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

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	PERTY INFORMATION		FOR INSURANCE COMPANY U
 Building Owner's Name CK CARR BROTHERS 2, LLC 			Policy Number:
 Building Street Address (including Apt., Ur Box No. 	nit, Suite, and/or Bldg. No.) or	P.O. Route and	Company NAIC Number:
12 MARBLEHEAD DRIVE	Chata		710.0-14
	State South Ca	olina	29566
A3. Property Description (Lot and Block Numb INIT 22 CAPE COD COTTAGES @ MARKEE	ers, Tax Parcel Number, Leg	al Description, e	etc.)
4. Building Use (e.g., Residential, Non-Resid	ential, Addition, Accessory, e	c.) RESIDE	NTIAL
5. Latitude/Longitude: Lat. 33D51'09.816"	Long. 78D39'23.534"	Horizont	al Datum: NAD 1927 🕅 NAD 1983
6. Attach at least 2 photographs of the building	no if the Certificate is being us	ed to obtain flo	
7 Building Diagram Number 6	3		
8 For a building with a crawlspace or enclos	ure/c)		
a) Square footage of crawlspace or enclose	sure(s)	106.00 so ft	
 b) Number of permanent flood openings in 	the crawlenace or enclosure	e) within 1.0 for	t above adjacent grade
c) Total pat area of flood openings in A8 h	1000 00 cg in	5) within 1.0 lot	
c) Total her area of flood openings in Ao.o	1000.00 sq iii		
a) Engineered flood openings? X Yes	□ No		
 a) Engineered flood openings? [X] Yes 9. For a building with an attached garage: 	No		
 a) Engineered flood openings? [X] Yes 9. For a building with an attached garage: a) Square footage of attached garage 	No N/A sq ft		
 a) Engineered flood openings? [X] Yes 9. For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in 	No N/A sq ft	0 foot above ad	djacent grade N/A
 d) Engineered flood openings? [X] Yes 9. For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in c) Total net area of flood openings in A9.b 	No N/A sq ft the attached garage within 1 N/A sq i	0 foot above ad	djacent grade N/A
 d) Engineered flood openings? [X] Yes 9. For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in c) Total net area of flood openings in A9.b d) Engineered flood openings? [Yes 	No N/A sq ft the attached garage within 1 N/A sq i NO	0 foot above ad	djacent grade <u>N/A</u>
 a) Engineered flood openings? [X] Yes b) For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in c) Total net area of flood openings in A9.b d) Engineered flood openings? [Yes SECTION B – FL 	No N/A sq ft No N/A sq ft N/A sq ft N/A sq i N/A sq i N/A sq i No OOD INSURANCE RATE I	0 foot above ad n IAP (FIRM) IN	djacent grade <u>N/A</u>
 d) Engineered flood openings? [X] Yes 9. For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in A9.b d) Engineered flood openings? [Yes SECTION B – FL 1. NFIP Community Name & Community Num IORRY COUNTY 450104 	No N/A sq ft the attached garage within 1 N/A sq i N/A sq i N/A sq i NO	0 foot above ac n IAP (FIRM) IN Iame JNTY	formation B3. State South Carolina
 a) Engineered flood openings? [×] Yes b) For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in c) Total net area of flood openings in A9.b d) Engineered flood openings? [Yes BECTION B - FL NFIP Community Name & Community Num IORRY COUNTY 450104 Map/Panel B5, Suffix B6, FIRM Incompton 	No N/A sq ft No N/A sq ft B/A sq ft N/A sq ft S/A sq ft	0 foot above ad n IAP (FIRM) IN Iame JNTY B8. Flood	FORMATION B3. State South Carolina B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
