U.S. DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency National Flood Insurance Program

OMB No. 1660-0008 Expiration Date: November 30, 2022

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

					FOR INSUF	RANCE COMPANY USE	
A1. Building Owner's Name Jeffrey P. Goldstein Policy Number:							ber:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 114 South Troy Avenue Company NAIC Number:							
City Ventnor	City State ZIP Code Ventnor New Jersey 08406						
A3. Property Desc BLOCK: 31 LOT: 1		and Block Numbers, Ta	ax Parce	l Number, Le	gal Description, e	etc.)	
A4. Building Use (e.g., Resider	ntial, Non-Residential,	Addition	, Accessory,	etc.) Resident	ial 3Story Frame	
A5. Latitude/Longi	itude: Lat	39*20'03.54"	Long	74*29'01.29"	Horizont	al Datum: NAD 1	927 × NAD 1983
A6. Attach at leas	t 2 photograp	ohs of the building if the	e Certific	cate is being ι	used to obtain floo	od insurance.	
A7. Building Diagr	am Number	8					
A8. For a building	with a crawls	space or enclosure(s):					
a) Square foo	tage of crawl	lspace or enclosure(s)		2	2000.00 sq ft		
b) Number of	permanent flo	ood openings in the cr	awlspac	e or enclosure	e(s) within 1.0 foc	ot above adjacent gra	ade 10
c) Total net ar	ea of flood o	penings in A8.b	2	2000.00 sq in	1		
d) Engineered	l flood openir	ngs? ⊠Yes 🗆 N	V o		,		
A9. For a building v	vith an attach	ned garage:					
a) Square foot	age of attach	ned garage		785.00 sq ft	÷		
b) Number of p	permanent flo	ood openings in the at	tached g	arage within	1.0 foot above ad	ijacent grade 5	
c) Total net are	ea of flood op	penings in A9.b		1000.00 sq	in		
d) Engineered	flood openin	gs? ⊠ Yes □ N	10				•
CECTION D. ELOOD INCUDANCE DATE MAD (FIDM INFORMATION							
P1 NEID Commun	SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION P1 NEID Community Name & Community Number P2 County Name P3 County Na						B3. State
B1. NFIP Community Name & Community Number Ventnor City ~ 345326 B2. County Name Atlantic B3. State New Jersey							
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	Effe	RM Panel ective/ vised Date	B8. Flood Zone(s)	B9. Base Flood E (Zone AO, use	levation(s) e Base Flood Depth)
345326/0001	В	06-18-1971	09-15-1		В	N/A	
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:							
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source:							
B11. Indicate elevation datum used for BFE in Item B9: X NGVD 1929 NAVD 1988 Other/Source:							
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? 🗌 Yes 🗵 No							
Designation Date: CBRS DPA							

