J.S. DEPARTMENT OF HOMELAND SECURITY ELEVATION CERTIFICATE EDERAL EMERGENCY MANAGEMENT AGENCY OMB No. 1660-0008 Vational Flood Insurance Program important: Read the instructions on pages 1-9. Expiration Date: July 31, 2015 SECTION-A PROPERTY INFORMATION ESISTINGUEZ KIE EKOOMEZAKY W SE DOUSA Street Address (Including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Boute and Box Nov 2 X 2015 A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc. A4. Bullding Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)

A5. Latitude/Longitude: Lat. 40. 45. Long. 74. 13. Horizontal Datum:

NAD 1927 NAD 1983 A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance. A7. Building Diagram Number A8. For a building with a crawlspace or enclosure(s): A9. For a building with an attached garage: a) Square footage of crawlspace or enclosure(s) a) Square footage of attached garage b) Number of permanent flood openings in the crawispace b) Number of permanent flood openings in the attached garage or enclosure(s) within 1.0 foot above adjacent grade within 1.0 foot above adjacent grade Total net area of flood openings in A8/6 1400 Total net area of flood openings in A9.b d) Engineered flood openings? √ 🗹 Yes d) Engineered flood openings? ☐ Yes SECTION B -- FLOOD INSURANCE RATE MAP (FIRM) INFORMATION 1. NFIP Community Name & Community Number B2. County Name B3. State 340303 EANSBURG ヘイロメノハロロブル B4. Map/Panel Number B5. Suffix **B6. FIRM Index Date** 87. FIRM Panel B8. Flood B9. Base Flood Elevation(s) (Zone Effective/Revised Date AO, use base flood depth) Zone(s) 4025C 0034 11.0 Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. ☐ FIS Profile **D** FIRM Community Determined Officer/Source: Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 ☐ Other/Source: Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Designation Date: ☐ CBRS ☐ OPA SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction *A new Elevation Certificate will be required when construction of the building is complete. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1, A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters. Benchmark Utilized: #V6740 Vertical Datum: 1986 Indicate elevation datum used for the elevations in items a) through h) below.

NGVD 1929

NAVD 1988

Other/Source: Datum used for building elevations must be the same as that used for the BFE. Check the measurement used. a) Top of bottom floor (including basement, crawlspace, or enclosure floor) I feet ☐ meters b) Top of the next higher floor 12 feet meters c) Bottom of the lowest horizontal structural member (V Zones only) ☐ feet meters d) Attached garage (top of slab) meters e) Lowest elevation of machinery or equipment servicing the building 12 feet meters (Describe type of equipment and location in Comments) f) Lowest adjacent (finished) grade next to building (LAG) ☐ meters g) Highest adjacent (finished) grade next to building (HAG) **Freet** ☐ meters h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support ☐ feet ☐ meters SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION is certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation ormation. I certify that the information on this Certificate represents my best efforts to interpret the data available. nderstand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001. Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a PLACE Check here if attachments. licensed land surveyor? SEAL HERE License Number Company Name

ELEVATION CERTIFICATE page 2

FEMA Form 086-0-33 (Revised 7/12)