 d) Engineered flood openings? [X] Yes 9. For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in A9.b d) Engineered flood openings? [Yes C) Total net area of flood openings in A9.b d) Engineered flood openings? [Yes SECTION B - FL 1. NFIP Community Name & Community Num IORRY COUNTY 450104 Map/Panel Number Map/Panel Number 	No N/A sq ft N/A sq ft N/A sq ft N/A sq ft N/A sq i N/A sq i N/A sq i NO	0 foot above ad n IAP (FIRM) IN Iame JNTY B8. Flood Zone(s)	djacent grade N/A FORMATION B3. State South Carolina B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
d) Engineered flood openings? [×] Yes 9. For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in c) Total net area of flood openings in A9.b d) Engineered flood openings? ☐ Yes SECTION B – FL 1. NFIP Community Name & Community Num ORRY COUNTY 450104 B6. FIRM Inc D51C0606 X X 12-16-2021	No N/A sq ft N/A sq ft N/A sq ft N/A sq ft N/A sq i N/A sq i N/A sq i NO	0 foot above ad n IAP (FIRM) IN Iame JNTY B8. Flood Zone(s) AE	djacent grade N/A FORMATION B3. State South Carolina B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 10
d) Engineered flood openings? [×] Yes 9. For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in C) Total net area of flood openings in A9.b d) Engineered flood openings? d) Engineered flood openings? ☐ Yes SECTION B – FL 1. NFIP Community Name & Community Num IORRY COUNTY 450104 B6. FIRM Inc Date X X 051C0606 X X 10. Indicate the source of the Base Flood Ele	No N/A sq ft No N/A sq ft N/A sq ft N/A sq ft N/A sq i N/A sq i NO	0 foot above ad n IAP (FIRM) IN Iame JNTY B8. Flood Zone(s) AE	djacent grade N/A FORMATION B3. State South Carolina B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 10 ed in Item B9:
 d) Engineered flood openings? [X] Yes 9. For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in A9.b d) Engineered flood openings? [Yes 3. Section B - FL 1. NFIP Community Name & Community Num ORRY COUNTY 450104 3. Map/Panel Number 0. Sinco606 3. K 4. Section B - FL 10. Indicate the source of the Base Flood Election El	No N/A sq ft the attached garage within 1 N/A sq it N/A sq it No OOD INSURANCE RATE IN No OOD INSURANCE RATE IN HORRY COUNT B7. FIRM Panel Effective/ Revised Date 12-16-2021 evation (BFE) data or base flow Determined Other/Sourt	0 foot above ad n IAP (FIRM) IN Iame JNTY B8. Flood Zone(s) AE od depth entere	djacent grade N/A FORMATION B3. State South Carolina B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 10 ed in Item B9:
 d) Engineered flood openings? [X] Yes 9. For a building with an attached garage: a) Square footage of attached garage b) Number of permanent flood openings in A9.b d) Engineered flood openings? [] Yes 3. Section B - FL 1. NFIP Community Name & Community Num ORRY COUNTY 450104 Map/Panel Number (251C0606) [X] [X] [X] [X] [X] [X] [X] [X] [X] [X]	No N/A sq ft the attached garage within 1 N/A sq it NO NO OOD INSURANCE RATE IN Nber B2. County N HORRY COUNT Mex B7. FIRM Panel Effective/ Revised Date 12-16-2021 evation (BFE) data or base floor Determined Other/Sour Item B9: NGVD 1929	0 foot above ad IAP (FIRM) IN lame JNTY B8. Flood Zone(s) AE od depth entere ce: NAVD 1988	djacent grade N/A FORMATION B3. State South Carolina B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 10 ed in Item B9: Other/Source:

