

## About the A-45-EC-STD

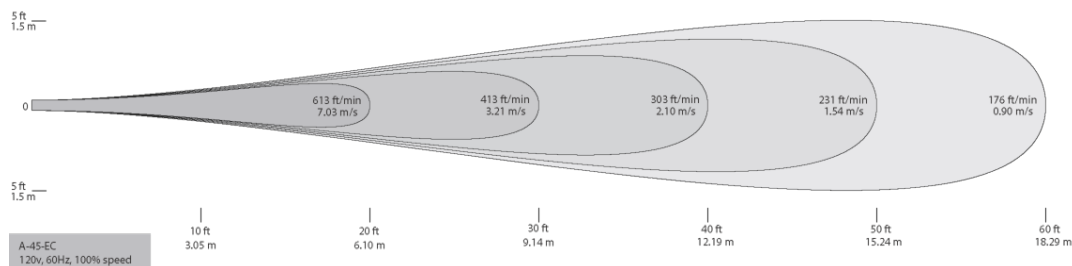
The Air Pear 45-EC-277 is a suitable choice for ceiling heights up to 45 ft., providing an area of coverage of up to 1500 sq. ft.

## A-45-EC-STD Control Types

The A-45-EC-STD uses an electrically commutated (EC) motor and can be controlled with a 0-10VDC signal.



## Velocity Profile



Data represents 80th percentile of 2000+ samples collected via hot wire anemometer recorded horizontally

## Alternative Fan Models (Similar to A-45-EC-STD-200-277-W)

Alternative Body Styles: Air Pear, Designer Series, Suspended Series

Alternative Sizes: 45, 60, 100

Alternative Motors: P4, EC, EL, P2

Alternative Nozzles: STD

Alternative Voltages: 120V, 277V

Alternative Colors: Off White, Gray, Black

## Contact

811 S. Sherman St., Longmont, CO 80501

Web: [airiusfans.com](http://airiusfans.com)

Phone: 888-AIR-PEAR (247-7327)

Fax: 303-772-8276

## Product Description

Airius fans create uniform air temperatures from floor to ceiling for thermal comfort and energy savings.

**Housing:** PC/ABS, 5VA flame resistance. Off White

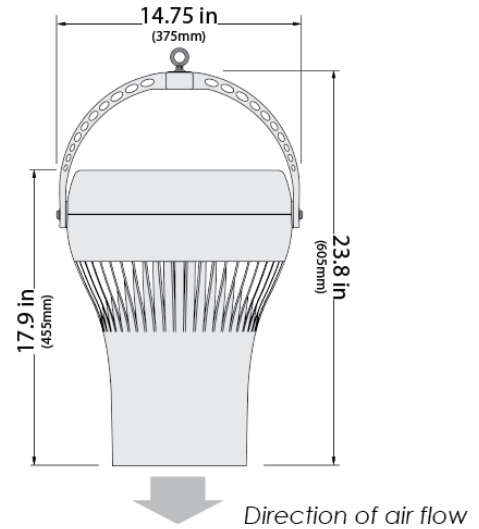
**Motor:** Electrically commutated, thermally-protected axial motor by ebm-papst®, 92% efficient. Operating temperature: -13°F (-25°C) to 140°F (60°C)

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

**Certification:** Conforms to UL-507, CAN/CSA-C22.2 No. 1113, UL 94 5VA and is ETL listed in USA and Canada

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

**Warranty:** 3 years parts and workmanship. Money back guarantee: 30 days. Refurbishment program after 3-year warranty period.



## Maximum Ratings

Model	Input Power, 1Ø	Amps	Watts	RPM	dB(A)	Mounting Height	Coverage Area
A-45-EC-STD	200-277VAC, 60Hz	1.40	175.0	3050	85.7	Up to 45 ft.	Up to 1500 sq. ft.

<sup>(1)</sup>dB as 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	Wi-Fi iOS/Android controller
POT-1	Wall-mounted speed control
PHI-9-C	9" Photohydroionization cell to mitigate mold, bacteria, viruses, and odors

Fan Config: A-45-EC-STD-200-277-W	QTY:
Controls/Options:	QTY:
Project:	Engineer:
Submitted By:	Architect:
Date:	Contractor: