



CSI: DIVISION: 10 00 00 – SPECIALTIES  
Section: 10 00 00 – Specialties, Dryer Vent

### Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: X Vent Box

Listee: Red Viking Group Inc.  
8022 Providence Rd., Ste 500-145  
Charlotte, NC 28277  
[www.xventbox.com](http://www.xventbox.com)

### Compliance with the following codes:

2024, 2021, 2018, 2015, and 2012 *International Mechanical Code*® (IMC)  
2021, 2018, 2015, and 2012 *International Residential Code* (IRC)  
2024, 2021, 2018, 2015 and 2012 *Uniform Mechanical Code*® (UMC)\*

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### Compliance with the following standards:

ASTM E814-2013(R17), Standard Test Method for Fire Tests of Penetration Firestop Systems

### Identification:

The X Vent Box packaging shall be marked with the manufacturer's name, nominal pipe size, and ICC-ES PMG listing mark.

### Installation:

The X Vent Box is to be installed in accordance with the manufacturer's instructions and the applicable code.

Models:

The X Vent Box family of products are available in 4", 6", 8" sizes and in a wide array of orientations and duct ports.

Front louvers are removable for service/maintenance without damaging any weather tight seals. Louver blades are spaced to prevent any animal life from taking up residence, while allowing for proper ventilation. The X Vent Box louvers were found to contain a free open-air allowance ranging between 187% to 424% over the 12.5 square inch requirement per 504.4.1 of the IMC.

Type	Descriptions
BR Series	BRICK / STONE EXTERIOR
BRS Series	BRICK / STONE EXTERIOR
F Series	STEEL / ALUMINUM PANEL
FC Series	GLAZING SYSTEMS / COMPOSITE PANEL SYSTEMS
S Series	STUCCO FINISH OVER FRAMING

Model	Total Louver Free Area (sq. inch)	Free Area %	Max Duct CFM (cubic feet per min.)	Pressure Drop
DVEB	28.53 (per 4" chamber)	228%	155 cfm	0.04
	31.75(6" chamber)	112%	288 cfm	0.05
DHEB	28.53 (per 4" chamber)	228%	155 cfm	0.04
	31.75 (6" chamber)	112%	288 cfm	0.05
TVEB	28.53 (4" chamber)	228%	155 cfm	0.04
	53 (6" chamber)	187%	288 cfm	0.06
	53 (8" chamber)	94%	410 cfm	0.06
THEB	28.53 (4" chamber)	228%	155 cfm	0.04
	53 (6" chamber)	187%	288 cfm	0.06
	53 (8" chamber)	94%	410 cfm	0.06
MDEB	28.53 (per chamber)	228%	155 cfm	0.04
SEB	53 (4")	424%	155 cfm	0.04
	53 (6")	187%	288 cfm	0.06
	53 (8")	94%	410 cfm	0.06
SLIM	28.76 (4")	230%	185 cfm	0.05
	28.76 (5")	146%	220 cfm	0.05
4ILS	11.38	91%	125 cfm	N/A
6ILS	23.21	82%	265 cfm	N/A

Constructed from high temperature plastic polymers. In accordance with Section 504.2 of IMC, clothes dryer duct which penetrate a wall or ceiling membrane, the annular space shall be sealed with noncombustible material, approved fire caulking or a noncombustible dryer exhaust duct wall receptacle. The Fire Rated X Vent Box incorporates three layers of a 3-in. wide and 2mm thick proprietary intumescent pad around the perimeter between the metal housing and plastic exhaust box.

Test Standard	Fire Rating	Design Number
ASTM E814	F-Rating: 60 Min.	RVG/WV 60-01
	T-Rating: 55 Min.	

Conditions of Listing:

1. The X Vent Box must be installed in accordance with this listing, the applicable code and the manufacturer's published installation instructions.
2. The X Vent Box is under a quality control program with annual inspections by ICC-ES.