

# HDR Remodeling

## “Dryer Vent Installation” **Information Sheet**

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### **Installation of dryer vent**

HDR will purchase and install materials necessary to properly vent the dryer to the outside. Carbon monoxide is a by-product of combustion for gas dryers and can make you sick or kill you. According to the consumer Products Safety Commission, there were 15,500 dryer fires last year. Lint, which is highly flammable, was the major source of these fires. Lint buildup in dryer vents is a hazard. People need to know their dryer vents need to be cleaned.

#### **Codes:**

1. NFPA 211 Chimney and NFPA 54 National Fuel Gas Code require that the exhaust should go to the outside.
2. Most manufacturers limit the total run of the flex metal connection pipe to 25'
3. NO. You cannot vent a dryer through a masonry chimney.
4. NO. You cannot use plastic transition ductwork from dryer to wall
5. Use 4" ducting material unless specified by manufacturer.
6. Never install flexible duct in the walls, ceilings, or concealed space
7. You must have exhaust hood or screen over the termination.
8. Use fire rated duct tape. Do not use screws.
9. In air tight houses consider using make up air device.
10. Look for clogged exhaust lines.
11. Drain exhaust lines downward when under the house and exposed to cool air.

#### **Indications of a problem;**

1. Excessive humidity such as moist walls or a damp smell is an indication of the increased humidity
2. The associated build up of molds and spores can exacerbate medical conditions
3. Wet spots on the walls or ceiling
4. Smell of damp clothes in the room
5. Moisture on the windows
6. Occupants complaining of headaches

Excessive humidity in the proximity of the dryer such as moist wall or a damp smell is an indication of the increased humidity associated with a failed or missing dryer vent. The associated build up of molds and spores can exacerbate medical conditions in the old and very young. HDR recommends that a dryer vent be installed with each dryer and in accordance with current building codes. Most manufacturers suggest that the dryer vent be metal at the termination of the dryer exhaust pipe located at the bottom rear of the dryer. Manufactures also suggest that if the total length of the dryer line is longer than 10 feet, valley-less single walled metal vent pipe be use.

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