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.

SECTION A _'PROPERTY INFORMATION				FOI	FOR INSURANCE COMPANY USE				
Al. Building Owner's Name				Pol	Policy Number:				
Kevin Ulrich									
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.					Cor	npany NAIC	Number:		
#204 N. Clermont	Avenue								
City City of Margate	City State City of Margate New Jersey				ZIP 084	Code 02			
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Block 404.02 Lot 25									
A4. Building Use (e.g., Residential, Non Residential Addition, Accessory, etc.) Residential									
A5. Latitude/Longit	ude: Lat. 3	9.3345	Long	74.4988		Horizontal	Datum:	NAD 1927	x NAD 1983
A6. Attach at least	2 photograp	hs of the building if the	e Certific	cate is being	used to	obtain flood	I insurance		
A7. Building Diagra	am Number	7	_						
A8. For a building	with a crawls	space or enclosure(s):							
a) Square foo	tage of craw	lspace or enclosure(s))		622.00) sq ft	_		
b) Number of p	permanent flo	ood openings in the cr	awlspace	e or enclosur	e(s) with	nin 1.0 foot	above adja	cent grade	5
c) Total net are	ea of flood o	penings in A8.b		0.00 sq ir	า				
d) Engineered	flood openin	ngs'? x yes 0 N	10		_				
A9. For a building w	vith an attach	ned garage:							
a) Square foot				0.00 sq fi	ť				
	_	ood openings in the at	tached q	arage within	- 1.0 foot	above adia	acent grade	∋ 0	
		penings in A9.b	J	0.00 sq		,	<u> </u>		
·	flood opening		No.		<u></u>				
a, Engineered	nood oponing	go. 100 X 1	10						
	SE	CTION B _ FLOOD I	INSURA	NCE RATE I	MAP (FI	(RM) INFO	ORMATIO	N	
B1. NFIP Community Name & Community Number B2. County Name						3. State			
CITY OF MARGATE & 345304 ATLANTIC COUNTY New Jersey									
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	Effe	RM Panel ective/ vised Date	B8. Fle Zone(s			Flood E eva AO, use Ba	tion(s) se Flood Depth)
34001C0453	F	08-28-2018	08-28-2		AE		8		
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:									
FIS Profile x FIRM Community Determined Other/Source:									
B11. Indicate elevation datum used for BFE in Item 69: O NGVD 1929 El NAVD 1988 O Other/Source:									
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? O Yes x No									
Designation Date: CBRS OPA									
			•						

ELEVATION CERTIFICATE

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.	FOR INSURANCE COMPANY USE Policy Number:		
#204 N. Clermont Avenue	Policy Number:		
City State ZIP Code City of Margate New Jersey 08402	Company NAIC Number		
SECTION C – BUILDING ELEVATION INFORMATION (SURVEY R	EQUIRED)		
 C1. Building elevations are based on: Construction Drawings* Building Under 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 Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puer Benchmark Utilized: private 	/AE, AR/A1–A30, AR/AH, AR/AO		
Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 X 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)	9.2 X feet meters		
b) Top of the next higher floor	19.4 X feet meters		
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A ☒ feet ☐ meters		
d) Attached garage (top of slab)	N/A ☒ feet ☐ meters		
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	13.4 X feet meters		
f) Lowest adjacent (finished) grade next to building (LAG)	9.1 🗵 feet 🗌 meters		
g) Highest adjacent (finished) grade next to building (HAG)	10.2 X feet meters		
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	10.2 🗵 feet 🗌 meters		
SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIF	ICATION		
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by a certify that the information on this Certificate represents my best efforts to interpret the data available 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?	y law to certify elevation information. able. I understand that any false X Check here if attachments.		
Certifier's Name License Number			
Paul M. Koelling, PLS, CFM NJ24GS 04328800			
Title Professional Land Surveyor	Place		
Company Name Paul Koelling & Associates NJ C.O.A. 24GA28256300	Seal		
Address 2161 Shore Road sox-PHKsurvey@comcast.net	Here		
City State ZIP Code New Jersey 08221			
Signature Date Telephone (609) 927-0279	Ext.		
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) *A8.) Smart Vents Model #1540-510 engineered for 200 square inches of net area each exist. Per must be installed below the base flood elevation". Enclusure consists of garage, foyer, closet, stora **B8 & B9.) Dwelling located in the X shaded zoneportions of property remain in the FEMA FIR 8 ft. (NAVD88) ***C2a.) enclosure (elev 9.2 & 10.2)elevator pit (elev 9.3) ****C2e.) furnace (elev 16.3)water heater (elev 13.4)elevator equipment (elev 14.3)	age, stairs, elevator pit.		

