



Altra-Air *Sailfin*

QUOTATION SUBMITTAL

16 FT (4.9 M) FAN

Subject to Changes Without Notification.

ENVIRA-NORTH
SYSTEMS LIMITED

(519) 527-2198
enviranorth.com



4.9 M (16 FT) ALTRA-AIR SAILFIN FAN SPECIFICATIONS

General

Model Number.....	EN675X5010
Diameter	4.9 m (16 ft)
Number of Blades	5
Motor Power	1.1 kW (1.5 HP)
Noise Level	62.7 dBA
Weight (no mount)	125 kgs (275 lbs)
Packaged Fan (30" x 31" x 32").....	128.8 kgs (284 lbs*)
Packaged Blades (11" x 11" x 96").....	60.8 kgs (134 lbs)

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



Performance

Maximum Velocity.....	2.79 m/s (550 ft/min)
Airflow	59,953 l/s (127,033 CFM)
Maximum Speed	80 RPM
Power Usage.....	939 W
Maximum Effective Diameter	43 m (140 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.....	1.5 HP (50 Hz / 60 Hz)
Ratio	23.74
Volts.....	230 V / 400 V / 460 V / 575 V
Amps Consumed.....	3.6A @ 230 V
Insulation Class	F
Torque	141 Nm (104 ft-lbs)
Thrust.....	231 N (52 lbs)

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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