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

OMB No. 1660-0008 Expiration Date: November 30, 2018

# **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.

	SECTION A - PROPERT	Y INFOR	RMATION		FOR INSU	RANCE COMPANY USE
A1. Building Owner's N RAYMOND J & MARY			,		Policy Num	iber:
Box No.	dress (including Apt., Unit, Sui	ite, and/o	or Bldg. No.) or	P.O. Route and	Company I	NAIC Number:
City SARASOTA			State Florida		ZIP Code 34242	
A3. Property Description PID# 0128100024 M&B	on (Lot and Block Numbers, Ta	ax Parce	l Number, Lega	al Description, e	tc.)	
A4. Building Use (e.g.,	Residential, Non-Residential,	Addition	, Accessory, et	tc.) RESIDEN	ITIAL	
A5. Latitude/Longitude:	Lat. 27°16'42.6"N	Long. 8	2°31'11.5"W	Horizonta	al Datum: NAD	1927 X NAD 1983
A6. Attach at least 2 ph	notographs of the building if the	e Certific	ate is being us	ed to obtain floo	d insurance.	<u> </u>
A7. Building Diagram N	iumber 7					
A8. For a building with	a crawlspace or enclosure(s):					
a) Square footage	of crawlspace or enclosure(s)	)	1	03.00 sq ft		
b) Number of perma	anent flood openings in the cr	awlspac	e or enclosure(	s) within 1.0 foo	t above adjacent gra	ade 2
c) Total net area of	flood openings in A8.b		102.00 sq in			280
d) Engineered floor	d openings? 🗵 Yes 🗌 N	No				
A9. For a building with a	n attached garage:					
a) Square footage of	of attached garage		1800.00 sq ft			
	anent flood openings in the att			0 foot above adi	acent grade 9	
	flood openings in A9.b	<b>J</b>	459.00 sq ir		<u> </u>	<del></del>
d) Engineered flood		lo ·	oq "	•		
	obermide: [V] tea [] II					
	SECTION B - FLOOD I	NSURA	NCE RATE M	AP (FIRM) INF	ORMATION	
B1. NFIP Community Na SARASOTA 125144	ame & Community Number		B2. County Na SARASOTA	ame		B3. State Florida
B4. Map/Panel B5. Number	Suffix B6. FIRM Index Date	Effe		B8. Flood Zone(s)	B9. Base Flood E (Zone AO, use	levation(s) e Base Flood Depth)
12115C 0207 F	11-04-2016	11-04-2		<b>AE</b>	10	
B10. Indicate the source	of the Base Flood Elevation	(BFE) da	ata or base floo	d depth entered	in Item B9:	
☐ FIS Profile 🗵	FIRM  Community Determ	nined [	Other/Source	e:		
B11. Indicate elevation of	datum used for BFE in Item B	9: 🔲 N	GVD 1929 🗵	NAVD 1988	Other/Source:	
B12. Is the building loca	ted in a Coastal Barrier Resou	urces Sy	stem (CBRS) a	area or Otherwis	e Protected Area (C	PA)? ☐ Yes ☒ No
Designation Date:			☐ OPA		·	_ ×
•			-			St. v
					8	

OMB No. 1660-0008 **ELEVATION CERTIFICATE** Expiration Date: November 30, 2018 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 Box No. **Policy Number:** 8429 MIDNIGHT PASS RD - BUILDING ADDITION City State ZIP Code Company NAIC Number **SARASOTA** Florida 34242 SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED) C1. 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. C2. 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: SAR CO BM 128A Vertical Datum: NGVD 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, crawispace, or enclosure floor) 4.91 X feet ☐ meters b) Top of the next higher floor 14.53 X feet meters c) Bottom of the lowest horizontal structural member (V Zones only) N/A × feet meters d) Attached garage (top of slab) 4.91 X feet meters e) Lowest elevation of machinery or equipment servicing the building 12.38 (Describe type of equipment and location in Comments) ☐ meters f) Lowest adjacent (finished) grade next to building (LAG) 4.40 |X | feet meters g) Highest adjacent (finished) grade next to building (HAG) 4.80 X feet i I meters h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 4.50 X feet meters SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001. Were latitude and longitude in Section A provided by a licensed land surveyor? 

Yes 
No Check here if attachments. Certifier's Name License Number LAWRENCE R. WEBER 3868 Title PROFESSIONAL SURVEYOR & MAPPER Company Name WEBER ENGINEERING & SURVEYING, INC.

**Address** 

Signature

4596 ASHTON ROAD

City **SARASOTA** 

State Florida Date

ZIP Code 34233

Ext.

Telephone (941) 921-3914 2018

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

Comments (including type of equipment and location, per C2(e), if applicable)

C2.e - GENERATOR -LEFT SIDE OF BUILDING

C2.h - STAIRS

A5 - LAT/LONG FROM FEMA INTERACTIVE MAP

"Data in C2.a-h is only accurate to 0.1'; ignore the second decimal place, as this is automatically added by the FEMA form." A.8 & 9 - Smart Vent Model 1540-524 RATED FOR 200 SF COVERAGE EACH, 2 VENTS IN ENCLOSED ENTRY = 400 SF COVERAGE, 9 VENTS IN GARAGE/STORAGE AREA = 1800 SF COVERAGE

