ONYX 560

Improve comfort in your facility with a system of Onyx fans

DISTRIBUTED COMFORT

Our Onyx fans are installed as a distributed network of devices to continuously provide airflow across large spaces. Use the Onyx fan for destratification and cooling applications among racking, over workstations, inside athletic facilities and other tall spaces.
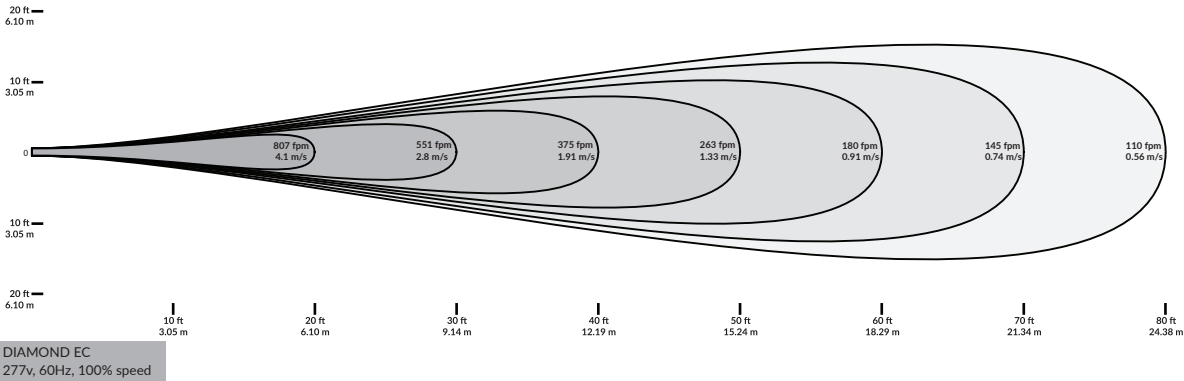
WHERE WE HELP

› Warehouses, sports venues, school gyms and service bays
› Spaces 15 ft+ or higher
› Areas where other fans will not physically fit

Features

› Premium EC motor by ebm-papst®
› Easy installation in new construction or retrofits
› Patented bypass intake increases volume performance
› Patented multi-vane stator maximizes throw
› 3-year parts and workmanship warranty
› ETL Listed in U.S. and Canada
› Made in the U.S.A.

Optional

› Manual wall mounted control
› Delta-T Automatic control featuring dual temp sensors
› BACnet MS/TP card for integration with existing front end control systems

807 fpm
4.1 m/s

551 fpm
2.8 m/s

375 fpm
1.91 m/s

263 fpm
1.33 m/s

180 fpm
0.91 m/s

145 fpm
0.74 m/s

110 fpm
0.56 m/s

| 20 ft / 6.10 m | 10 ft / 3.05 m | 10 ft / 3.05 m | 20 ft / 6.10 m |
| 10 ft / 3.05 m | 20 ft / 6.10 m | 30 ft / 9.14 m | 40 ft / 12.19 m | 50 ft / 15.24 m | 60 ft / 18.29 m | 70 ft / 21.34 m | 80 ft / 24.38 m |

DIAMOND EC
277v, 60Hz, 100% speed

Housing: Aluminum: powder coated off white or custom.

Motor: 560mm, electrically commutated, thermally-protected axial motor by ebm-papst®, 92% efficient. Operating temperature: -13˚ F (-25˚ C) to 140˚ F (60˚ C). No lubrication required, bearings are sealed.
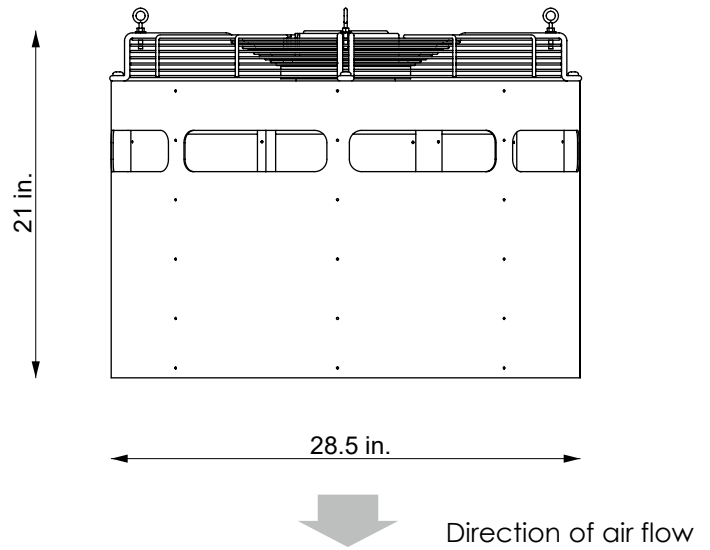
Power Cord: 6 foot cord

Control Input: 0-10VDC.

Stator: Patented multi-vane stator significantly increases air throw for maximizing performance.

Bypass Intake: Increases airflow volume through side intake entrainment.

Certification: Conforms to UL-507, CAN/CSA-C22.2 No. 1113. ETL listed in USA and Canada.

Warranty: 3 years parts and workmanship.

21 in.

28.5 in.

Direction of air flow

Technical Specifications

Model	Input Power, 1 Ø	Amps	Watts	RPM	dB(A)[1]	Weight	Colors ○
ONYX-560-EC-STD-200-277-X	200-277VAC, 60Hz	1.45	328	1009	46, 44, 42	100 lbs.	X = Off white (W) or custom (C)

(1) Calculated sound pressure at 40, 50 and 60 foot distances based on non-reflective area. 78.5 dB(A) Sound Power Level, designed to meet ISO 3744 - engineering grade precision for determining sound power. Data independently verified by third party. Tests performed in-unit.

Controls & Factory Installed Options

Item	Description
Pearlink-F	Pearlink Fan Sensor- One Per Fan. Wi-Fi iOS/Android App based controller
Pearlink-T	Pearlink wired (120v) Floor Thermostat- One Per Room
POT-1	Wall-mounted speed control. Low voltage control wiring daisy-chained between fans to be controlled as a group.
AiriusBAC24	BACnet MS/TP card for integration with front end system. Individually control speed. No speed monitoring for this motor.
DeltaT-EC-PACK	Wall mounted control featuring high/low temperature sensors for automatic delta-T control. 5 modes of operation.

Model:	Qty:
Controls/Options:	Qty: