



Altra-Air *Sailfin*

QUOTATION SUBMITTAL

20 FT (6.1 M) FAN

Subject to Changes Without Notification.

ENVIRA-NORTH
SYSTEMS LIMITED

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6.1 M (20 FT) ALTRA-AIR SAILFIN FAN SPECIFICATIONS

General

Model Number.....	EN675X5014
Diameter	6.1 m (20 ft)
Number of Blades	5
Motor Power	1.5 kW (2 HP)
Noise Level	63.4 dBA
Weight (no mount)	140 kgs (320 lbs)
Packaged Fan (30" x 31" x 32").....	128.8 kgs (284 lbs*)
Packaged Blades (11" x 11" x 120").....	75.7 kgs (167 lbs)

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



Performance

Maximum Velocity.....	2.56 m/s (505 ft/min)
Airflow	83,157 l/s (176,200 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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