

Code Approved for Longer Dryer Exhaust Runs

Zero Penalty



New 45° Elbow—4" Diameter 10" Radius



Model
LT45



500%

More Airflow Efficient

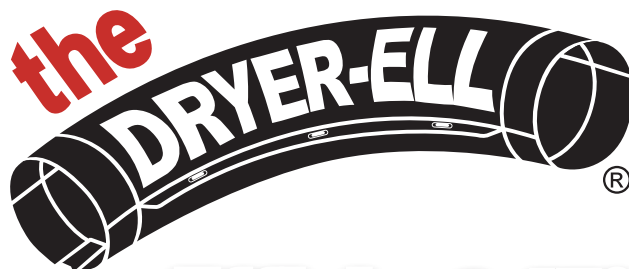
Underwriters Laboratories found the Dryer-Ell to be 500% more efficient than sectioned elbows.

- Replaces Restrictive Small Radius Elbow
- Smart Booster Fan Alternative
- Increases Dryer Efficiency
- Code Approved



Award Winning Design

The Dryer-Ell takes top honors with an independent panel of leading contractors for ventilation products.



Efficient 45° Long Turn Elbows

← Overcome Length of Run Issues →

Install Dryer-Ells for duct run flexibility and increased efficiency. Measured the same as straight pipe under current code, their longer radius and smooth interior reduce friction loss. Today, you can build longer exhaust systems by eliminating the penalty normally assessed to sectioned elbows.



INTERNATIONAL
CODE COUNCIL®

IMC & IRC Code Approved

2009 code confirms that 10 inch radius 45° elbows have an equivalent length equal to the LT45's actual length.

For municipalities adopting 2009 code, tables are now included in IMC and IRC that clearly show the Dryer-Ell can be measured the same as straight pipe. (IMC 504.6.4.1 — IRC M1502.4.4.1)

For older adoptions, 2006 residential code allows the Dryer-Ell to be measured using ASHRAE methodology which translates to a one-to-one ratio.

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*The Dryerbox
People*

www.Dryer-Ell.com

Technical drawing of a curved mechanical part, likely a bracket or arm, showing dimensions and labels.

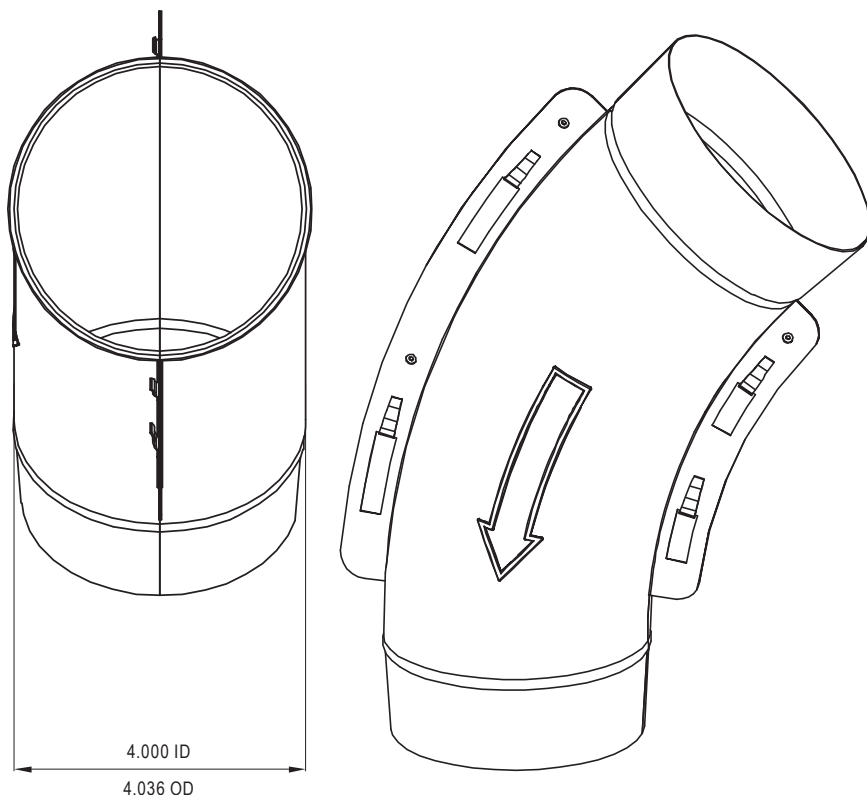
Dimensions:

- Overall length: 11.00
- Overall width: 4.170
- Inner diameter (ID) at the top: 4.051
- Inner diameter (ID) at the bottom: 3.938
- Radius of the top arc: R10.000
- Radius of the bottom arc: R12.750
- Angle of the bottom arc: 45.00°
- Length of the bottom arm: 1.500
- Length of the bottom arm (ID): 3.805
- Length of the bottom arm (OD): 3.841
- Length of the bottom arm (OD): 3.998

Labels:

- ID (Inner Diameter)
- OD (Outer Diameter)
- R10.000 (Radius)
- R12.750 (Radius)
- 45.00° (Angle)

The drawing includes a dashed line indicating the center of the top arc and a curved arrow pointing towards the bottom arm.



Dryer-Ell — U.S. Patent 7,210,505