

DrySafer™

Dryer Lint Alarm



Installation and User Guide

THANK YOU
for choosing Drysafer™

Your Step-by-Step Guide To Help Prevent
a Dryer Fire and Start Saving Energy

BEFORE YOU GET STARTED

READ THESE INSTRUCTIONS COMPLETELY AND CAREFULLY

IMPORTANT:

- SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE
- OBSERVE ALL GOVERNING CODES AND ORDINANCES

NOTE:

- PROPER INSTALLATION IS THE RESPONSIBILITY OF THE INSTALLER
- PRODUCT FAILURE DUE TO IMPROPER INSTALLATION AND MAINTENANCE IS NOT COVERED BY WARRANTY

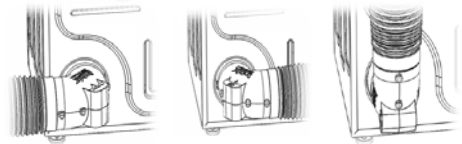
This Package Contains:



BEFORE YOU BEGIN

BE SURE TO CHECK THESE INSTALLATION GUIDELINES

There are only 3 proper installation positions:



Horizontal Left

Horizontal Right

Vertical

NOTE: Airflow Sensor can be installed by adding a loop in the flexible venting



NOTE: Airflow Sensor CAN NOT BE INSTALLED WHEN:

1. Facing Down
2. Dryer's Exhaust Vent Lines Up Directly In-line With Existing Duct In Wall

HELPFUL INSTALLATION TIPS

Top Lint Filter Installations

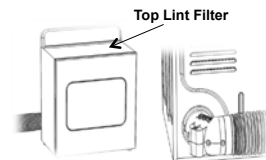
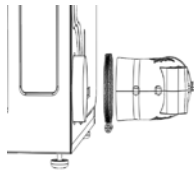


Figure 1

For best performance, install Airflow Sensor in horizontal position (Figure 1)

Rigid Duct Installations



Installing a 4 inch clamp may be needed for a more secure fit, especially when using rigid duct work.

STEP 1: INSTALL AIRFLOW SENSOR TO DRYER'S EXHAUST DUCT

1. Position Airflow Sensor with "Arrow" pointed toward outside air flow. (Figure 1)
2. Slide Airflow Sensor onto dryer's exhaust duct until snug fit: (Figure 2)

DO NOT FORCE AIRFLOW SENSOR ONCE PROPERLY SECURED

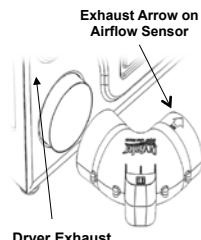


Figure 1

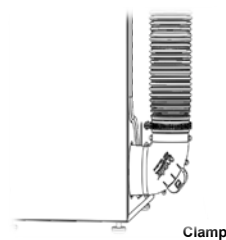


Figure 2

STEP 2: INSERT BATTERY IN ALARM, MOUNT ALARM TO WALL

1. Remove Alarm Door to insert 9 volt battery (Figure 1)
2. Secure Alarm Wall Mount to wall no more than 5 ft. from dryer for convenient access and view.
3. Slide Alarm into Wall Mount. (Figure 2)

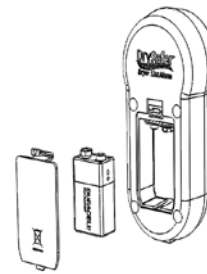


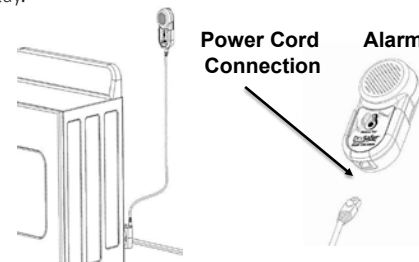
Figure 1



Figure 2

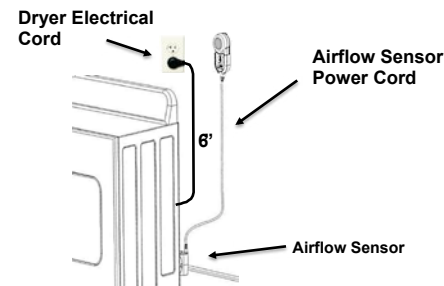
STEP 3: CONNECT ALARM TO AIRFLOW SENSOR

1. Connect Alarm to Airflow Sensor's Power Cord
2. Press Test Button
3. Alarm will sound
 - 1 beep at connection, alerting you to a successful installation
 - 1 long tone after pressing test button, alerting you the system is ready.