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30

IMPORTANT: In these spaces, copy the c	corresponding information fro	m Cooffee A			November 30, 20
Duilding Street Address (including Apt., Uni	FOR INSURANCE COMPANY US Policy Number:				
111 Codin 110y Avenue	Policy	Number:			
City	State	ZIP Code	Compa	ny NAIC	Number
Ventnor	New Jersey	08406	Compa	III INAIC	Number
SECTION C - E	BUILDING ELEVATION INFO	RMATION (SURVEY	REQUIRE	D)	
0.4 5 11 11	Construction Drawings*	Building Under Cons		****	
*A new Elevation Certificate will be red	quired when construction of the	huilding is complete			hed Construction
C2. Elevations – Zones A1–A30, AE, AH, Complete Items C2.a–h below accord Benchmark Utilized: Private Benchn	A (with BFE), VE, V1–V30, V (with BFE), VE, V1–V30, V (wing to the building diagram spec	vith BFE), AR, AR/A, Al cified in Item A7. In Pue	R/AE, AR/A	41–A30, . าly, enter	AR/AH, AR/AO. meters.
Indicate elevation datum used for the		atum: NGVD 1929			
NGVD 1929 ☐ NAVD 198 Datum used for building elevations mu	8 Other/Source:				
			Char	ale tha man	
a) Top of bottom floor (including base	ment, crawlspace, or enclosure	floor)		feet	easurement used.
b) Top of the next higher floor				⊠ feet	☐ meters
c) Bottom of the lowest horizontal stru	ctural member (V Zones only)			⊠ feet	meters
d) Attached garage (top of slab)	Tonice only)			∑ feet	meters meters
 e) Lowest elevation of machinery or ed (Describe type of equipment and loc 	quipment servicing the building cation in Comments)		h	X feet	☐ meters
f) Lowest adjacent (finished) grade ne			L	ズ feet	☐ meters
g) Highest adjacent (finished) grade ne				⊠ feet	
 h) Lowest adjacent grade at lowest ele structural support 		g		⊼ feet	meters
SECTION D - S	URVEYOR, ENGINEER, OR	A DOUITEOT CEDTIE		7 1661	meters
This certification is to be signed and sealed I certify that the information on this Certificat statement may be punishable by fine or impr	by a land surveyor, engineer, or	architect authorized by		tify eleva	ation information.
Were latitude and longitude in Section A prov					if attachments.
Certifier's Name Robert J. Catalano ~ Surveyor	License Number		Γ		
Title	18612				
Owner			7		
Company Name					ace
Robert J. Catalano & Associates					38)
Address			4		
2 South Virginia Avenue					16
City Itlantic City	State New Jersey	ZIP Code 08401			and the second
ignature	Date 06-21-2021	Telephone (609) 345-1887	Ext.	**************************************	
opy all pages of this Elevation Certificate and a	all attachments for (1) community	official (2) incurred			
omments (including type of equipment and lot lelevations refer to NGVD (1929 datum) maioss opening area. These values may be increbtes by Catalano Surveyors. 2e) ~ Lowest Elevation of Machinery is the Highneyers Flood Vents are Smart Vent Model	ocation, per C2(e), if applicable) intained by Catalano Surveyors, eased in accordance with FEMA				

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding info		INSURANCE COMPANY USE			
Building Street Address (including Apt., Unit, Suite, and/or Bld 114 South Troy Avenue	g. No.) or P.O. Route and Box		y Number:		
City State Ventnor New Je	ZIP Code rsey 08406	Comp	pany NAIC Number		
SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)					
For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B,and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.					
E1. Provide elevation information for the following and check the highest adjacent grade (HAG) and the lowest adjacen a) Top of bottom floor (including basement,	the appropriate boxes to show It grade (LAG).				
crawlspace, or enclosure) is b) Top of bottom floor (including basement,	feet [above or Delow the HAG.		
crawlspace, or enclosure) is		_	above or Delow the LAG.		
E2. For Building Diagrams 6–9 with permanent flood opening the next higher floor (elevation C2.b in					
the diagrams) of the building is		_	above or below the HAG. above or below the HAG.		
E3. Attached garage (top of slab) is E4. Top of platform of machinery and/or equipment					
servicing the building is			above or below the HAG.		
E5. Zone AO only: If no flood depth number is available, is the floodplain management ordinance? Yes No	Unknown. The local officia	al must certify	this information in Section G.		
SECTION F - PROPERTY OWNER (C	R OWNER'S REPRESENTAT	IVE) CERTIFI	CATION		
The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.					
community-issued BFE) or Zone AO must sign here. The state	ements in Sections A, B, and E	are correct to	the best of my knowledge.		
community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name	ements in Sections A, B, and E	are correct to	the best of my knowledge.		
community-issued BFE) or Zone AO must sign here. The state	ements in Sections A, B, and E	are correct to	the best of my knowledge. ZIP Code		
community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name	ements in Sections A, B, and E	are correct to	ZIP Code		
community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Nam- Address	ements in Sections A, B, and E	State	ZIP Code		
community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Nam- Address Signature	ements in Sections A, B, and E	State	ZIP Code		
Community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name Address Signature Comments	ements in Sections A, B, and E	State	ZIP Code		
Community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name Address Signature Comments	ements in Sections A, B, and E	State	ZIP Code		
Community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name Address Signature Comments	ements in Sections A, B, and E	State	ZIP Code		
Community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name Address Signature Comments	ements in Sections A, B, and E	State	ZIP Code		
Community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name Address Signature Comments	ements in Sections A, B, and E	State	ZIP Code		
Community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name Address Signature Comments	ements in Sections A, B, and E	State	ZIP Code		
Community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name Address Signature Comments	ements in Sections A, B, and E	State	ZIP Code		
Community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name Address Signature Comments	ements in Sections A, B, and E	State	ZIP Code		
Community-issued BFE) or Zone AO must sign here. The state Property Owner or Owner's Authorized Representative's Name Address Signature Comments	ements in Sections A, B, and E	State	ZIP Code		

