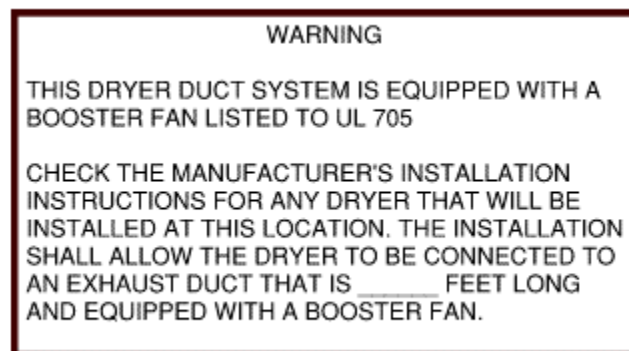

BUILDING DIVISION DIRECTIVE M-001

**DOMESTIC DRYER LENGTH
LENGTH LIMITATION**

DECEMBER 3, 2024

Dryer vent lengths shall be as limited per the following options:

1. The total combined vertical and horizontal length of a dryer vent shall not exceed 14 feet and shall not have more than two 90-degree elbows. Two feet shall be deducted from the dryer vent length for each 90-degree elbow in excess of two. CMC 504.4.2.1
2. A dryer exhaust duct power ventilator booster fan may be used with single residential clothes dryers if listed for that specific use and listed and labeled per UL 705. It must be installed strictly in accordance with the manufacturer's installation instructions. For all systems provided with a "booster fan" a durable placard shall be provided. It shall be a minimum of 4 inches vertically and 5 inches horizontally and shall be permanently affixed on a wall visible from and close to the dryer location. The placard shall be rigid and durable and provide the actual length of the installed dryer exhaust vent. The following is an example:



3. Where permitted by the dryer manufacturer extended dryer duct lengths shall be permitted. Total developed length shall be measured from the transition duct connected to the dryer up to the outlet terminal. The equivalent length of vent shall be the total combined vertical and horizontal length less the equivalent length of fittings installed. The equivalent length of fittings shall be determined using the table below.

DRYER EXHAUST EQUIVALENT LENGTH	FITTING TYPE (FEET)
4" radius 45-degree elbow	2-1/2 feet
4" radius 90-degree elbow	5 feet
6" radius 45-degree elbow	1 foot
6" radius 90-degree elbow	1 foot 9 inches
8" radius 45-degree elbow	1 foot
8" radius 90-degree elbow	1 foot 7 inches
10" radius 45-degree elbow	9 inches
10" radius 90-degree elbow	1-1/2 feet

For all ducts provided per item 3 above a durable placard shall be provided. It shall be a minimum of 4 inches vertically and 5 inches horizontally and shall be permanently affixed on a wall visible from and close to the dryer location. The placard shall be rigid, durable and provide the actual length of the installed dryer exhaust vent. The following is an example:

<p>WARNING.</p> <p>CHECK THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ANY DOMESTIC DRYER THAT WILL BE INSTALLED AT THIS LOCATION. THE INSTALLATION INSTRUCTIONS SHOULD ALLOW THE DRYER TO BE CONNECTED TO AN EXHAUST DUCT (VENT) THAT IS _____ FEET.</p> <p>DO NOT REMOVE THIS PLACARD</p>
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Note: All Manufacturer's Installation Instructions apply to all installations.