	orresponding information from Section A		
Bullding Street Address (including Apt., Un 28 GILCE 77E S		Box No.	
City //	State ZIPC	ode	Nonce: 32.0 statements
FEANSBORG	20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	07734	
		TECT CERTIFICATION (CONTINUED)	
Copy both sides of this Elevation Certificate			The state of the s
CZ.E/AIR CO.	MOITIONER COMPRES.	SOR	
MONMOUTH CO. N. J. P.	REZININALY FILM DA	TA VIEWER 4/30/13 ZON	VEAE, ELEV=11.0
2	ing appear notify district are been		
Signature / / / /	Date Date	10/20/15	a da a d
SECTION E PUBLICATION	(AN NEODLY STICKLY (C'IDVEY MOTER)		A Mariour Ser
For Zones AO and A (without BEE), complete	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	EQUIRED) FOR ZONE AO AND ZONE	- W- 145
For Items E1-E4, use natural grade, if avail	able. Check the measurement used. In Pue	rto Rico only, enter meters.	piete sections A, B,ano C.
E1. Provide elevation information for the fol- grade (HAG) and the lowest adjacent gra	1 4 4 6 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1444	v the highest adjacent
		☐feet ☐ meters ☐ above	or Thelow the HAG.
b) Top of bottom floor (including baseme	ent, crawispace, or enclosure) is	leet lmeters labove	or Delow the LAG.
E2. For Building Diagrams 649 with permanent			is).
The state of the s	he diagrams) of the building is		
E3, Attached garage (top of slab) is	HANTE OF THE PARTY	feet _ metersabove	11 (2) (2A) 1 (2A) 1 (4A)
E4. Top of platform of machinery and/or equ		feet meters above	
E5. Zone AO only: if no flood depth riumber in ordinance? Yes No Unkno	is available, is trie top of the bottom floor ei wn. The local official must certify this inform	nation in Section G.	loodpiain management
		1	
	PROPERTY OWNER (OR OWNER'S I		and the State of Significant
The property owner or owner's authorized re Zone AO must sign here. The statements in	resentative who completes Sections A. B. Sections A. B. and E are correct to the best	and E for Zone A (without a FEMA Issued or a Lof my knowledge.	community-Issued BFE) or
Property Owner or Owner's Authorized Repre		A Committee of the Comm	Annual Control of the
Address	City	State ZiF	Code
Signature	Date	Telephone	
	a second	reseptosies,	
Comments		<u>and the second of the second </u>	
			Transfer (contraction of the contraction of the con
			eck here if attachments.
and the second second second second second	SECTION G - COMMUNITY INFORM		
The local official who is authorized by law or o G of this Elevation Certificate. Complete the a	rdinance to administer the community's flood policable item(s) and sign below. Check the i	plain management ordinance can complete S	ections A. B. C. (or E), and
61. 🔟 The Information in Section Gwas ta	levation information. (Indicate the source	and date of the elevation data in the Comm	TOP TO SUPPLY THE PARK THE STATE OF THE SUPPLY THE SUPP
who is authorized by law to certify e			ents area below.)
G2. 🔲 A community official completed Sect	tion E for a building located in Zone A (witho	out a FEMA-issued or community-issued BFE	ents area (Selow.) or Zone AO
32. A community official completed Section 1. The following information (Items 64	tion E for a building located in Zone A (without the first term of	out a FEMA-issued or community-issued BFE n management purposes.	or Zone AO
G2. A community official completed Sections G3. The following information (items G4	tion E for a building located in Zone A (witho	out a FEMA-issued or community-issued BFE	or Zone AO
 G2. A community official completed Sections. G3. The following information (items G4) G4. Permit Number G6. This permit has been issued for: 	tion E for a building located in Zone A (without G10) is provided for community floodplated G5. Date Permit Issued New Construction Substantial Improvement	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvernent	or Zone AQ. cupancy issued
G2. A community official completed Sections. The following information (Items G4) G4. Permit Number G7. This permit has been issued for:	tion E for a building located in Zone A (without G10) is provided for community floodplated. G5. Date Permit Issued New Construction Substantial Improving basement) of the building.	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvernent Get Get Materia Datum	or Zone AQ cupancy Issued
G2. A community official completed Sections. The following Information (Items G4) G34. Permit Number G7. This permit has been issued for: G88. Elevation of as built lowest floor (including). BFE or (in Zone AO) depth of flooding at	tion E for a building located in Zone A (without G10) is provided for community floodplaid G5. Date Permit Issued New Construction Substantial Improving basement) of the building the building site:	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvement Gent Gent Gent Gent Gent Gent Gent Gent	or Zone AQ. cupancy issued
