

# Modulating Dryer Duct Boosters for Laundromats and Laundry Rooms

Capacities up to 1,500 CFM

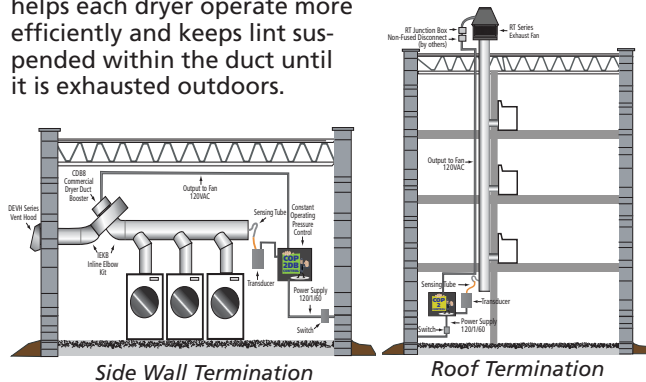
CDB8 Indoor Mount  
Booster Fan

RT750 and RT1500  
Rooftop Exhaust Fans



- ▶ Reduce lint build-up in ducts. Slash dryer duct cleaning maintenance costs and reduce fire hazards.
- ▶ Roof or Wall termination for duct layout flexibility. Keeps lint out of HVAC intakes or other undesirable locations.
- ▶ Gang multiple dryers into single duct. Eliminates multiple wall or roof penetrations for each dryer.
- ▶ Remove moisture from dryer loads faster and more efficiently. Shorter dryer cycles save energy and increase dryer throughput.

Our COP-Series controllers measure pressure within the common duct and modulate our Commercial Dryer Duct Booster fans to match exhaust volume changes. This helps each dryer operate more efficiently and keeps lint suspended within the duct until it is exhausted outdoors.

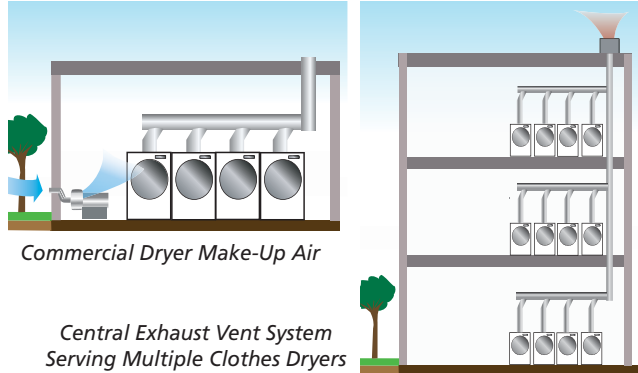


All Tjernlund Dryer Duct Boosters feature material handling blower wheels to prevent lint buildup within the blower housing and duct, reducing duct cleaning maintenance to a minimum.

# Specified Dryer Exhaust and Make-up Air Systems for Large Commercial Laundries and Multi-Story Chases

Capacities up to 12,000 CFM

Tjernlund Specified Systems include a wide range of exhaust and make-up air fans and blowers. Pair ECM fans directly with our MPC demand-based speed controller or add a VFD for 3-phase fans to create a demand-based variable speed system that matches your exhaust and/or make-up air needs.



Residential and Commercial Dryer Duct Booster® Reference Guide now Available.

(Order P/N 8500303)



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Your Single Source for  
**No-Clog  
 Residential &  
 Commercial Clothes  
 Dryer Duct Boosters®**



# LB2 No-Clog Dryer Duct Boosters for Residential Electric and Gas Clothes Dryers

Meets UL 705 DEDPV Requirements / Complies with IRC-2015

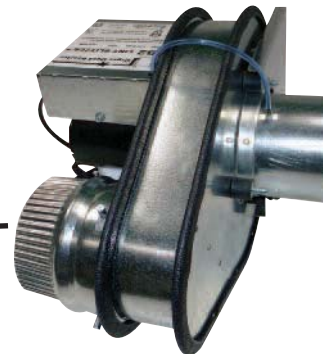
- ▶ Reduce lint build-up and duct cleaning.
- ▶ Save energy, reduce drying times by up to 60%.
- ▶ Boost exhaust velocity in ducts up to 150 equivalent feet long.
- ▶ 5-year no-clog guarantee and warranty.

Duct lengths are commonly stated in equivalent feet. Most residential clothes dryers are rated for a maximum exhaust duct length of 35 equivalent feet. At 35 equivalent feet or less the dryer's blower can maintain a proper exhaust velocity to efficiently dry the load of clothing and exhaust lint to the outdoors.

With 4 inch duct, 90 degree elbows are equivalent to 5 feet of straight duct resistance. Four elbows and 15 feet of straight duct are equal to the 35 equivalent foot limit, so it is very easy to exceed the maximum duct length.

Elbows connected to elbows chokes exhaust flow.

Gravity fights moist, lint-laden exhaust in vertically run, roof terminated ducts.



# LB2XL No-Clog Dryer Duct Booster for Commercial / Coin-Operated Dryers up to 230 CFM

Maintains clothes dryer exhaust air velocities at proper levels when dryer exhaust duct lengths exceed dryer manufacturer recommendations. Suitable for up to 120 equivalent feet of 4" duct. Substantially reduces drying times, lint build-up, cleaning maintenance and saves energy.



Automatically operates in sync with gas or electric dryers. It communicates via a factory-connected low voltage cable to an on-board booster fan control. An LED indicator panel, mounted near the dryer, displays operational status and faults.

The proprietary control monitors pressure and temperature within the duct to operate Dryer Booster in sync with the dryer and stop Dryer Booster operation if duct temperature is excessive or signal if the duct becomes blocked.

Features the Lint Blitzer™ reverse inclined, particulate handling Impeller to expel lint and prevent clogging.

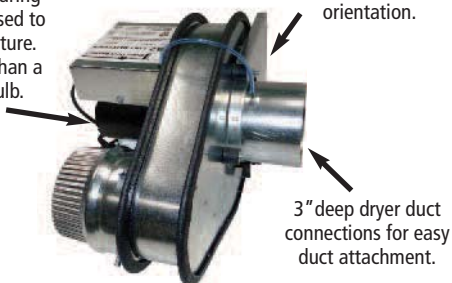
## Designed to provide years of reliable performance

### On-board multi-functional control

Install and plug-in. Pressure and temperature sensors self calibrate to automatically sync the Booster Fan operation with clothes dryer.

Status Panel confirms proper Booster Fan operation while the dryer is running and alerts user to duct blockage, fan failure and excessive exhaust temperatures. The Booster Fan will deactivate if excessive temperatures are detected.

PSC permanently lubricated ball bearing motor is not exposed to heat, lint or moisture. Uses less power than a 50 watt light bulb.



Rubber isolated mounting bracket eliminates vibration transfer. Rotates 360° to accommodate any mounting orientation.

3" deep dryer duct connections for easy duct attachment.

## See why the Lint Blitzer™ blower wheel has a 5-year no-clog guarantee

Go to [www.dryerboosters.com](http://www.dryerboosters.com) to see for yourself how our Dryer Duct Boosters outperform typical in-line fans in a lint build-up test.