# **ELEVATION CERTIFICATE**

OMB No. 1660-0008 Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding	g information from Sec	ction A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/o 8429 MIDNIGHT PASS RD - BUILDING ADDITION	or Bldg. No.) or P.O. Rou	ite and Box No.	Policy Number:
	ate ZIP orida 342	Code 42	Company NAIC Number
SECTION E – BUILDING ELE FOR ZONE	VATION INFORMATION AO AND ZONE A (WIT		REQUIRED)
For Zones AO and A (without BFE), complete Items E1–complete Sections A, B,and C. For Items E1–E4, use na enter meters.	E5. If the Certificate is in tural grade, if available.	tended to support a Check the measure	LOMA or LOMR-F request, ment used. In Puerto Rico only,
E1. Provide elevation information for the following and of the highest adjacent grade (HAG) and the lowest act a) Top of bottom floor (including basement,		xes to show whethe	r the elevation is above or below
crawlspace, or enclosure) is b) Top of bottom floor (including basement,		☐ feet ☐ meter	
crawlspace, or enclosure) is  E2. For Building Diagrams 6–9 with permanent flood op	enings provided in Section	feet ☐ meter on A Items 8 and/or	
the next higher floor (elevation C2.b in the diagrams) of the building is		☐ feet ☐ meter	
E3. Attached garage (top of slab) is		☐ feet ☐ meter	rs
E4. Top of platform of machinery and/or equipment servicing the building is		☐ feet ☐ meter	rs 🔲 above or 🔲 below the HAG.
E5. Zone AO only: If no flood depth number is available floodplain management ordinance?   Yes	, is the top of the bottom No Unknown. The	floor elevated in ac e local official must	cordance with the community's certify this information in Section G.
SECTION F - PROPERTY OWN	ER (OR OWNER'S REP	RESENTATIVE) CI	ERTIFICATION
The property owner or owner's authorized representative community-issued BFE) or Zone AO must sign here. The	who completes Sections statements in Sections	s A, B, and E for Zo A, B, and E are cor	one A (without a FEMA-issued or rect to the best of my knowledge.
Property Owner or Owner's Authorized Representative's	Name		
Address	City	St	ate ZIP Code
Signature	Date	Те	lephone
Comments		-	.,
			_
* n			☐ Check here if attachments.

# **ELEVATION CERTIFICATE**

OMB No. 1660-0008 Expiration Date: November 30, 2018

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 Box No. Policy Number: 8429 MIDNIGHT PASS RD - BUILDING ADDITION ZIP Code City State Company NAIC Number **SARASOTA** Florida 34242 SECTION G - COMMUNITY INFORMATION (OPTIONAL) 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. 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.) A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO. The following information (Items G4–G10) is provided for community floodplain management purposes. G4. Permit Number G5. Date Permit Issued G6. Date Certificate of Compliance/Occupancy Issued New Construction ☐ Substantial Improvement G7. This permit has been issued for: Elevation of as-built lowest floor (including basement) feet meters Datum of the building: feet meters G9. BFE or (in Zone AO) depth of flooding at the building site: Datum feet meters **Datum** G10. Community's design flood elevation: Title Local Official's Name **Community Name** Telephone Date Signature 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, 2018

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 Box No. 8429 MIDNIGHT PASS RD - BUILDING ADDITION			Policy Number:
City SARASOTA	State Florida	ZIP Code 34242	Company NAIC Number

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 7/31/18

Clear Photo One



Photo Two

Photo Two Caption REAR VIEW 7/31/18

Clear Photo Two

# **BUILDING PHOTOGRAPHS**

# **ELEVATION CERTIFICATE**

Continuation Page

OMB No. 1660-0008 Expiration Date: November 30, 2018

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. 8429 MIDNIGHT PASS RD - BUILDING ADDITION			FOR INSURANCE COMPANY USE	
			Policy Number:	
City	State	ZIP Code	Company NAIC Number	
SARASOTA	Florida	34242		

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 RIGHT SIDE VIEW 7/31/18

Clear Photo Three



Photo Four

Photo Four Caption LEFT SIDE VIEW 7/31/18

Clear Photo Four

# **BUILDING PHOTOGRAPHS**

# **ELEVATION CERTIFICATE**

See Instructions for Item A6.

OMB No. 1660-0008 Expiration Date: November 30, 2018

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. 6429 MIDNIGHT PASS RD - BUILDING ADDITION			FOR INSURANCE COMPANY USE	
			Policy Number:	
City SARASOTA	State Florida	ZIP Code 34242	Company NAIC Number	

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 VENT 7/31/18

Clear Photo One

Photo Two

Photo Two Caption REAR VIEW

Clear Photo Two



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# **ICC-ES Report**

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**ESR-2074** 

Reissued 02/2017 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



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# **ICC-ES Evaluation Report**

**ESR-2074** 

Reissued February 2017

This report is subject to renewal February 2019.

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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:

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)<sup>†</sup>

<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<sup>®</sup> 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 iriches (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 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 6.0 EVIDENCE SUBMITTED 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.

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 <sup>5</sup> / <sub>4</sub> " X 7 <sup>3</sup> / <sub>4</sub> "	200
SmartVENT®	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 Wali 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® 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

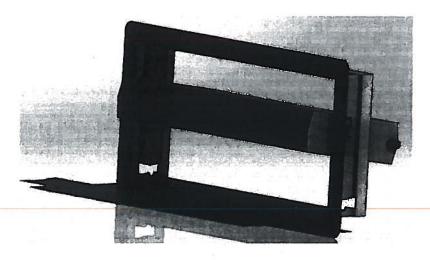


FIGURE 3-SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN



# **ICC-ES Evaluation Report**

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

Issued January 2017

This report is subject to renewal February 2019.

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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:

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.

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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:

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.