FEMA Form 086-0-33 (12/19)

Replaces all previous editions.

Form Page 1 of 6

137509 9-15-2022

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

ELEVATION CERTIFICATE	3		Expirat	ion Date: N	lovember 30, 2022
MPORTANT: In these spaces, copy the	corresponding information from Se	ction A.	FORI	NSURANC	E COMPANY USE
Building Street Address (including Apt., U 112 MARBLEHEAD DRIVE	Init, Suite, and/or Bldg. No.) or P.O. Rou	ute and Box No.	Policy	Number:	
City LITTLE RIVER	State ZIP South Carolina 295	Code 66	Comp	Company NAIC Number	
SECTION C -	BUILDING ELEVATION INFORMA	TION (SURVEY F	EQUIR	ED)	
C1. Building elevations are based on: *A new Elevation Certificate will be	Construction Drawings* Build required when construction of the build	Iding Under Constr ing is complete.	uction*	X Finish	ned Construction
C2. Elevations – Zones A1–A30, AE, A Complete Items C2.a–h below acco	H, A (with BFE), VE, V1–V30, V (with B ording to the building diagram specified	FE), AR, AR/A, AF in Item A7. In Puer	VAE, AR to Rico (/A1-A30, A only, enter	AR/AH, AR/AO. meters.
Benchmark Utilized: SC VRS	Vertical Datum	NAVD 88	_		
Indicate elevation datum used for the	ne elevations in items a) through h) belo	W.			
NGVD 1929 🔀 NAVD 1	1988 Other/Source:				
Datum used for building elevations	must be the same as that used for the l	BFE.	Ch	ock the me	asuramont used
a) Top of bottom floor (including ba	sement crawlspace or enclosure floor	1	9.5	IX feet	meters
b) Top of the pert higher floor		/	20.0	IX feet	meters
b) Top of the lewest being tol			NI/A	V feet	
 c) Bottom of the lowest horizontal s d) Attached correct (tes of clot) 	structural member (v Zones only)	5	N/A	∑ feet	
 a) Attached garage (top of siab) c) Lowest elevation of machinery of aquipment and 	or equipment servicing the building		13.5	⊠ feet	meters
Lowest adjacent (finished) grad	a post to building (LAC)		81	∑ feet	
i) Lückest adjacent (Inished) grade			0.1	⊡ feet	
g) Highest adjacent (inlished) grad	e next to building (HAG)		2.1		
 n) Lowest adjacent grade at lowes structural support 	t elevation of deck or stairs, including		N/A	feet	meters
SECTION D	- SURVEYOR, ENGINEER, OR AR	CHITECT CERTI	ICATIO	N	
This certification is to be signed and sea I certify that the information on this Certi statement may be punishable by fine or	led by a land surveyor, engineer, or arc ficate represents my best efforts to inte imprisonment under 18 U.S. Code, Sec	chitect authorized t rpret the data avail ction 1001.	y law to able. I u	certify elev	ation information. that any false
Were latitude and longitude in Section A	provided by a licensed land surveyor?	🛛 Yes 🗌 No		Check her	e if attachments.
Certifier's Name JACQUES J. BONNETT	License Number 21431				1990.
Title			Π.	N'CARO	LINA
PLS			_ 3	S/S P	ace
SITE SURVEYING LLC			EO	9	1431 SILE
Address			==	W 10.	
111 WHITE OAK FOREST PL			11	De F	lere Si
City	State	ZIP Code	- 1	IL JACO	C L SIN
CONWAY	South Carolina	29527		11111	UESIN
Signature	Date 09-09-2022	Telephone (843) 397-8000	Ext.		
Copy all pages of this Elevation Certificate	and all attachments for (1) community o	fficial, (2) insurance	agent/c	ompany, an	d (3) building owne
Comments (including type of equipment LOWEST MACHINERY WILL BE AC UN SHEET. THE NET ARE OF OPENINGS TO MATCH ENGINEERED RELIEF AR ELEVATOR MACHINERY PLATFORM	and location, per C2(e), if applicable) NIT. FLOOD VENTS ARE ENGINEER IS 492 SQUARE INCHES. THE COUL EA OF OPENINGS. (FLOOD VENTS A IS 14.8'	ED FOR 250 SQ F NTY MAKES ME P ARE FFV-1608 SE	T PER V UT SQU E ATTAC	ENT SEE / ARE INCH CHED PAPI	ATTACHED ES OF OPENING ERWORK)

LEVATION CERTIFICATE		4	Ē	Expiration Date:	November 30, 2022
MPORTANT: In these spaces, copy the	corresponding information f	om Section A.		FOR INSURAN	CE COMPANY USE
Building Street Address (including Apt., Ur 112 MARBLEHEAD DRIVE	it, Suite, and/or Bldg. No.) or F	O. Route and Bo	(No.	Policy Number:	
City LITTLE RIVER	State South Carolina	ZIP Code 29566		Company NAIC	Number
SECTION E - BU	FOR ZONE AO AND ZONE	MATION (SURV A (WITHOUT BI	EY NOT F	REQUIRED)	
For Zones AO and A (without BFE), compl complete Sections A, B, and C. For Items E enter meters.	ete Items E1–E5. If the Certific E1–E4, use natural grade, if av	ate is intended to a ailable. Check the	support a l measurem	OMA or LOMR ent used. In Pu	t-F request, lerto Rico only,
 E1. Provide elevation information for the f the highest adjacent grade (HAG) and a) Top of bottom floor (including base 	ollowing and check the approp I the lowest adjacent grade (LA ement,	iate boxes to show G).	v whether	the elevation is	above or below
crawlspace, or enclosure) is b) Top of bottom floor (including base	ement,		meters	above or	below the HAG.
crawispace, or enclosure) is	-	feet	meters	above or	below the LAG.
E2. For Building Diagrams 6–9 with permit the next higher floor (elevation C2.b in the diagram).	anent flood openings provided	in Section A Items	8 and/or 9	(see pages 1-	2 of Instructions),
E3. Attached garage (top of slab) is		[] feet	meters meters	above or	below the HAG.
E4. Top of platform of machinery and/or e servicing the building is	quipment	Teet	meters	above or	below the HAG
E5. Zone AO only: If no flood depth numb floodplain management ordinance?	er is available, is the top of the	bottom floor eleva	ited in acc	ordance with th	e community's ation in Section G.
Property Owner or Owner's Authorized Re Address	presentative's Name	ity	E are com	te	ZIP Code
Signature	D	ate	Tel	ephone	
				Check	here if attachments.

