY FOR RESPONSE.	Note: Contractor is responsible for verifying all site conditions to include field conditions. Contractor shall make any changes without notifying Envira-North Systems Ltd. The contractor is responsible for the same. All drawings are to be prepared as per the approved drawings for building departments and other relevant authorities. All permits are obtained before commencing the work.		TITLE: JAZZ (GEARLESS) FAN PACKAGING		REV 1
	SIZE	DWG. NO.	SCALE: 1:20		WEIGHT: . . . SHEET 1 OF 1
	A	EN571X8700			1