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2022

IMPORTA	NT: In these spaces, copy the corre	FOR INSURANCE COMPANY USE					
114 Souti	Street Address (including Apt., Unit, So h Troy Avenue	uite, and/or Bldg. No.) or P.C). Route and Box No.	Policy Number:			
City Ventnor		State New Jersey	ZIP Code 08406	Company NAIC Number			
	SECTIO	ON G - COMMUNITY INFOR	RMATION (OPTIONAL)				
Sections	The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.						
G1. 🗌	The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)						
G2.	A community official completed Section Zone AO.	on E for a building located ir	i Zone A (without a FEN	IA-issued or community-issued BFE)			
G3. 🗆	The following information (Items G4-	G10) is provided for commu	nity floodplain managen	nent purposes.			
G4. Perm	nit Number	G5. Date Permit Issued		Date Certificate of Compliance/Occupancy Issued			
G7. This	permit has been issued for:	New Construction Sub	stantial Improvement				
	vation of as-built lowest floor (including ne building:	; basement)		t meters Datum			
G9. BFE	or (in Zone AO) depth of flooding at t	he building site:		t meters Datum			
	nmunity's design flood elevation:		fee	t meters Datum			
	cial's Name Dino Caualia	Title	- C.F.W				
Communit	Dino CAUAled ty Name Van hor	Tele	ephone 609	823-1981			
Signature	⊋; c-;	Dat					
Comments	s (including type of equipment and loc	ation, per C2(e), if applicable					
				Check here if attachments.			

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2022

IMPORTANT: In these spaces,	FOR INSURANCE COMPANY USE		
Building Street Address (including 114 South Troy Avenue	g Apt., Unit, Suite, and/or Bldg. No.) or	P.O. Route and Box No.	Policy Number:
City	State	ZIP Code	Company NAIC Number
Ventnor	New Jersey	08406	

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Photo One

Photo One Caption Front View 6/21/2021

Clear Photo One



Photo Two

Photo Two Caption Side View 6/21/2021

Clear Photo Two

BUILDING PHOTOGRAPHS

FLEVATION CERTIFICATE

Continuation Page

OMB No. 1660-0008 Expiration Date: November 30, 2022

FFFAVIOR OFICE			
IMPORTANT: In these spaces, copy the	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt., Ur 114 South Troy Avenue			Policy Number:
City	State New Jersey	ZIP Code 08406	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo Three

Photo Three Caption Rear View 6/21/2021

Clear Photo Three

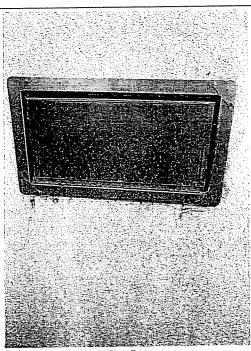


Photo Four Caption Engineered Flood Vent Smart Vent Model #1540-520

Clear Photo Four



Most Widely Accepted and Trusted

ICC-ES Evaluation Report

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ESR-2074

Reissued 02/2021 Revised 04/2021 This report is subject to renewal 02/2023.

DIVISION: 08 00 00—OPENINGS

SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514 FLOOD VENT SEALING KIT #1540-526



"2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence" A Subsidiary of CODE COUNCIL

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ICC-ES Evaluation Report



ESR-2074

Reissued February 2021 Revised April 2021 This report is subject to renewal February 2023.

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A Subsidiary of the International Code Council®

DIVISION: 08 00 00—OPENINGS

Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514 FLOOD VENT SEALING KIT #1540-526

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021, 2018, 2015, 2012, 2009 and 2006 International Building Code® (IBC)
- 2021, 2018, 2015, 2012, 2009 and 2006 International Residential Code® (IRC)
- 2021, 2018 International Energy Conservation Code® (IECC)
- 2013 Abu Dhabi International Building Code (ADIBC)†

The ADIBC is based on the 2009 IBC, 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

Properties evaluated:

- Physical operation
- Water flow

2.0 USES

The Smart Vent® units are engineered mechanically operated flood vents (FVs) employed to equalize hydrostatic pressure on walls of enclosures subject to rising or falling flood waters. Certain models also allow natural ventilation.

