Wholesale Ventilation Products

better AIRFLOW by DESIGN!
DRYER BOOSTER FANS

DVK DRYER BOOSTER FAN

The DVK Dryer Booster Fan is designed to enhance the drying efficiency of a dryer. It is capable of overcoming a long duct run, and the in-line design simplifies installation. Unique features result in a quiet and powerful dryer boosting solution.

FEATURES & BENEFITS

- Boost dryer exhaust efficiency, reduce drying times, and deliver cost savings
- External rotor motor design for quiet and efficient operation
- Backward-curved centrifugal impeller to overcome long duct runs
- In-line construction to reduce lint build-up
- Heavy gauge, drawn steel housing with baked epoxy finish
- High temperature construction: 60 C/140 F
- Thermal overload protection
- Automatic reset

ACCESSORIES / OPTIONS

- Controls - pages 36-37
- Accessories - pages 38-39

BOOSTER FAN ACTIVATION METHODS

Current Sensor (DVK100B-C Kit)
This is the preferred method for activating a dryer booster fan. When a clothes dryer is operating and drawing at least one amp of current, the current sensor automatically activates the DVK100B dryer booster fan.

Pressure Switch (DVK100B-P Kit)
The pressure switch is designed to be mounted in the duct between the fan and the dryer. When it senses dryer airflow, the switch activates the DVK100B dryer booster fan.

Pressure Switch - Mounted (DVK100B-PM Kit)
The pre-mounted pressure switch simplifies installation. Utilizing the components found in the DVK100B-P kit, the pressure switch is pre-wired and factory mounted to the DVK100B dryer booster fan.

Each of the above booster fan activation methods may be purchased as a separate accessory item.

Note: Continental Fan does not recommend wiring a dryer booster fan directly into a clothes dryer.

INSTALLATION TIPS

- DVK100B fans should be mounted at least 15 linear feet from dryer.
- Each 90-degree elbow is equivalent to 5 linear feet of duct.
- DVK100B fans are designed to vent up to 110 feet of 4-inch rigid duct.

HELPFUL HINTS

A LT100 Lint Trap may be installed between the dryer and the booster fan to reduce lint build-up and maintenance on the fan.

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<th>MODEL</th>
<th>WATTS</th>
<th>RPM</th>
<th>0”</th>
<th>0.2”</th>
<th>0.4”</th>
<th>0.6”</th>
<th>0.8”</th>
<th>1.0”</th>
<th>1.2”</th>
<th>1.5”</th>
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<td>DVK100B</td>
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<td>2620</td>
<td>150</td>
<td>140</td>
<td>127</td>
<td>112</td>
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<th>d</th>
<th>a</th>
<th>B</th>
<th>SHIP WT (LBS)</th>
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<td>3.9</td>
<td>1.0</td>
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*DO NOT USE FOR CONSTRUCTION

CONSULT FACTORY FOR CERTIFIED PRINTS
**VARIABLE SPEED CONTROLS (SOLID STATE)**

VSC3 and VSC9 variable speed controls are designed for AC motors.

- **VSC3** Variable Speed Control (Knob-Style) - 3 amp - 3 Wire
- **VSC9** Variable Speed Control (Knob-Style) - 9 amp - 3 Wire
- **DVSC5** Variable Speed Control (Decora Slide) - 5 amp

**DIGITAL TIMERS**

Time control auto shut off, in preset intervals, allows for proper ventilation and energy savings. The red LED indication light remains lit until the unit shuts off.

- **DT60** Digital Timer 10 - 20 - 30 - 60 Minutes

**SPRING WOUND TIMER**

Spring wound timer provides energy savings by limiting the "on-time" of the fan, up to 60 minutes. CT timers are easily installed in a standard electrical box. Cover plate not included.

- **CT100V** Spring Wound Timer 0 - 1 Hour

**ON/OFF SWITCH (W/PILOT LIGHT)**

The neon light is ON when the switch is in the ON position. 15Amp, 120V Single Pole/AC Switch. Cover plate not included.

