

LINTALERT®

Dryer Safety Alarm

Protect Your Home and Family

Worried about Dryer Fires?

Are your clothes
very hot after a cycle?

Experiencing
Longer Dryer Times?

Home Safety Concerns?

Want Peace of Mind?

Looking to Increase Dryer
Efficiency, Save Money?

Like to Prolong the Life of
Your Dryer and Clothes?



Always Know Your Dryer is Safe and Efficient

Critical Home Safety Issue

Lint makes it past the filter and collects in every dryer's exhaust system. The result is longer dryer times that waste energy and wear out clothes. Most importantly, exhaust problems also create a very real fire danger. Today, you can help save energy and live safer.

LintAlert® Protection

The LintAlert should be added as part of every home safety plan. As lint naturally builds up over time, LED indicators progressively illuminate to show how efficiently the dryer is exhausting. When airflow restriction becomes dangerous, an alarm is triggered.

What Makes Dryer Vent Systems Restrictive?

Many elements contribute to dryer venting efficiency. Most homeowners are unaware that lint accumulates over time and creates blockages, but that's just one factor that contributes to dryer exhaust performance. Restrictive vents result in longer drying times, increased abuse on clothes, decreased appliance lifespan, and create a possible fire hazard. This document will unveil the numerous types of restrictions that are often found in dryer vents nationwide.

Lint accumulation – Cleaning the lint screen after each cycle is critical for drying efficiency. Surprisingly, a good amount of lint makes it past the lint screen and into the dryer's exhaust run. This process does not happen overnight, but with time, lint accumulation plays a major role in dryer efficiency and even home safety. Also, lint accumulates in the bottom of the appliance and is often close to the heating element which makes for a dangerous combination.

- Solution: The LintAlert (www.LintAlert.com) progressively monitors long-term lint accumulation along with any sudden change in blockage that may occur and triggers an alarm when service is needed.

Crushed/kinked hose – Pushing the dryer back too far against the wall just to gain an extra few inches results in crushing the flex hose. This common practice will likely crush or kink the transition duct making it nearly impossible to have efficient airflow.

- Solution: The Dryerbox receptacle (www.Dryerbox.com) allows the dryer to be pushed flush against the wall without crushing any duct work. Also, using DryerFlex (www.DryerFlex.com) will help maximize airflow efficiency and is UL2158A listed with a Class 0 smoke and flame rating since it is 100% aluminum.

Bird/rodent nests – The air coming out of a dryer vent is warm and it makes its way to the exterior on the roof or side of the house. Birds and rodents find this temperature appealing for a "home", especially since a dryer vent is a pre-built shelter for those critters. It's important to periodically check for these nests at the termination point to maintain strong airflow without killing any creatures. (Dead animals in the vent result in smelly homes too!)

Poor roof or side wall terminations – Until recently, little attention was given to rooftop and side wall dryer vent terminations with respect to airflow efficiency. Some popular vent caps choke the system, resulting in restrictive airflow – even when the ductwork is clean! Other common wall vents are made of plastic material that deteriorates with UV rays.

- Solutions: The DryerJack series of roof terminations (www.DryerJack.com) along with the Dryer Wall Vent (www.DryerWallVent.com) provide outstanding protection from pest intrusion and add to the home's exterior aesthetics.

Long runs – Building code requires that a dryer vent's linear length must be 35' or less. Penalties are incurred for 90 degree elbows (5 additional feet) and 45 degree elbows (2.5 additional feet). Shorter runs put less stress on the dryer and therefore create a more efficient system.

Numerous elbows – More hard turns in a dryer exhaust run create increased back pressure along with longer drying times. Evaluate the overall duct run to see where elbows can be eliminated or possibly converted to long-turn elbows that increase airflow and quicken the drying process.

- Solutions: The Dryer-ElI (www.Dryer-ElI.com) is a long-turn elbow (available in 90 and 45 degree turns) that is 500% more airflow efficient and does not incur any code length penalty. Also, new codes require identifying the total run length close to the dryer, and the DryerPlacard (www.DryerPlacard.com) is an easy way to get each home up to speed with new building regulations.

The good news is that all of the above causes of airflow restriction can be corrected. Contact In-O-Vate Technologies to learn more about the various ways to improve dryer venting efficiency. Remember to have the dryer vent periodically cleaned in tandem with using proven innovative products to ensure your home is as safe and efficient as possible.