G2. A community official completed Sections. The following information (items G4). Permit Number. This permit has been issued for: Elevation of as built lowest floor (including). BFE or (in Zone AO) depth of flooding at \$10. Community's design flood elevation:	tion E for a building located in Zone A (without G10) is provided for community floodplated. G5. Date Permit Issued New Construction Substantial Improving basement) of the building the building site:	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvernent Get Get Get Datum Get Get Datum Get Datum	or Zone AQ. cupancy issued
G2. A community official completed Sections. The following information (items G4). Permit Number. This permit has been issued for: Elevation of as built lowest floor (including). BFE or (in Zone AO) depth of flooding at \$10. Community's design flood elevation:	tion E for a building located in Zone A (without G10) is provided for community floodplaid G5. Date Permit Issued New Construction Substantial Improving basement) of the building the building site:	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocwement Get Get Get Datum Get Get Datum Get Get Datum Get Get Datum Diffect Get Datum Diffect Get Datum	or Zone AÖ. cupancy Issued
G2. A community official completed Sections. G3. The following information (items G4) G4. Permit Number G7. This permit has been issued for: G8. Elevation of as built lowest floor (including G9). BFE or (in Zone AO) depth of flooding at G10. Community's design flood elevation: GCAI Official's Name	tion E for a building located in Zone A (without G10) is provided for community floodplaid G5. Date Permit Issued New Construction Substantial Improving basement) of the building the building site:	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvement Geet Geet Batum Geet Geet Batum Geet Geet Batum Geet Geet Batum	or Zone AQ.
G2. A community official completed Sections. The following information (items G4 G4. Permit Number G7. This permit has been issued for: G8. Elevation of as built lowest floor (including G9. BFE or (in Zone AO) depth of flooding at G10. Community's design flood elevation: Local Official's Name	tion E for a building located in Zone A (without G10) is provided for community floodplaid G5. Date Permit Issued New Construction Substantial Improving basement) of the building the building site:	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvement Geet Geet Batum Geet Geet Batum Geet Geet Batum Geet Geet Batum	or Zone AQ.
G2. A community official completed Sections. G3. The following information (items G4). G4. Permit Number G5. This permit has been issued for: G8. Elevation of as built lowest floor (including at G50.). Community's design flood elevation: Cocal Official's Name Community Name Signature	tion E for a building located in Zone A (without G10) is provided for community floodplaid G5. Date Permit Issued New Construction Substantial improving basement) of the building the building site: Title	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvement Geet Geet Batum Geet Geet Batum Geet Geet Batum Geet Geet Batum	or Zone AQ.
G2. A community official completed Sections. The following Information (items G4 G4. Permit Number G7. This permit has been issued for: G8. Elevation of as built lowest floor (including G9. BFE or (in Zone AO) depth of flooding at G10. Community's design flood elevation: Cocal Official's Name Community Name	tion E for a building located in Zone A (without 1600) is provided for community floodplain G5. Date Permit Issued New Construction Substantial Improving basement) of the building the building site: Title Telepi	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvement Geet Geet Batum Geet Geet Batum Geet Geet Batum Geet Geet Batum	or Zone AQ: cupancy issued
G2. A community official completed Sections. The following Information (items G4 G4. Permit Number G7. This permit has been issued for: G8. Elevation of as built lowest floor (including G9. BFE or (in Zone AO) depth of flooding at G10. Community's design flood elevation: Cocal Official's Name Community Name	tion E for a building located in Zone A (without 1600) is provided for community floodplaid G5. Date Permit Issued New Construction Substantial Improving basement) of the building the building site: Title Teleph	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvement Geet Geet Batum Geet Geet Batum Geet Geet Batum Geet Geet Batum	or Zone AQ.
G1. The information in Section C was to who is authorized by law to certify e G2. A community official completed Sect G3. The following information (items G4 G4. Permit Number G7. This permit has been issued for: G8. Elevation of as built lowest floor (including G9. BFE or (in Zone AO) depth of flooding at G10. Community's design flood elevation: Local Official's Name Community Name Signature Comments	tion E for a building located in Zone A (without 1600) is provided for community floodplain G5. Date Permit Issued New Construction Substantial Improving basement) of the building the building site: Title Telepi	out a FEMA-issued or community-issued BFE in management purposes. G6. Date Certificate Of Compliance/Ocvement	or Zone AQ: cupancy Issued