CAUTION: KEEP POWER CORDS SEPARATED

To help prevent electrical interference, be sure to separate Airflow Sensor Power Cord a minimum of 6" away from dryer's electrical power cord.



REPLACING BATTERY

NOTE: Battery life is approximately 1-2 years.

Weak Battery Warning: few minutes to warn of a weak battery, similar to a smoke alarm. To replace:

1. Remove Alarm from Wall Mounted (Figure 1)
2. Remove Alarm's back cover. (Figure 2)
3. Replace battery.



Figure 1

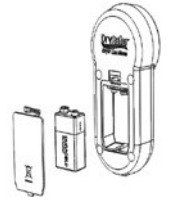


Figure 2

NOTIFICATION INFORMATION (Beeps)

A) Clog Discovered: (3 Beeps) After the dryer begins to run within 1 minute,

3 BEEPS will sound (**See note below). **3 BEEPS** will continue to sound periodically until the clog is removed.

B) Initial Test: After linking DrySafer Airflow Sensor to Alarm: **1 BEEP** will alert you to a successful connection.

C) System check: Once both devices are connected, press the test button:

1 BEEP confirms that the system is in Good operation
3 BEEPS indicates a stuck open Flap

D) Overheat Alarm: If the exhaust temperature ever reaches above 185 degrees F.

5 RAPID BEEPS will repeat every 5 seconds.

E) Low Battery:

1 BEEP every minute will sound when battery life is low.

****Note:** DrySafer's alert system (3 Beeps) will increase duration time as the vent becomes more and more clogged. It will alert you every few minutes (beginning of a clogged line), then increase to every 5 seconds, (indicating a severe clog).

DRYSAFER SAFETY TIPS

As part of your home's safety program, change the Alarm battery once a year or when changing batteries in your smoke and carbon monoxide detectors. We also recommend changing the battery after the Alarm indicates a clogged vent to ensure proper battery operation.

Periodically test the battery by using the test button located on the DrySafer Alarm. ****SEE NOTIFICATION INFORMATION SHEET**

Have your dryer vent cleaned and inspected every two years

Inspect your vent hood on the outside of your home for any obstructions or lint buildup.

Inspect your venting for any kinks, obstructions or objects that may have fallen onto it.

Clean your lint filter after every load of clothes.

Keep all flammable liquids, oily rags and other objects away from the dryer.

Make sure to unplug your dryer while working on it.

Visit our website @ www.DrySafer.com

ONLY YOU CAN PREVENT CLOTHES DRYER FIRES



Proper Installation & Choice of Building Materials

- 1. Make sure the dryer duct is made of solid metallic or flexible aluminum material. Vinyl is combustible and spiral-wound surfaces tend to catch lint more readily.
- 2. The dryer duct should vent to the exterior and in no case should it vent to an attic or crawlspace. Avoid the use of inside heat recovery diverter valves or termination boxes, which do not comply with current standards.
- 3. Avoid kinking or crushing the dryer duct to make up for installation in tight quarters -this further restricts airflow.
- 4. Minimize the length of the exhaust duct (maximum recommended lengths vary by model and depend on a number of factors such as number of bends. Check your dryer's manufacturer for specifications).
- 5. If at all possible, use 4-inch diameter vent pipe and exterior exhaust hoods that have openings of sixteen square inches or more, which offer the least resistance to air flow.
- 6. Don't use screws to put your vent pipe together - the screw shafts inside the piping collect lint and cause additional friction.

Keep the Dryer Duct in Good Condition

Disconnect, clean and inspect the dryer duct run on a regular basis or hire a professional company to clean the dryer duct. This will reduce a fire hazard plus increase both the dryer's efficiency and lifespan.



Dryer Vent System Chart

Number of 90° Turns	MAXIMUM LENGTH of 4" (10.2 cm) Dia. Rigid Metal Duct	
	VENT HOOD TYPE	
	(Preferred)	
		
0	60 ft.(18.28 m)	48 ft.(14.63 m)
1	52 ft.(15.84 m)	40 ft.(12.19 m)
2	44 ft.(13.41 m)	32 ft. (9.75 m)
3	32 ft.(9.75 m)	24 ft. (7.31 m)
4	28 ft.(8.53 m)	16 ft. (4.87 m)

How to Determine the Proper Vent Path

- Select route that will provide straightest and most direct path outdoors.
- Plan installation to use fewest number of elbows and turns.
- When using elbows or making turns, allow as much room as possible.
- Bend vent gradually to avoid kinking.
- Use as few 90° turns as possible.
- Use “Vent System Chart” to determine type of vent material and hood combinations acceptable to use.