ELEVATION CERTIFICATE

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

IMPORTANT: In these spaces, copy the corre	sponding informatio	n from Section A.		FOR INSURANCE	COMPANY USE
Building Street Address (including Apt., Unit, Su #204 N. Clermont Avenue	ite, and/or Bldg. No.)	or P.O. Route and Bo		Policy Number:	
City	State	ZIP Code		Company NAIC Nur	mber
City of Margate	New Jersey	08402			
SECTION E – BUILDII FOF	NG ELEVATION INF R ZONE AO AND ZO			REQUIRED)	
For Zones AO and A (without BFE), complete Ite complete Sections A, B, and C. For Items E1–E4 enter meters.					
E1. Provide elevation information for the following the highest adjacent grade (HAG) and the lates a) Top of bottom floor (including basement	owest adjacent grade	ropriate boxes to show (LAG).	w whether	the elevation is abo	ve or below
crawlspace, or enclosure) is	-		meters	above or	below the HAG.
 b) Top of bottom floor (including basement crawlspace, or enclosure) is 			meters	above or	below the LAG.
E2. For Building Diagrams 6–9 with permanent	flood openings provid	ed in Section A Items	8 and/or 9	(see pages 1-2 of	Instructions).
the next higher floor (elevation C2.b in the diagrams) of the building is			meters		below the HAG.
E3. Attached garage (top of slab) is			meters	above or	below the HAG.
E4. Top of platform of machinery and/or equipm servicing the building is	nent	 ∏feet	─ meters		below the HAG.
E5. Zone AO only: If no flood depth number is a floodplain management ordinance?			ted in acc	ordance with the co	mmunity's
SECTION F - PROPERT	V OWNED (OD OWN	IER'S REPRESENTA	TIVE) CER	RTIFICATION	
020110111 11101 2111	I OWNER (OR OWN		, 00.		
The property owner or owner's authorized repre- community-issued BFE) or Zone AO must sign h	sentative who comple	tes Sections A, B, and	d E for Zon	e A (without a FEM	A-issued or knowledge.
The property owner or owner's authorized repre-	sentative who comple nere. The statements	tes Sections A, B, and	d E for Zon	e A (without a FEM	A-issued or knowledge.
The property owner or owner's authorized repre- community-issued BFE) or Zone AO must sign h Property Owner or Owner's Authorized Represe	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized repre- community-issued BFE) or Zone AO must sign h	sentative who comple nere. The statements	tes Sections A, B, and	d E for Zon	e A (without a FEM ct to the best of my	A-issued or knowledge.
The property owner or owner's authorized representation of the property owner or Owner's Authorized Representation Address	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
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The property owner or owner's authorized representation of the property owner or Owner's Authorized Representation Address	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe Address Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe Address Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe Address Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe. Address. Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
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The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe. Address. Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe. Address. Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe. Address. Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe. Address. Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe. Address. Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe. Address. Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe. Address. Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe Address Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe Address Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe Address Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe Address Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM ct to the best of my	r knowledge.
The property owner or owner's authorized reprecommunity-issued BFE) or Zone AO must sign here. Property Owner or Owner's Authorized Represe Address Signature	sentative who comple nere. The statements	tes Sections A, B, and in Sections A, B, and City	d E for Zon E are corre	e A (without a FEM cct to the best of my	r knowledge.