Abuse the experiences of the co-

alija (lugija) (Studen pres) ili visi 1. stepre jes presenta president 1. sprijanja (leta ar presidenta)

Replaces all previous editions.

ELEVATION CERTIFICATE, page 3

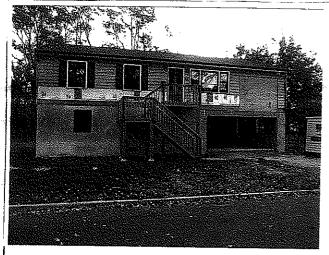
BUILDING PHOTOGRAPHS

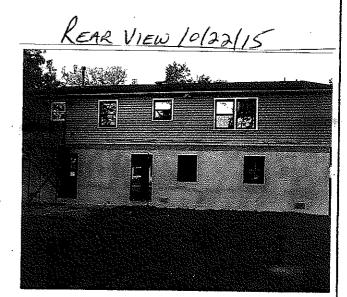
See Instructions for Item A6.

IMPORTANT: In these spaces, copy the correspon	nding information from Section A.	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt., Unit, Suite # 28 GILETTE STR	, and/or Bldg. No.) or £0. Route and Box No.	Policy Number:	7 %	
City KEANSburg	State ZiP Code 07734	Company NAIC Number:	- h. i.	

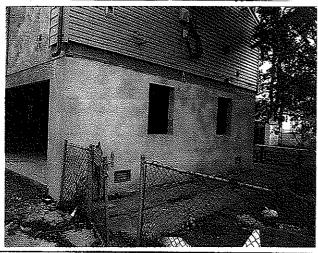
If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, 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 10/22/15

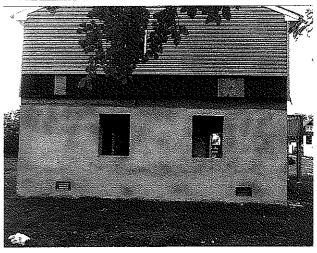




Right Side 10/22/15



LEFT Side 10/22/15





Most Widely Accepted and Trusted

ICC-ES Report

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

ESR-2074

This report is subject to renewal 02/2019.

DIVISION: 08 00 00—OPENINGS

SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

REPORT HOLDER:

SMARTVENT PRODUCTS, INC.

430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071

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



Look for the trusted marks of Conformity!

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







ICC-ES Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.







ICC-ES Evaluation Report

ESR-2074

Reissued February 2017

This report is subject to renewal February 2019.

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:

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

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

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2015, 2012, 2009 and 2006 International Building Code® (IBC)
- 2015, 2012, 2009 and 2006 International Residential Code® (IRC)
- 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 recognized in this report do not offer natural ventilation.

4.0 DESIGN AND INSTALLATION

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 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.

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

Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015.

7.0 IDENTIFICATION

The Smart VENT® models 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).

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

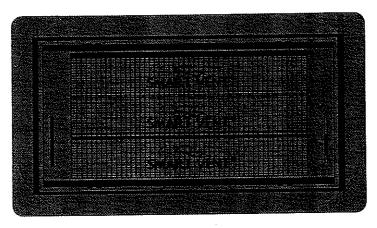


FIGURE 1—SMART VENT: MODEL 1540-510

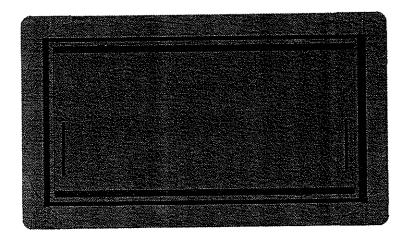


FIGURE 2-SMART VENT MODEL 1540-520

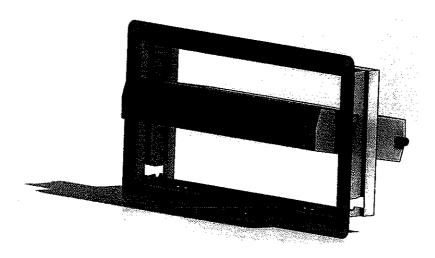


FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN



ICC-ES Evaluation Report

ESR-2074 CBC and CRC Supplement

Issued January 2017

This report is subject to renewal February 2019.

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:

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

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

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, recognized in ICC-ES master 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 master 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 master report and the additional requirements of CBC Chapters 12, 16 and 16A, as applicable.

The products recognized in this supplement have not been evaluated under CBC Chapter 7A for use in the exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland-Urban Interface Fire Area.

2.2 CRC:

The Smart Vent[®] Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master 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 master report.

The products recognized in this supplement have not been evaluated under 2016 CRC Chapter R337, for use in the exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland-Urban Interface Fire Area.

The products recognized in this supplement have not been evaluated for compliance with the International Wildland-Urban Interface Code®.

This supplement expires concurrently with the master report, reissued February 2017.





ICC-ES Evaluation Report

ESR-2074 FBC Supplement

Reissued February 2017

This report is subject to renewal February 2019.

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:

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

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

1.0 REPORT PURPOSE AND SCOPE

Purpose:

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

Applicable code editions:

- 2014 Florida Building Code—Building (FBC)
- 2014 Florida Building Code—Residential (FRC)

2.0 CONCLUSIONS

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with the FBC and the FRC, provided the design and installation are in accordance with the International Building Code® provisions noted in the master 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 FBC and the FRC.

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 master report, reissued February 2017.

