



# Altra-Air *Sailfin*

## QUOTATION SUBMITTAL

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18 FT (5.5 M) FAN

Subject to Changes Without Notification.

**ENVIRA-NORTH**  
SYSTEMS LIMITED

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



## 5.5 M (18 FT) ALTRA-AIR SAILFIN FAN SPECIFICATIONS

### General

Model Number.....	EN675X5014
Diameter .....	5.5 m (18 ft)
Number of Blades .....	5
Motor Power .....	1.5 kW (2 HP)
Noise Level .....	63.4 dBA
Weight (no mount) .....	136 kgs (300 lbs)
Packaged Fan (30" x 31" x 32").....	128.8 kgs (284 lbs*)
Packaged Blades (11" x 11" x 108").....	66.7 kgs (147 lbs)

\* Mounts, extensions & controls packages separately. Weights may vary.



### Performance

Maximum Velocity.....	2.56 m/s (505 ft/min)
Airflow .....	72,539 l/s (153,702 CFM)
Maximum Speed .....	63 RPM
Power Usage.....	1460 W
Maximum Effective Diameter .....	61 m (200 ft)

### Construction

Frame.....	Galvanized Steel Frame
Hub .....	713 Cast Aluminum Alloy
Blades .....	6063 Extruded Anodized Aluminum
Blade End Caps .....	High Impact Polystyrene

### Safety Components

Safety Cables.....	3/16" Stainless Steel
Guy Wires.....	1/8" Stainless Steel
Safety Clips .....	Zinc Plated Steel

### Mounting Hardware

Standard Mount.....	Universal I-Beam Clamp w/ Swivel
Standard Drop .....	1 ft / 2 ft / 4 ft
Drop Extensions (Optional) .....	1 ft / 2 ft / 4 ft

### Mounting

Open Web Steel Joist (Optional).....	Steel Beam With Brackets
Wood Beam Mount (Optional) .....	Steel Machined Mount Plates
Concrete Beam Mount (Optional).....	Steel Beam with Matching Mount Plates
Purlin "Z" Mount (Optional).....	Steel Beam Brackets
Steel Thickness Varies Depending on Beam Span.....	Consult Factory for Specifics

\*Please see Altra-Air Installation Guide for more information regarding mounting hardware.

### Gear Motor

Type.....	Helical Inline Reducer
HP.....	2 HP (50 Hz / 60 Hz)
Ratio .....	27.24
Volts.....	230 V / 400 V / 460 V / 575 V
Amps Consumed.....	5.6A @ 230 V
Insulation Class .....	F
Torque .....	217 Nm (160 ft-lbs)
Thrust.....	280 N (63lbs)

### Fan Control

Enclosure .....	IP65
Operation.....	Key Pad
Control Options (Not Included) .....	Low Voltage / Temperature Control
Standard Power .....	208 V / 230 V / 400 V / 460 V / 575 V
Special Wiring (Thermostats, Fire Alarm Interface, Networking Etc.)(Optional).....	Consult Factory
50 / 60 Hz Operation	

### Warranty

Motor, Gearbox & Control Panel.....	3 Years
Blades, Hub & Mounting System.....	Lifetime

\*Please see Altra-Air Installation Guide for warranty specifications and exclusions.

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