



# ONYX

Improve comfort in your facility with a system of Onyx fans



## DISTRIBUTED COMFORT

Use the Onyx in high bay installations to equalize temperature and humidity in buildings that suffer from stratification. Reducing stratification increases thermal comfort during summer and winter, reduces ceiling temperature to extend the life of lighting and ceiling mounted equipment, and saves energy.

## WHERE WE HELP

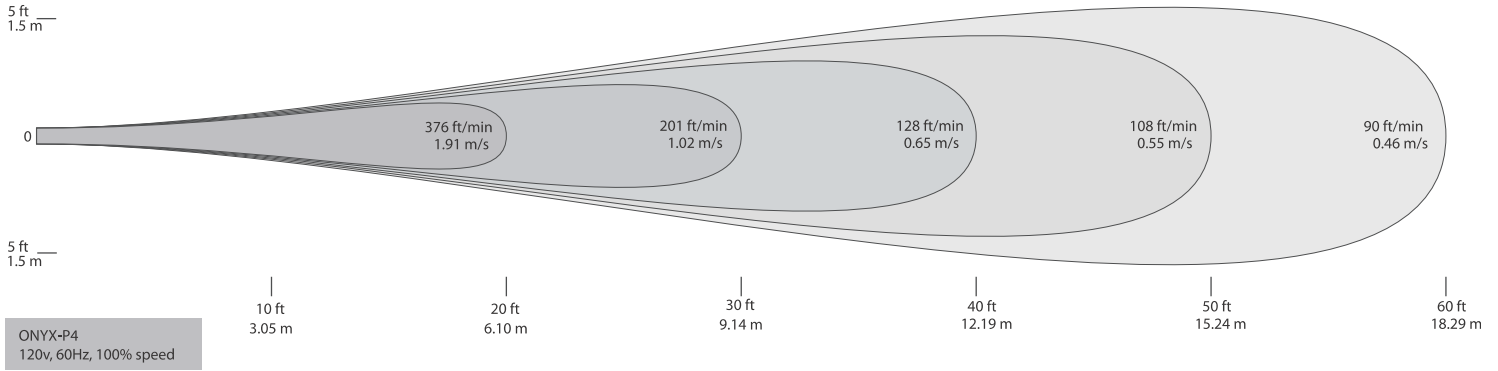
- › Atrium, vestibules and lobbies with overhead air supply
- › Spaces 15 ft+ or higher
- › Areas where other fans will not physically fit

## Features

- › Basic permanent split capacitor or premium EC motors
- › Easy installation in new construction or retrofits
- › Bypass intake increases volume performance
- › 3-year parts and workmanship warranty
- › ETL Listed in U.S. and Canada
- › 5VA Flame resistance rating
- › Made in the U.S.A.

## Optional

- › Manual wall mounted control
- › Wi-Fi App based Pearlink control
- › BACnet/IP controls package for integration with existing front end control systems



**Housing:** PC/ABS, UL 94 5VA flame resistance.

**Motor:** 300mm, permanent split capacitor, single speed, axial motor. Motor is thermally protected. Operating temperature: -13° F (-25° C) to 158° F (70° C). No lubrication required. Bearings are sealed.

**Power Cord:** 6 foot cord and plug provided for 120V fans.

**Control Input:** Mains power. TRIAC or voltage controller.

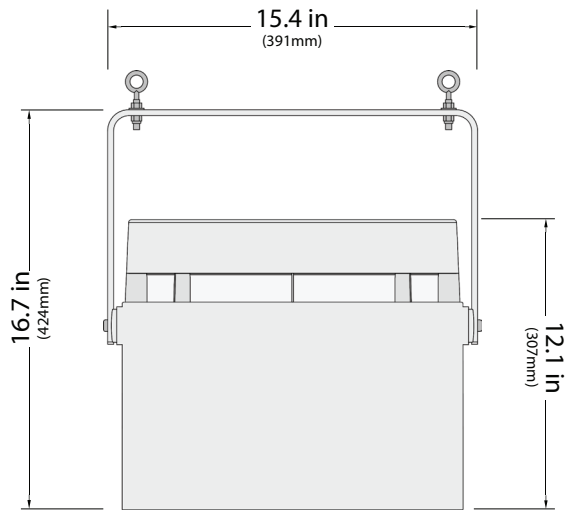
**Stator:** Patented multi-vane stator significantly increases air throw for maximizing performance.

**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.

**Safety Cable:** 6' length steel cable (fastened to body)

**Warranty:** 3 years parts and workmanship.



↓ Direction of air flow

**Technical Specifications**



Model	Input Power, 1 Ø	Amps	Watts	RPM	dB(A) <sup>1</sup>	Weight	Colors
ONYX-P4-STD-120-X	120VAC, 60Hz	0.66	76	1573	41, 40, 39	13 lbs.	X = Off white (W) or black (B)

(1) Calculated sound pressure at 40, 45 and 50 foot distances based on non-reflective area. 73.7 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
TRIAC-120-1.5	Wall mounted speed control. Input voltage 120VAC, 1.5A. Four step speed control and off.
TRIAC-120-5	Wall mounted speed control. Input voltage 120VAC, 5A.
TRIAC-120-15	Wall mounted speed control. Input voltage 120VAC, 15A.
TRIAC-120-7.5	J-box mounted speed control. Input voltage 95-250VAC, 7.5A. Fixed speed, 0-10VDC or 2-20mah.
TRIAC-120-7.5-AUTO	J-box mounted speed control. Input voltage 95-250VAC, 7.5A. High/Low temperature sensors adjust speed based on delta-T

<b>Model:</b>	<b>Qty:</b>
Controls/Options:	Qty: