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

OMB No. 1660-0008
Expiration Date: November 3

 $\mathbb{E}\left( \mathbb{E}_{\mathcal{A}}(x, \mathbf{r}) \right) = \mathbb{E}_{\mathcal{A}}(x, \mathbf{r}) + \mathbb{E}_{\mathcal{A}$ 

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.

	SEC	CTION A - PROPERT	Y INFOR	RMATION			FOR INSUF	RANCE COMPANY USE
A1. Building Owr GREEN	ner's Name						Policy Num	ber:
A2. Building Stree Box No. 116 SOUTH KEN		ncluding Apt., Unit, Su IE	ite, and/	or Bldg. No.)	or P.O. Rou	te and	Company N	IAIC Number:
City MARGATE				State New Je	•		ZIP Code 08402	
A3. Property Des BLOCK 12, LOT 1		and Block Numbers, T	ax Parce	el Number, Le	gal Descrip	tion, etc.)		
A4. Building Use	(e.g., Reside	ntial, Non-Residential,	Addition	n, Accessory,	etc.) RE	SIDENTI	AL.	
A5. Latitude/Long	itude: Lat	39° 19' 31"	Long.	74° 30' 08''	Ho	rizontal D	atum: NAD 1	927 × NAD 1983
A6. Attach at leas	st 2 photograp	phs of the building if th	e Certifi	cate is being	used to obta	ain flood ii	nsurance.	<del></del>
A7. Building Diag	ram Number	7						
A8. For a building	with a crawls	space or enclosure(s):						
a) Square foo	otage of craw	rlspace or enclosure(s)	)		1345.00 sq	ft		
b) Number of	permanent fl	ood openings in the cr	awlspac	e or enclosur	e(s) within 1	1.0 foot at	oove adjacent gra	ide 7
c) Total net a	rea of flood o	penings in A8.b		1400.00 sq ir	ו			-
d) Engineered	d flood openi	ngs? 🛛 Yes 🗌	No	,			•	
A9. For a building	with an attacl	hed garage:						
		ned garage		N/A sq fi	:			
		ood openings in the at		· · · · · · · · · · · · · · · · · · ·		we adiace	ant grade N/A	
		penings in A9.b	.aonoa g	N/A sq		ove aujace	ent grade 14/A	
d) Engineered				1N/A 5Q				
d) Engineered	nood operiin	ngs?	10					
	SE	CTION B - FLOOD	INSURA	NCE RATE	MAP (FIRM	VI) INFOR	RMATION	
B1. NFIP Commun MARGATE	ity Name & 0 3453	Community Number 304		B2. County 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)	В	9. Base Flood El (Zone AO, use	evation(s) Base Flood Depth)
34001C0434	F	08-28-2018	08-28-2		AE	1	1.00'	
		Base Flood Elevation				ntered in	Item B9:	
FIS Profile	X FIRIVI	Community Determine	mined [	_ Other/Sou	rce:			
B11. Indicate eleva	ition datum u	sed for BFE in Item B	9: 🗌 N	GVD 1929 [	X NAVD 1	988 🗌	Other/Source: _	
B12. Is the building	located in a	Coastal Barrier Resor	urces Sy	stem (CBRS)	area or Otl	herwise P	rotected Area (O	PA)? 🗌 Yes 🕱 No
Designation D	)ate:		CBRS	□ ОРА				

### **ELEVATION CERTIFICATE**

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

IMPORTANT: In these spaces, copy	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt 116 SOUTH KENYON AVENUE	Policy Number:		
City MARGATE		IP Code 8402	Company NAIC Number
SECTION	C – BUILDING ELEVATION INFORM	IATION (SURVEY RI	EQUIRED)
C1. Building elevations are based of *A new Elevation Certificate will	n: Construction Drawings* Be be required when construction of the bu	Building Under Construilding is complete.	uction* X Finished Construction
C2. Elevations – Zones A1–A30, AE Complete Items C2.a–h below a Benchmark Utilized:	E, AH, A (with BFE), VE, V1–V30, V (with according to the building diagram specific Vertical Datu	n BFE), AR, AR/A, AR/ ed in Item A7. In Puert ım: <u>NAVD 1988</u>	'AE, AR/A1–A30, AR/AH, AR/AO. o Rico only, enter meters.
☐ NGVD 1929  ☒ NAV	or the elevations in items a) through h) be 'D 1988	E444444	
a) Top of bottom floor (including	basement, crawlspace, or enclosure flo		Check the measurement used.  8.8   x   feet   meters
b) Top of the next higher floor	g basement, crawispace, or enclosure no		17.7 X feet meters
•	tal structural member (V Zones only)		feet meters
d) Attached garage (top of slab	• • • • • • • • • • • • • • • • • • • •		8.1 X feet  meters
,	ry or equipment servicing the building		. ∕n ⊠ feet ☐ meters
f) Lowest adjacent (finished) gr	ade next to building (LAG)		6.0 🗵 feet 🗌 meters
g) Highest adjacent (finished) gi	rade next to building (HAG)		7.8 🗵 feet 🗌 meters
<ul> <li>h) Lowest adjacent grade at low structural support</li> </ul>	rest elevation of deck or stairs, including		6.5 X feet  meters
SECTION	I D – SURVEYOR, ENGINEER, OR A	RCHITECT CERTIFI	CATION
I certify that the information on this Co	sealed by a land surveyor, engineer, or a ertificate represents my best efforts to in or imprisonment under 18 U.S. Code, S	terpret the data availa	law to certify elevation information. ble. I understand that any false
Were latitude and longitude in Section	n A provided by a licensed land surveyor	r? ⊠Yes □No	
Certifier's Name ARTHUR W. PONZIO, JR.	License Number GS28314		
Title PROFESSIONAL LAND SURVEYOR			Place
Company Name ARTHUR W. PONZIO COMPANY & A	ASSOCIATES, INC.		Seal
Address 400 NORTH DOVER AVENUE			Here
City ATLANTIC CITY	State New Jersey	ZIP Code 08401	
Simple CH	Date 04-21-2022	Telephone (609) 344-8194	Ext.
	ate and all attachments for (1) community		agent/company, and (3) building owner.
Comments (including type of equipme	nt and location, per C2(e), if applicable)		
PROJECT #35210			
SMART VENT MODEL NO.: 1540-52	0		
HVAC: 19.23'	ELEVATOR SHAFT: 7.78'		

### **ELEVATION CERTIFICATE**

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

IMPORTANT: In these spaces, copy the corresponding i	FOR INSURANCE COMPANY USE				
Building Street Address (including Apt., Unit, Suite, and/or It 116 SOUTH KENYON AVENUE			Policy Number:		
City State MARGATE New	ZIP ( Jersey 0840		Company NAIC No	umber	
SECTION E – BUILDING ELEVA FOR ZONE AC	TION INFORMATION AND ZONE A (WIT		T REQUIRED)		
For Zones AO and A (without BFE), complete Items E1–E5, complete Sections A, B, and C. For Items E1–E4, use natural enter meters.	. If the Certificate is into	ended to support	a LOMA or LOMR-F ement used. In Puert	request, o Rico only,	
E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).					
a) Top of bottom floor (including basement, crawlspace, or enclosure) is  b) Top of bottom floor (including basement)		☐ feet ☐ mete	ers 🗌 above or 🗀	] below the HAG.	
b) Top of bottom floor (including basement, crawlspace, or enclosure) is		feet mete	ers	] below the LAG.	
E2. For Building Diagrams 6–9 with permanent flood opening the next higher floor (elevation C2.b in	ngs provided in Section	n A Items 8 and/o	or 9 (see pages 1–2 o	f Instructions),	
the diagrams) of the building is		☐ feet ☐ mete		below the HAG.	
E3. Attached garage (top of slab) is  E4. Top of platform of machinery and/or equipment		feet mete	ers  above or	below the HAG.	
servicing the building is		☐ feet ☐ mete		below the HAG.	
E5. Zone AO only: If no flood depth number is available, is floodplain management ordinance?   Yes No	the top of the bottom fl	loor elevated in a local official must	ccordance with the co t certify this information	ommunity's on in Section G.	
SECTION F - PROPERTY OWNER	(OR OWNER'S REPR	ESENTATIVE) C	ERTIFICATION		
The property owner or owner's authorized representative wh	o completes Sections	A B and F for 7	one A (without a FEN	MA-issued or	
community-issued BFE) or Zone AO must sign here. The sta	atements in Sections A	A, B, and E are co	prrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The sta	atements in Sections A	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The sta	atements in Sections A	A, B, and E are co	prrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The sta	atements in Sections A	A, B, and E are co	prrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The sta	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The sta Property Owner or Owner's Authorized Representative's Na Address Signature	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The sta Property Owner or Owner's Authorized Representative's Na Address Signature	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The sta Property Owner or Owner's Authorized Representative's Na Address Signature	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The sta Property Owner or Owner's Authorized Representative's Na Address Signature	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The start Property Owner or Owner's Authorized Representative's Na Address Signature Comments	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The start Property Owner or Owner's Authorized Representative's Na Address Signature Comments	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The start Property Owner or Owner's Authorized Representative's Na Address Signature Comments	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The start Property Owner or Owner's Authorized Representative's Na Address Signature Comments	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The start Property Owner or Owner's Authorized Representative's Na Address Signature Comments	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	
community-issued BFE) or Zone AO must sign here. The start Property Owner or Owner's Authorized Representative's Na Address Signature Comments	me  City	A, B, and E are co	orrect to the best of m	y knowledge.	