- **PLS120V** ON/OFF Switch w/Pilot Light

**OCCUPANCY SENSOR**

Single relay occupancy sensor features 180 degree field of view with coverage up to 900 sq. ft. It turns the load on or off when activity is detected or has stopped.

- **SOS125V** Occupancy Sensor - 5 AMP

**THERMOSTAT**

The TST120V thermostat is suitable for direct connection with any resistance heating element or unit heater.

- **TST120V** Line Voltage Thermostat, 120V

**DEHUMIDISTAT (FOR HUMIDITY CONTROL)**

The adjustable sensitivity of DHST dehumidistat allows a user to prevent false cycling. The air cycle mode turns fan on/off for a set period (10, 20, 30, or 45 minutes), cycling hourly.

- **DHST120V** Humidity Control

**CURRENT SENSOR (SOLID STATE)**

The CS120VAF current sensor provides a compact, low cost method of detecting AC current. It is ideal for ON/OFF sensing of remote equipment.

- **CS120AF** Current Sensor, 120V, Solid State

**PRESSURE SWITCH (WITH TIME DELAY)**

Designed for HVAC or Energy Management applications, PST120V pressure switch is an airflow proving switch with an electronic cycle timing board.

- **PST120V** Pressure Switch w/Time Delay

**AUTO TRANSFORMER**

TF auto transformer allows for voltage to be regulated to 60V & 90V increments. Channel frame mounting and metal end shells make for a simple installation.

- **TF120V** Auto Transformer - 90/60V
GRILLES

AEROGRILLE VENTILATION GRILLES
AeroGrilles are designed for use with either in-line or external mount duct fans.
- AG150 AeroGrille 6"
- AG150-C AeroGrille 6", Collar
- AG150-CD AeroGrille 6", Collar, Damper

ADJUSTABLE VENTILATION GRILLES
Designed for ceiling or wall applications, the fully adjustable GR ventilation grilles are easy to install and adjust.
- GR100 Adjustable Grille 4", Collar
- GR150 Adjustable Grille 6", Collar
- GR200 Adjustable Grille 8", Collar
- GR100-6PK Adjustable Grille 4", Collar - 6 pcs
- GR150-6PK Adjustable Grille 6", Collar - 6 pcs

DECORATIVE VENTILATION GRILLES
These attractive grilles are designed for use with non-lighted versions of AeroFan bathroom fans.
- TGRRD90 Grille TBF90, Round Silver/Chrome
- TGRRD120 Grille TBF120, Round Silver/Chrome
- TGRS90 Grille TBF90, Square Silver/Chrome
- TGRSQ120 Grille TBF120, Square Silver/Chrome
- TGRC90 Grille TBF90, Rectangular Silver/Chrome
- TGRC120 Grille TBF120, Rectangular Silver/Chrome

ACCESSORIES

DUCT REDUCERS/INCREASES
DRI duct reducers/increasers are used to transition a duct from a larger or smaller size. Available in 28 Ga.
- DRI-04-03 Duct Reducer/Increaser, 4" - 3" Duct, Plastic
- DRI-06-04 Duct Reducer/Increaser, 6" - 4" Duct, Galvanized
- DRI-08-06 Duct Reducer/Increaser, 8" - 6" Duct, Galvanized
- DRI-10-08 Duct Reducer/Increaser, 10" - 8" Duct, Galvanized
- DRI-12-10 Duct Reducer/Increaser, 12" - 10" Duct, Galvanized
- DRI-14-12 Duct Reducer/Increaser, 14" - 12" Duct, Galvanized