3.0 DESCRIPTION

3.1 General:

When subjected to rising water, the Smart Vent® FVs internal floats are activated, then pivot open to allow flow in either direction to equalize water level and hydrostatic pressure from one side of the foundation to the other. The FV pivoting door is normally held in the closed position by a buoyant release device. When subjected to rising water, the buoyant release device causes the unit to unlatch, allowing the door to rotate out of the way and allow flow. The water level stabilizes, equalizing the lateral forces. Each unit is

fabricated from stainless steel. Smart Vent® Automatic Foundation Flood Vents are available in various models and sizes as described in Table 1. The SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 units each contain two vertically arranged openings per unit

3.2 Engineered Opening:

The FVs comply with the design principle noted in Section 2.7.2.2 and Section 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)] for a maximum rate of rise and fall of 5.0 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24, Smart Vent FVs must be installed in accordance with Section 4.0.

3.3 Ventilation:

The SmartVENT® Model #1540-510 and SmartVENT® Overhead Door Model #1540-514 both have screen covers with ¹/₄-inch-by-¹/₄-inch (6.35 by 6.35 mm) openings, yielding 51 square inches (32 903 mm²) of net free area to supply natural ventilation. The SmartVENT® Stacking Model #1540-511 consists of two Model #1540-510 units in one assembly, and provides 102 square inches (65 806 mm²) of net free area to supply natural ventilation. Other FVs described in this report do not offer natural ventilation.

3.4 Flood Vent Sealing Kit:

The Flood Vent Sealing Kit Model #1540-526 is used with SmartVENT® Model #1540-520. It is a Homasote 440 Sound Barrier® (ESR-1374) insert with 21 – 2-inch-by-2-inch (51 mm x 51 mm) squares cut in it. See Figure 4.

4.0 DESIGN AND INSTALLATION

4.1 SmartVENT® and FloodVENT®:

SmartVENT® and FloodVENT® are designed to be installed into walls or overhead doors of existing or new construction from the exterior side. Installation of the vents must be in accordance with the manufacturer's instructions, the applicable code and this report. Installation clips allow mounting in masonry and concrete walls of any thickness. In order to comply with the engineered opening design principle noted in Section 2.7.2.2 and 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)], the Smart Vent® FVs must be installed as follows:

■ With a minimum of two openings on different sides of each enclosed area.



- With a minimum of one FV for every 200 square feet (18.6 m²) of enclosed area, except that the SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 must be installed with a minimum of one FV for every 400 square feet (37.2 m²) of enclosed area.
- Below the base flood elevation.
- With the bottom of the FV located a maximum of 12 inches (305.4 mm) above the higher of the final grade or floor and finished exterior grade immediately under each opening.

4.2 Flood Vent Sealing Kit

The Flood Vent Sealing Kit Model 1540-526 is used in conjunction with FloodVENT® Model #1540-520. When installed and tested in accordance with ASTM E283, the FV and Flood Vent Sealing Kit assembly have an air leakage rate of less than 0.2 cubic feet per minute per lineal foot (18.56 l/min per lineal meter) at a pressure differential of 1 pound per square foot (50 Pa) based on 12.58 lineal feet (3.8 lineal meters) contained by the Flood Vent Sealing Kit.

5.0 CONDITIONS OF USE

The Smart Vent® FVs described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 The Smart Vent® FVs must be installed in accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern. 5.2 The Smart Vent® FVs must not be used in the place of "breakaway walls" in coastal high hazard areas, but are permitted for use in conjunction with breakaway walls in other areas.

6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015 (editorially revised February 2021).
- 6.2 Test report on air infiltration in accordance with ASTM E283.

7.0 IDENTIFICATION

- 7.1 The Smart VENT® models and the Flood Vent Sealing Kit described in this report must be identified by a label bearing the manufacturer's name (Smartvent Products, Inc.), the model number, and the evaluation report number (ESR-2074).
- 7.2 The report holder's contact information is the following:

SMART VENT PRODUCTS, INC. 430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071 (877) 441-8368 www.smartvent.com info@smartvent.com