### **ELEVATION CERTIFICATE**

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

IMPORTANT: In these spaces, copy the corresponding information from Section A.	FOR INSURANCE COMPANY USE						
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Bo 116 SOUTH KENYON AVENUE	x No. Policy Number:						
City State ZIP Code MARGATE New Jersey 08402	Company NAIC Number						
SECTION G - COMMUNITY INFORMATION (OPT	IONAL)						
The local official who is authorized by law or ordinance to administer the community's flood Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(sused in Items G8–G10. In Puerto Rico only, enter meters.	Iplain management ordinance can complete and sign below. Check the measurement						
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 E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.							
G3. The following information (Items G4–G10) is provided for community floodplain r	nanagement purposes.						
G4. Permit Number G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued						
G7. This permit has been issued for:  New Construction  Substantial Improve	ment						
G8. Elevation of as-built lowest floor (including basement) of the building:	feet meters Datum						
G9. BFE or (in Zone AO) depth of flooding at the building site:	feet meters Datum						
G10. Community's design flood elevation:	feet meters Datum						
Local Official's Name  Title	CFA						
Community Name  Telephone  MANG 19	609 812.19y						
Signature	5/1/14						
Comments (including type of equipment and location, per C2(e), if applicable)							
•							
	Check here if attachments.						

#### **BUILDING PHOTOGRAPHS**

#### **ELEVATION CERTIFICATE**

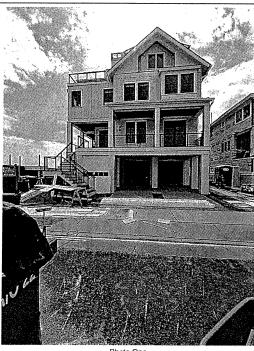
See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.					
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.					
State	ZIP Code	Company NAIC Number			
New Jersey	08402				
	, Unit, Suite, and/or Bldg. No.) or State	, Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  State ZIP Code			

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.



FRONT VIEW 04-22-2022 Photo One Caption

Clear Photo One

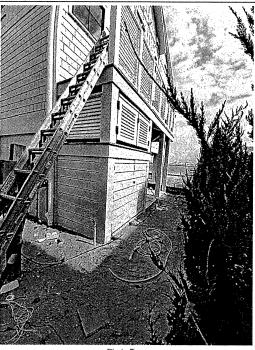


Photo Two

Photo Two Caption REAR VIEW 04-22-2022

Clear Photo Two

#### **BUILDING PHOTOGRAPHS**

**ELEVATION CERTIFICATE** 

**Continuation Page** 

OMB No. 1660-0008

Expiration Date: November 30, 2022

r		_	
IMPORTANT: In these spaces, co	FOR INSURANCE COMPANY USE		
Building Street Address (including A 116 SOUTH KENYON AVENUE	pt., Unit, Suite, and/or Bldg. No.) or	P.O. Route and Box No.	Policy Number:
City	State	ZIP Code	Company NAIC Number
MARGATE	New Jersey	08402	

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.