ELEVATION CERTIFICATE

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

IMPORTANT: In these spaces, copy the corresponding informatio	FOR INSURANCE COMPANY USE				
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) #204 N. Clermont Avenue	Policy Number:				
City State City of Margate New Jersey	ZIP Code 08402	Company NAIC Number			
SECTION G - COMMUNITY I	NFORMATION (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.					
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 local or Zone AO.	ated in Zone A (without a FEM.	A-issued or community-issued BFE)			
G3. The following information (Items G4–G10) is provided for co	ommunity floodplain managem	ent purposes.			
G4. Permit Number G5. Date Permit Issu		Date Certificate of Compliance/Occupancy Issued			
G7. This permit has been issued for: New Construction	Substantial Improvement				
G8. Elevation of as-built lowest floor (including basement) of the building:		meters Datum			
G9. BFE or (in Zone AO) depth of flooding at the building site:	feet	meters Datum			
G10. Community's design flood elevation:		meters Datum			
Local Official's Name J. Crlayine Community Name	Title CFM				
Community Name					
Signature MARCAFE	Date	22-1974			
g. Cl		1/30/22			
Comments (including type of equipment and location, per C2(e), if applicable)					
		Check here if attachments.			



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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 conecount

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 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 " × 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 St: 1 inch = 25.4 mm; 1 square foot = m2

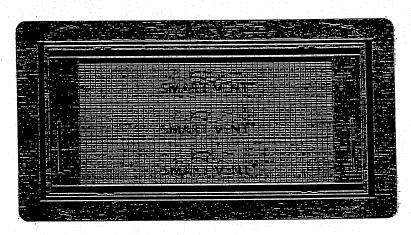


FIGURE 1-SMART VENT: MODEL 1540-510

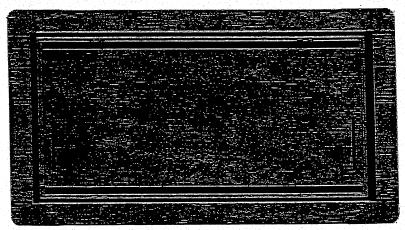


FIGURE 2-SMART VENT MODEL 1540-520

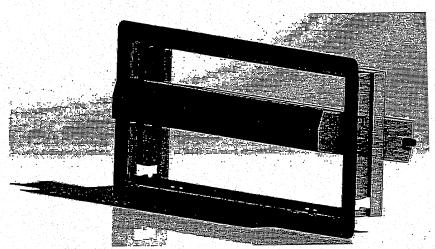


FIGURE 3-SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

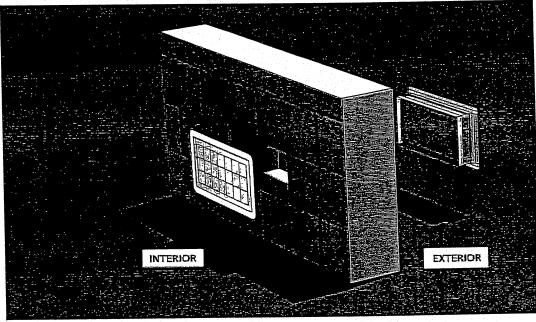


FIGURE 4-FLOOD VENT SEALING KIT



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

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.

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

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



Building Photographs

	For Insurance Company Use:		
Building Street Address (included #204 N. Clermont Ave	Policy Number		
City	State	ZIP Code	Company NAIC Number
Margate	NJ	08402	

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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." If submitting more photographs than will fit on this page, use the Continuation Page on the reverse.





Front View – Date of Photograph: (See Photo Stamp)

Rear View - Date of Photograph: (See Photo Stamp)





Right Side View – Date of Photograph: (See Photo Stamp)

Left Side View – Date of Photograph: (See Photo Stamp)