TABLE 1-MODEL SIZES

MODEL NAME	MODEL NUMBER	MODEL SIZE (in.)	COVERAGE (sq. ft.)
FloodVENT®	1540-520	15 ³ / ₄ " X 7 ³ / ₄ "	200
SmartVENT®	1540-510	15 ³ / ₄ " X 7 ³ / ₄ "	200
FloodVENT® Overhead Door	1540-524	15 ³ / ₄ " X 7 ³ / ₄ "	200
SmartVENT® Overhead Door	1540-514	15 ³ / ₄ " X 7 ³ / ₄ "	200
Wood Wall FloodVENT®	1540-570	14" X 8 ³ / ₄ "	200
Wood Wall FloodVENT® Overhead Door	1540-574	14" X 8 ³ / ₄ "	200
SmartVENT® Stacker	1540-511	16" X 16"	400
FloodVent® Stacker	1540-521	16" X 16"	400

For SI: 1 inch = 25.4 mm; 1 square foot = m²

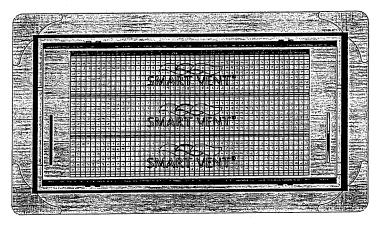


FIGURE 1-SMART VENT: MODEL 1540-510

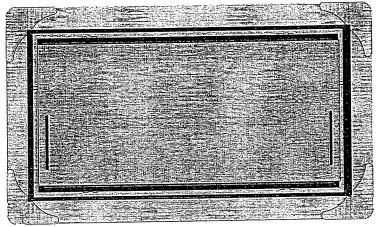


FIGURE 2-SMART VENT MODEL 1540-520

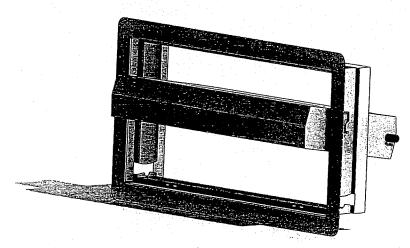


FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

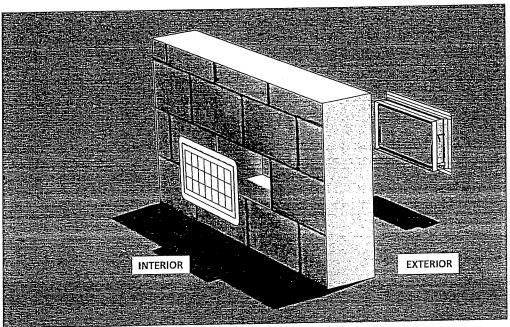


FIGURE 4-FLOOD VENT SEALING KIT



ICC-ES Evaluation Report

ESR-2074 CBC and CRC Supplement

Reissued February 2021 Revised April 2021

This report is subject to renewal February 2023.

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A Subsidiary of the International Code Council®

DIVISION: 08 00 00-OPENINGS

Section: 08 95 43-Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514 FLOOD VENT SEALING KIT #1540-526

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, described in ICC-ES evaluation report ESR-2074, have also been evaluated for compliance with codes noted below.

Applicable code editions:

■ 2019 California Building Code (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) and Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

■ 2019 California Residential Code (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with 2019 CBC Chapter 12, provided the design and installation are in accordance with the 2018 International Building Code® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 12 and 16, as applicable.

2.1.1 OSHPD:

The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

2.1.2 DSA:

The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

2.2 CRC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with the 2019 CRC, provided the design and installation are in accordance with the 2018 International Residential Code® (IRC) provisions noted in the evaluation report.

This supplement expires concurrently with the evaluation report, reissued February 2021 and revised April 2021.





ICC-ES Evaluation Report

ESR-2074 FBC Supplement

Reissued February 2021 Revised April 2021 This report is subject to renewal February 2023.

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A Subsidiary of the International Code Council®

DIVISION: 08 00 00-OPENINGS

Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514
FLOOD VENT SEALING KIT #1540-526

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, described in ICC-ES evaluation report ESR-2074, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2020 Florida Building Code—Building
- 2020 Florida Building Code—Residential

2.0 CONCLUSIONS

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with the Florida Building Code—Building and the Florida Building Code-Residential, provided the design requirements are determined in accordance with the Florida Building Code-Building or the Florida Building Code-Residential, as applicable. The installation requirements noted in ICC-ES evaluation report ESR-2074 for 2018 International Building Code® meet the requirements of the Florida Building Code-Building or the Florida Building Code-Residential, as applicable.

Use of the Smart Vent® Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the Florida Building Code—Building and the Florida Building Code—Residential.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the evaluation report, reissued February 2021 and revised April 2021.