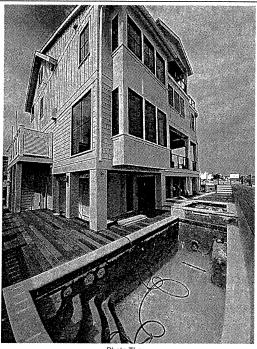


Photo Three

Photo Three Caption LEFT SIDE VIEW 04-22-2022

Clear Photo Three

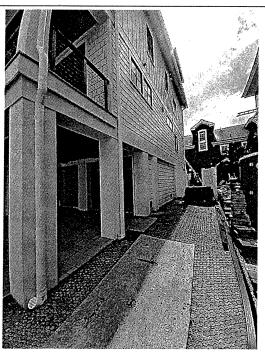


Photo Four

Photo Four Caption RIGHT SIDE VIEW 04-22-2022

Clear Photo Four



# **Most Widely Accepted and Trusted**

# **ICC-ES Evaluation Report**

ES RE207/4

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This report is subject to renewal 02/2023

**DIVISION: 08 00 00—OPENINGS** 

SECTION: 08 95 45— 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"





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# **ICC-ES Evaluation Report**

**ESR-2074** 

Reissued February 2021

This report is subject to renewal February 2023.

www.icc-es.org | (800) 423-6587 | (562) 699-0543

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:

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

<sup>†</sup>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 recognized 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<sup>®</sup> 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 October 2017).
- **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 recognized 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

TAF	RIF.	1	ODE	SIZES
IAL	JLL	1	IUUC	しっぴてつ

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

For SI: 1 inch = 25.4 mm; 1 square foot =  $m^2$ 

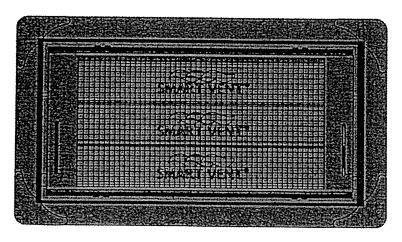


FIGURE 1-SMART VENT: MODEL 1540-510

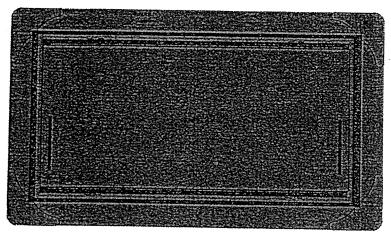


FIGURE 2—SMART VENT MODEL 1540-520

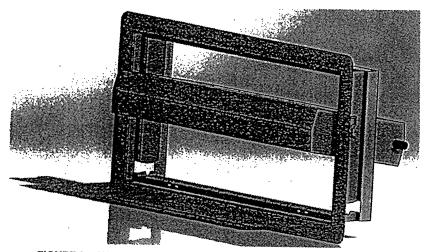


FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

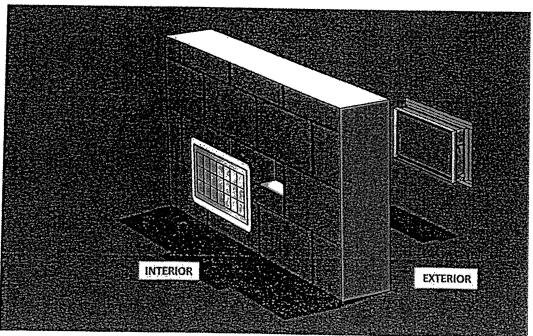


FIGURE 4—FLOOD VENT SEALING KIT



# **ICC-ES Evaluation Report**

# **ESR-2074 CBC and CRC Supplement**

Reissued February 2021

I Allian Hartoge him of

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 edition:

- 2016 California Building Code (CBC)
- 2016 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 2016 CBC Chapter 12, provided the design and installation are in accordance with the 2015 *International Building Code®* (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 12, 16 and 16A, as applicable.

#### 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 2016 CRC, provided the design and installation are in accordance with the 2015 *International Residential Code*® (IRC) provisions noted in the evaluation report.

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





# **ICC-ES Evaluation Report**

# **ESR-2074 FBC Supplement**

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

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**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; #1540-524; #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:

- 2017 Florida Building Code—Building
- 2017 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 FRC, provided the design and installation are in accordance with the 2015 *International Building Code®* provisions noted in the evaluation report.

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 9N-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.

