

ALDES *DRYER BOOSTER*

DBA-4HP FAN
DBA-4HPT FAN



ENHANCED CLOTHES DRYER PERFORMANCE
SHORTENED DRYING TIME, PERMITS LONG DUCT RUNS

ALDES-DRYER BOOSTER



The **DBA-4HP & -4HPT fans** are ideally suited for most residential dryer booster applications where duct runs exceed the lengths recommended by building code or the dryer manufacturer. Of a unique design, these fans allow lint to flow easily through them and compensate for system duct losses due to long duct runs or excessive bends. This results in shorter drying times, lower energy usage, and reduced wear on the dryer.

The **DBA-4HP** model is equipped with an integral pressure sensing-timer switch that automatically operates the booster fan whenever the dryer fan starts. Conversely, when the dryer operation stops, the switch will turn off the booster fan on a timed cycle. The **DBA-4HPT** model, in addition to an airflow-sensing switch, is supplied with a remote mount LED indicator designed to fit a Decora® style switch plate that lets the homeowner know the fan is working properly. Both models are supplied with a 5-1/2 foot power cord and mounting bracket.

FAN FEATURES

- Metal housing for added safety
- Metal flanges for direct attachment to metal rigid duct
- Fully enclosed motor, sealed self lubricating bearings
- CSA Listed
- Three-Year Warranty



QUESTION & ANSWER

Q. When is a dryer booster fan necessary? **A.** In residential applications, codes typically limit duct length to 14 or 15 feet and two 90° elbows (24-25 linear feet). If a duct run is longer than this, the dryer should in most cases have a booster fan.

Q. What is the maximum length of duct for a standard DBA-4HP fan installation? **A.** 130 linear feet of 4" duct. Deduct 5 feet for each bend.

Q. How important is the choice of exterior vents? **A.** An appropriate roof cap or wall hood is critical in dryer installations. The use of a good low-pressure drop model maximizes a dryer's performance with or without a dryer booster fan. Note that building codes require exterior dryer vent caps to be equipped with a flapper type backdraft damper and prohibit screened openings that will be stopped up easily by lint.

Q. Are Lint traps advisable? **A.** Yes, a lint trap is always recommended, especially in heavy-use situations. Lint traps will greatly reduce potential maintenance problems.

Q. Is it possible to increase dryer performance and efficiency? **A.** Typical dryer blowers are inefficient in the presence of long duct runs. The resulting low airflows can cause motor overheating, nuisance cycling, and clogged ducts due to insufficient lint removal. The DBA-4HP & 4HPT Dryer Booster Fans provide the necessary airflows needed to prevent clogging, and assure shortened dryer operating times.

ACCESSORIES

Dryer Wall Vent Box - Allows dryer to be pushed up against wall.

- 99 060 - For 2" x 4" walls
- 99 061 - For 2" x 6" walls



Dryer Roof Cap
22 041 - Special low pressure with push-aside damper. Galvanized steel, 4" size.

Dryer Wall Hood
22 404 - Special low profile, low pressure drop model with flapper damper. Galvanized steel, 4" size. Available in Stainless Steel and Copper.



Lint Trap 99 059 - For 2" x 6" wall with 4" collars. Incorporates wire mesh filters.

flapper damper. Galvanized steel, 4" size. Available in Stainless Steel and Copper.



Fan Clamps
99 170 - For mounting fan to rigid duct, complete with rubber insulation. 4".

STANDARD RESIDENTIAL DRYER BOOSTER PACKAGE

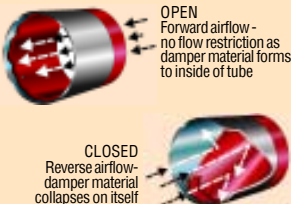


DBA-4HP Fan with Pressure-Timer Switch
#99 057

DBA-4HPT Fan with Remote LED indicator
#99 055



Cape Damper 99 504 - Ideal where exterior vents are without dampers, or on individual duct runs in multiple dryer installations connected to a common vent, when rodents are not a consideration. 4" size.



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