

About the D-45-P4-STD

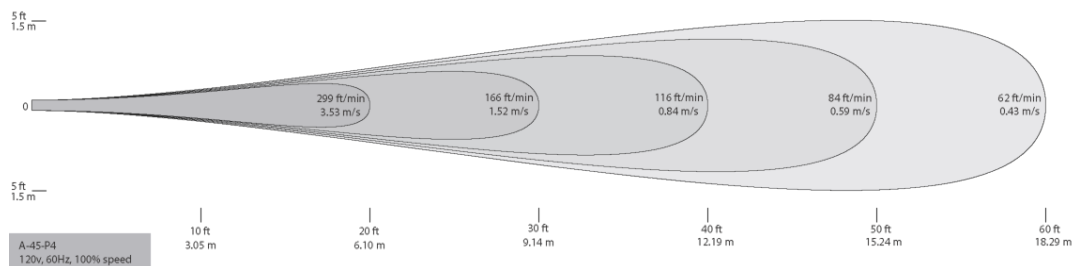
The Designer Series 45-P4 is a suitable choice for ceiling heights up to 38 ft., providing an area of coverage of up to 1200 sq. ft.

D-45-P4-STD Control Types

The D-45-P4-STD uses a permanent split capacitor (P4) motor and can be controlled using a wall-mounted TRIAC speed control in-line with the fan power circuit or a 'smart' controller that accepts 0-10VDC, 2-20mA, or automatic Delta-T control signal.



Velocity Profile



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

Alternative Fan Models (Similar to D-45-P4-STD-120-W)

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

Alternative Sizes: 45, 60

Alternative Motors: P4, EC, EL, P2

Alternative Nozzles: STD

Alternative Voltages: 120V, 230V, 277V

Alternative Colors: Off White, Custom

Contact

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Web: airiusfans.com

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Product Description

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

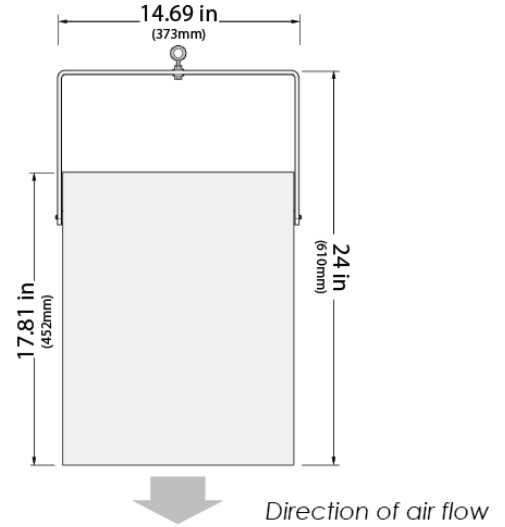
Housing: Aluminum, 5VA flame resistance. Off White

Motor: Permanent Split Capacitor, single/variable speed, thermally-protected axial motor. Operating temperature: -13°F (-25°C) to 158°F (70°C). No lubrication required. Bearings are sealed.

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

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
D-45-P4-STD	120VAC, 60Hz	0.45	53.6	1546	69.3	Up to 38 ft.	Up to 1200 sq. ft.

⁽¹⁾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
TRIAC-SMART-7.5	0-10VDC, 2-20mA, or fixed speed. Max 16 fans.
TRIAC-SMART-7.5-AUTO	Temperature control, 0-10VDC, 2-20mA, or fixed speed. Max 16 fans.
TRIAC-120-15	Manual wall-mounted speed control, 15A. Max 33 fans.
TRIAC-120-5	Manual wall-mounted speed control, 5A. Max 11 fans.
TRIAC-120-1.5	4-step, wall-mounted speed control, 1.5A with circuitry to reduce motor hum. Max 3 fans.
PHI-9-C	9" Photohydroionization cell to mitigate mold, bacteria, viruses, and odors

Fan Config: D-45-P4-STD-120-W	QTY:
Controls/Options:	QTY:
Project:	Engineer:
Submitted By:	Architect:
Date:	Contractor: