



Effective Date: February 2025

This listing is subject to re-examination in one year.

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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

Compliance with the following codes:

2024, 2021, 2018, 2015, and 2012 *International Mechanical Code® (IMC)*
2024, 2021, 2018, 2015, and 2012 *International Residential Code (IRC)*
2024, 2021, 2018, 2015 and 2012 *Uniform Plumbing Code® (UPC)**
2024, 2021, 2018, 2015 and 2012 *Uniform Mechanical Code® (UMC)**
2022, 2019, and 2016 *California Plumbing Code (CPC)*
2022, 2019, and 2016 *California Mechanical Code (CMC)*
2023, 2020, and 2017 *City of Los Angeles Plumbing Code*
2023, 2020, and 2017 *City of Los Angeles Mechanical Code*

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Compliance with the following standards:

ASTM E814-2024, 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 Section 504.4.2 of the IMC and an exhaust opening of more than ¼ of an inch (6.4 mm) but no more than ½ of an inch (12.7 mm) in accordance with Section 502.1 of the UMC, CMC and City of Los Angeles Mechanical Code along with Section 506.8 of the UPC, CPC and City of Los Angeles Plumbing Code for Water Heaters.

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.