

Description

The American ALDES Model DBA-4HPT dryer booster fan unit incorporates a remote-mount, low voltage indicator panel capable of displaying: normal operation, no power, blocked duct, locked motor rotor and low speed conditions for the requirements of residential dryer venting.

The fan can be installed at any orientation in the duct. Installation is simple due to the straight through airflow design and standard four-inch duct connections. A fan mounting bracket is included to mount the unit to framing members.

The product requires limited maintenance and is automatically controlled.

- The motor bearings are permanently sealed, self lubricating type.
- The dryer booster fan shall be capable of exhausting air up to 75° C.

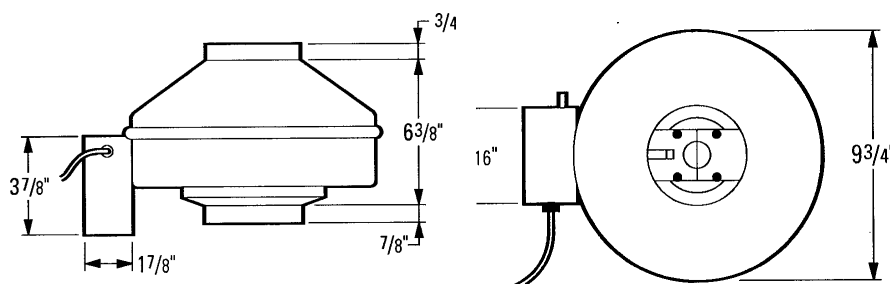
Warranty

The DBA-4HPT Dryer Booster Fan is backed by American ALDES three-year warranty.

Installation Notes

- The dryer booster fan shall be capable of maintaining an air velocity of 1200 fpm with an equivalent duct length of 130 feet of 4 inch rigid steel duct.
- The fan should be inspected periodically and cleaned as necessary. Frequency of service depends on usage. ALDES 4 in. Fan Mount Clamps (Pt. No. 99 016) are recommended for ducting connections to facilitate installation and service.

Dimensional Data



Dimensions in inches

Typical Specification for Dryer Boost Fan

Construction

Fan and Remote Mount Indicator panel: American ALDES Ventilation Corp., Sarasota, FL (1-800-255-7749). ALDES Model DBA-4HPT Dryer Booster Fan.

DBA-4HPT Fan: Centrifugal, backward curved blower, in-line fan. Steel housing shall be galvanized. Motor shall be totally enclosed, permanent split capacitor, external rotor type, with Class B insulation, automatic reset thermal protection rated for use in airstreams up to 140°F, acceptable for continuous unattended operation. Fan shall be supplied with externally mounted electrical terminal box with pre-wired 5 ft. cord set. Capacitor shall be mounted in electrical junction box. Fan shall be mounted close to the exterior vent hood.

Remote Mount Indicator Panel; Wall-mount, low voltage indicator panel features an LED light that indicates to the

homeowner that the fan is working properly. The indicator panel will alert homeowners of problems such as no power, blocked duct, locked motor rotor and low speed conditions. A 50 foot cable is included to connect the indicator panel to the booster fan.

The dryer booster fan shall be manufactured under the authority of American ALDES Ventilation Corporation, Sarasota, FL.

Electrical

The fan shall operate on 115V, 60 Hz, single phase current. The motor and Remote Indicator Panel shall be listed as one assembly.

Code Approval

Fan shall be tested and approved by CSA (US+C) for safety.

Electrical Data

115 V	60 Hz
83 W	.73 AMP 2800 RPM

PROJECT

DATE

SUBMITTED BY

CONTRACTOR