Dryer Vent System Chart

Number of 90° Turns	MAXIMUM LENGTH of 4" (10.2 cm) Dia. Flexible Metal Duct	
	VENT HOOD TYPE	
	(Preferred)	
		
0	30 ft. (9.14 m)	18 ft. (5.49 m)
1	22 ft. (6.71 m)	14 ft. (4.27 m)
2	14 ft. (4.27 m)	10 ft. (3.05 m)
3	NOT RECOMMENDED	

Note: Flexible venting should not exceed 8 feet in length.
Recommended Rigid Metal Duct Shown Below:



FAQ’s

What causes my vent to be clogged?

Excess lint from clothes, animals nesting inside dryer vents, leaves and other debris are common causes. Broken vent hoods and vent pipes can also be a cause. We suggest you have a professional inspect your system to insure optimal efficiency and safety.

Can DrySafer save me money?

Yes. Clothes dryers are one of the most expensive appliances to operate in your home. When your dryer vent is obstructed, it can take up to 2-3 times longer to dry a load of clothes. DrySafer alerts you to an obstructed dryer vent condition so you can have it cleaned to restore the efficiency and safety of the dryer.

Does DrySafer work on both electric and gas dryers?

Yes. DrySafer works on all clothes dryers and has a universal fit for easy installation.

Does DrySafer work on stackable combination washer/dryer units?

Yes. DrySafer has a universal fit for all dryers.

Will I void my clothes dryers warranty by installing this product?

No. DrySafer does not affect the operation of the clothes dryer. DrySafer only alerts you to a hazardous condition in your dryer vent line.

Can I test DrySafer to see if the battery is good?

Yes. The Alarm has a test button to determine if the battery is good.

Will DrySafer be affected by the clothes dryers’ heat?

No. DrySafer Airflow Monitor is made of heat resistant POLY-CARBONATE RESIN, designed for clothes dryers exclusively.

Is there a warranty on DrySafer?

Yes. DrySafer comes with a one year limited manufacturer’s warranty.

Can DrySafer save me on costly repairs for my clothes dryer?

Yes, most repairs to clothes dryers are caused by excessive heat buildup inside the dryer.

Is there a maximum dryer vent length to insure proper operation of DrySafer?

DrySafer has been tested with a dryer vent of 50 feet in length. However, always follow your clothes dryer manufacturer’s specifications for proper dryer venting requirements.

TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE
I press and hold the test button for 5 seconds and it does not beep	1. Bad battery 2. Make sure battery connection is good 3. Make sure all connections between the alarm and airflow sensor are good. 1 Beep will sound once properly connected and activated
Drysafer beeps 3 times, pauses for 5 seconds and repeats	1. Your lint filter is clogged. Clean and retest 2. The dryer is overloaded, blankets or carpets 3. The vent is clogged 4. The vent is crushed behind the dryer 5. The dryer has a clog inside 6. The outside vent hood is clogged
The alarm is sounding 5 rapid beeps every 5 seconds.	1. Your dryer overheated. Check for proper airflow and call a professional technician to inspect your dryer
My existing wall exhaust duct lines up directly with my dryer's duct behind my dryer. Is there a way to install Drysafer?	1. You will have to move your dryer over 4" to make it fit. Drysafer is shaped in a 90 ° elbow design 2. You can make a loop in the vent and try to connect it that way 3. Will not work on this type of setup
My Drysafer keeps beeping a single beep every few minutes	1. Similar to a smoke alarm, your battery is weak and needs to be replaced. 2. The power cords are touching or too close to each other, separate the power cords by 6 inches
I press the test button and 1 beep signals	1. This means the system is connected and working ok, all clear.
The alarm sounded 3 beeps and my dryer is not running	1. Something is obstructing the flap from fully closing inside of the airflow sensor. Remove and clear. 2. The airflow sensor is facing downward. Install level in a horizontal installation
My dryer is indicating a clogged vent but my Drysafer is not going off	1. Install the airflow sensor horizontally for a quicker response to a clog on this model dryer 2. Press the test button to make sure the battery is good
The alarm is sounding 3 beeps every few minutes while my dryer is running	1. This indicates the beginning of a clogged line 2. Check and clean your lint filter 3. The dryer is overloaded, blankets or carpets 4. Clean out your vent

LIMITED WARRANTY TO ORIGINAL PURCHASER

DrySafer Corporation, Inc., (“DrySafer”), the maker of DrySafer® Dryer Lint Alarm brand products warrants for a period of one year from date of purchase in its original carton, that this product is to be free from manufacturing defects in materials and workmanship. DrySafer, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty.

For full warranty details, refer to Warranty Statement packed inside carton or visit www.drysafer.com. Be sure to register your DrySafer purchase at www.DrySaferProductRegistration.com.

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