MOUNTING CLAMPS FOR RIGID DUCT
MC mounting clamps are designed for use with rigid duct. The foam neoprene layer creates an air tight installation.
- MC100 Mounting Clamps for Rigid 4" Duct (2pc)
- MC125 Mounting Clamps for Rigid 5" Duct (2pc)
- MC150 Mounting Clamps for Rigid 6" Duct (2pc)
- MC200 Mounting Clamps for Rigid 8" Duct (2pc)
- MC250 Mounting Clamps for Rigid 10" Duct (2pc)
- MC300 Mounting Clamps for Rigid 12" Duct (2pc)
- MC355 Mounting Clamps for Rigid 14" Duct (2pc)

GEAR CLAMPS FOR FLEXIBLE DUCT
GC stainless steel gear clamps easily connect a duct fan to flexible insulated duct and other auxiliary pieces.
- GC150 Gear Clamp for 4" - 6" Duct, Stainless Steel
- GC200 Gear Clamp for 5.5" - 8.5" Duct, Stainless Steel

LOUVERED SHUTTERS (WITH TAIL PIECE)
LS louvered shutters are designed as plastic molded vent hoods that prevent wind and rain from entering the vent.
- LS100-4W Louvered Shutter, 4" Duct
- LS150-6W Louvered Shutter, 6" Duct

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ACCESSORIES

WYE FITTINGS
WYE fittings provide an airtight branch fitting. The crimp and bead edging ensures an easy connection.

- WYE-04  Y-Fitting, 4”x4”x4” Duct
- WYE-06  Y-Fitting, 6”x6”x6” Duct
- WYE-08  Y-Fitting, 8”x8”x8” Duct

SOUND ATTENUATORS
SA sound attenuators reduce fan noise traveling along ventilation ducts. Ideal for either supply or exhaust ducts.

- SA100  Sound Attenuator, 4” Duct
- SA150  Sound Attenuator, 6” Duct
- SA200  Sound Attenuator, 8” Duct
- SA250  Sound Attenuator, 10” Duct
- SA300  Sound Attenuator, 12.4” Duct
- SA400  Sound Attenuator, 16” Duct

GUARDS
Utilize a PG guard as a grille, or mount it directly on the outlet/inlet of a fan to allow for a safe installation.

- PG100  Guard, 4” Duct
- PG125  Guard, 5” Duct
- PG150  Guard, 6” Duct
- PG200  Guard, 8” Duct
- PG250  Guard, 10” Duct
- PG300  Guard, 12” Duct

ROOF CAPS
Black plastic roof caps include damper, screen, and collar. Aluminum wall caps include spring controlled damper.

- RC100  Roof Cap, 4” Duct, Black Plastic
- RC150  Roof Cap, 6” Duct, Black Plastic
- RC200  Roof Cap, 8” Duct, Black Plastic

WALL CAPS
Aluminum wall caps include spring controlled damper.

- WC100  Wall Cap, 4” Duct, Aluminum, Reducer 4” - 3”
- WC150  Wall Cap, 6” Duct, Aluminum
- WC200  Wall Cap, 8” Duct, Aluminum

FLEXIBLE INSULATED DUCT
FLM models are UL-181 and ULCS-110 M Class air duct, wrapped with 2-ply black polyester laminated inner core.

- FLM100  Flexible Insulated 4” Duct - 12.5’ Length
- FLM100-25  Flexible Insulated 4” Duct - 25’ Length
- FLM125  Flexible Insulated 5” Duct - 25’ Length
- FLM150  Flexible Insulated 6” Duct - 25’ Length
- FLM200  Flexible Insulated 8” Duct - 25’ Length
- FLM250  Flexible Insulated 10” Duct - 25’ Length
- FLM300  Flexible Insulated 12” Duct - 25’ Length

LINT TRAP
Reduce maintenance associated with dryer vents by installing a LT100 Lint Trap, which mounts to a wall or ceiling.

- LT100  Lint Trap for Dryer, 4” Duct
Industrial Fans & Blowers

OEM Solutions & Custom Fans

Commercial Fans & Dampers

Residential Fans & Air Purifiers