

About the D-45-P2-STD

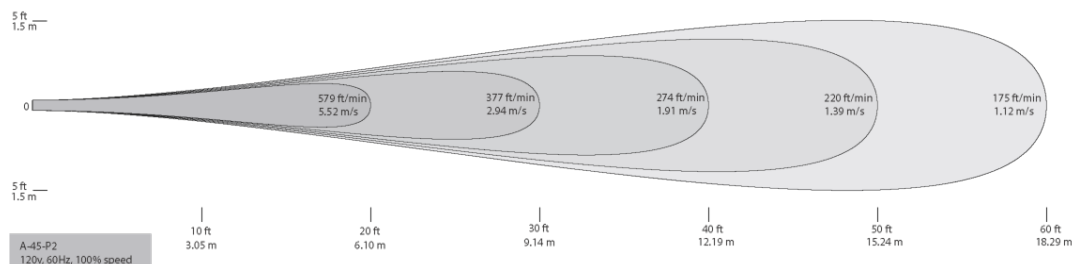
The Designer Series 45-P2 is a suitable choice for ceiling heights up to 45 ft., providing an area of coverage of up to 1500 sq. ft.

D-45-P2-STD Control Types

The D-45-P2-STD uses a permanent split capacitor (P2) 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-P2-STD-120-W)

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

Alternative Sizes: 45

Alternative Motors: P4, EC, EL, P2

Alternative Nozzles: STD

Alternative Voltages: 120V, 230V, 277V

Alternative Colors: Off White, Custom

Contact

811 S. Sherman St., Longmont, CO 80501

Web: 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.

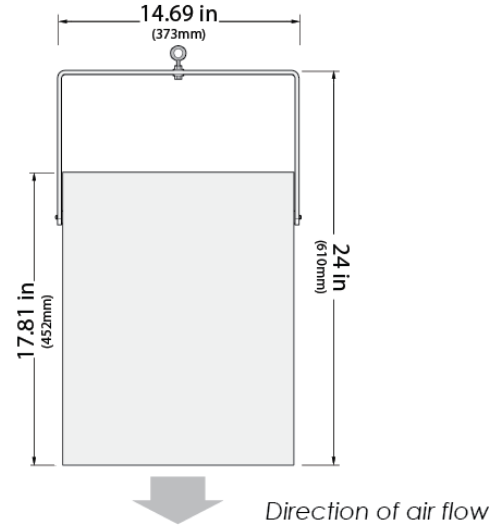
Housing: Aluminum, 5VA flame resistance. Off White

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-P2-STD | 120VAC, 60Hz | 1.60 | 191.9 | 2412 | 81.8 | Up to 45 ft. | Up to 1500 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 4 fans. |
| TRIAC-SMART-7.5-AUTO | Temperature control, 0-10VDC, 2-20mA, or fixed speed. Max 4 fans. |
| TRIAC-120-15 | Manual wall-mounted speed control, 15A. Max 9 fans. |
| TRIAC-120-5 | Manual wall-mounted speed control, 5A. Max 3 fans. |
| PHI-9-C | 9" Photohydroionization cell to mitigate mold, bacteria, viruses, and odors |

| | |
|-------------------------------|-------------|
| Fan Config: D-45-P2-STD-120-W | QTY: |
| Controls/Options: | QTY: |
| Project: | Engineer: |
| Submitted By: | Architect: |
| Date: | Contractor: |