

Code Approved for Longer Dryer Exhaust Runs

Zero Code Penalty

10" Radius Smooth Elbows



Model
LT45



Model
LT90



45° & 90° Elbows

ZERO
Run Length
PENALTY

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



HARDI

Award Winning Design

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



← 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.



IMC & IRC Code Approved

10 inch radius elbows are written into current IRC M1502 and IMC 504 to count the same as straight pipe.

For municipalities adopting 2021 code, tables are 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, 2021 residential code allows the Dryer-Ell to be measured using ASHRAE methodology which translates to a one-to-one ratio.

INOVATE[®]

888-443-7937

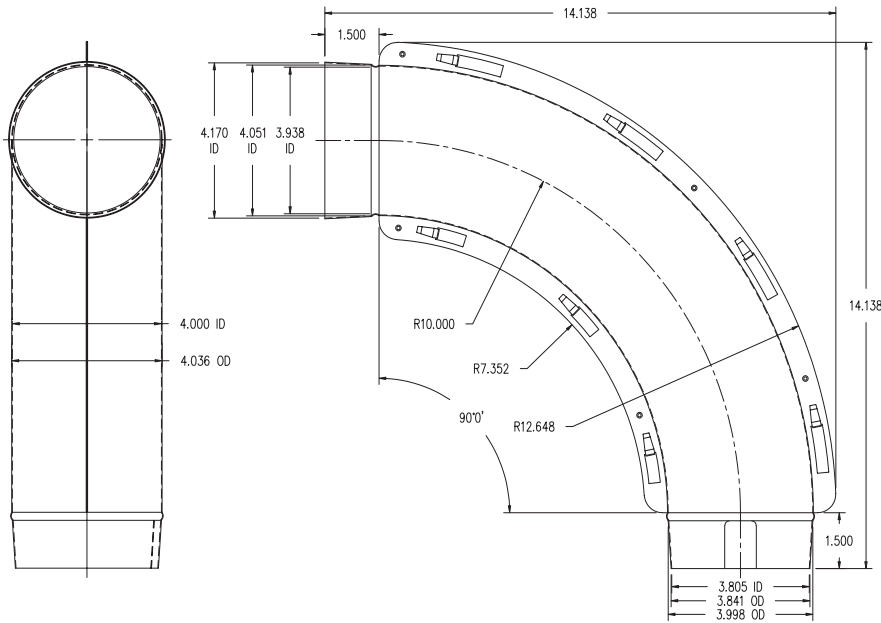
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Dryer-Ell.com

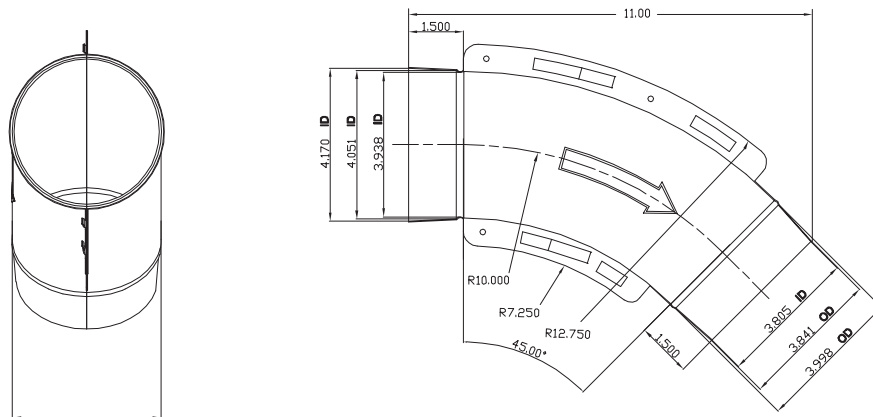


Technical Product Specifications

Model LT90



Model LT45



SKU	Dimensions
LT90	90° Turn, 4" Diameter 10" Radius, 18" Overall Length
LT45	45° Turn, 4" Diameter 10" Radius, 9" Overall Length

Building Code Reference

2009 & 2012 International Code Council
 10" radius smooth 90° elbow equivalent length is 18" (Equals LT90's actual length).
 10" radius smooth 45° elbow equivalent length is 9" (Equals LT45's actual length).

- IMC Table 504.6.4.1
- IRC Table M1502.4.4.1

Performance Data

For Use:

- Dryer exhaust fitting (attic or floor joists)
- Replacement to the standard 4" elbow
- Efficient elbows for dryer venting

Materials:

- Deep drawn process made from .018" (26 gauge) aluminized steel

General Information

Benefits:

- Larger radius and smooth interior
- Zero code required run-length reduction
- 500% more airflow efficient
- Replaces restrictive 3.5" radius elbow
- Alternative to a booster fan

Features:

- 2-piece construction for easy assembly
- Distinct male and female ends
- Fastening tabs for hook and twist assembly
- Notch for exact snaplock pipe fit
- Secondary securing accomplished with pre-drilled screw holes

Manufactured By

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