



Altra-Air

GEARLESS |||| *Sailfin*

QUOTATION SUBMITTAL

6.1 M (20 FT) FAN

Subject to Changes Without Notification.

ENVIRA-NORTH
SYSTEMS LIMITED

(519) 527-2198
enviranorth.com



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

General

Model Number.....	EN670X5014
Diameter	6.1 m (20 ft)
Number of Blades	5
Noise Level	45 dBA
Weight (no mount)	140 kgs (320 lbs)
Packaged Fan (30" x 31" x 32").....	115.6 kgs (255 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

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.

Motor

HP.....	2 HP (50 Hz / 60 Hz)
Volts.....	230 V / 460 V
Amps Consumed.....	5.0 A @ 230 V

Fan Control

Enclosure	IP66
Operation.....	Key Pad
Standard Power	208 V / 230 V / 400 V / 460 V
Special Wiring (Thermostats, Fire Alarm Interface, Networking Etc.)(Optional).....	Consult Factory
50 / 60 Hz Operation	

Warranty

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

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

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