137504 9-15-2023 Realer 22

LEVATION CERT	TIFICATE		Expiration Date: November 30, 202
IPORTANT: In these s	paces, copy the corresponding information f	rom Section A.	FOR INSURANCE COMPANY US
uilding Street Address 12 MARBLEHEAD DRI	(including Apt., Unit, Suite, and/or Bldg. No.) or F VE	P.O. Route and Box No	 Policy Number:
ity TTLE RIVER	State South Carolina	ZIP Code 29566	Company NAIC Number
	SECTION G - COMMUNITY INF	ORMATION (OPTION	AL)
he local official who is ections A, B, C (or E), sed in Items G8–G10.	authorized by law or ordinance to administer the and G of this Elevation Certificate. Complete the In Puerto Rico only, enter meters.	community's floodplain applicable item(s) and	n management ordinance can complete I sign below. Check the measurement
1. The information engineer, or an data in the Co	on in Section C was taken from other documental rchitect who is authorized by law to certify elevat mments area below.)	tion that has been sign ion information. (Indica	ed and sealed by a licensed surveyor, ate the source and date of the elevation
2. A community or Zone AO.	official completed Section E for a building located	d in Zone A (without a	FEMA-issued or community-issued BFE)
3. The following	information (items G4–G10) is provided for comi	nunity noodplain mana	igement purposes.
4. Permit Number	G5. Date Permit Issued	1	 Date Certificate of Compliance/Occupancy Issued
7. This permit has be	en issued for: New Construction S	ubstantial Improvemen	nt
 Elevation of as-bui of the building: 	It lowest floor (including basement)		feet [] meters Datum
9. BFE or (in Zone A	O) depth of flooding at the building site:	□	feet imeters Datum
10. Community's desig	gn flood elevation:	[] feet meters Datum
ocal Official's Name		Title	
ommunity Name		Telephone	
ignature		Date	
comments (including ty	pe of equipment and location, per C2(e), if applic	cable)	
			Check here if attachment

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ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

9-15-2027 OMB No. 1660-0008 Rmtcs22 Expiration Date: November 30, 2022

137509

IMPORTANT: In these spaces, copy	FOR INSURANCE COMPANY USI Policy Number:		
Building Street Address (including Ap 112 MARBLEHEAD DRIVE			
City LITTLE RIVER	State South Carolina	ZIP Code 29566	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 Caption FRONT



Photo Two Caption BACK

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Replaces all previous editions.

Clear Photo Two

Clear Photo One

Form Page 5 of 6

ELEVATION CERTIFICATE	BUILDING PHOTOGR/ Continuation Page	APHS	9.15-20 OMB No. 1660-0008 2 Mul-5 Expiration Date: November 30, 2022
MPORTANT: In these spaces, copy the c	orresponding information from Sec	ction A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit 112 MARBLEHEAD DRIVE	t, Suite, and/or Bldg. No.) or P.O. Rou	ite and Box No.	Policy Number
City LITTLE RIVER	State ZIP South Carolina 295	Code 66	Company NAIC Number
If submitting more photographs than will with: date taken; "Front View" and "Re photographs must show the foundation wit	fit on the preceding page, affix the a ar View"; and, if required, "Right s h representative examples of the floo	additional photog Side View" and d openings or ver	raphs below. Identify all photographs "Left Side View." When applicable, nts, as indicated in Section A8.
Photo Three Caption FLOOD VENTS	T A MARKA A S NO STOP		Clear Photo Three
	Directo Four		

FEMA Form 086-0-33 (12/19) Replaces all previous editions.

Form Page 6 of 6





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ICC-ES Evaluation Report

ESR-4332

DIVISION: 08 00 00-OPENINGS Section: 08 95 43-Vents / Foundation Flood Vents

REPORT HOLDER:

SMART PRODUCT INNOVATIONS, INC.

EVALUATION SUBJECT:

FREEDOM FLOOD VENT™ AUTOMATIC FOUNDATION FLOOD VENT: MODEL FFV-1608

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)

Properties evaluated:

- Physical operation
- Water flow
- Weathering

2.0 USES

The model FFV-1608 Freedom Flood Vent™ is used to equalize hydrostatic pressure on walls of enclosures subject to rising or falling floodwaters. With the cover removed, the model FFV-1608 also provides natural air ventilation.

3.0 DESCRIPTION

3.1 General:

The model FFV-1608 Freedom Flood Vent™ is an engineered mechanically operated in-wall flood vent (FV) that automatically allows floodwater to enter an enclosed area and exit. The FV is comprised of a polycarbonate frame with mounting flange and a polycarbonate horizontally pivoting door. When subjected to rising water, the model FFV-1608 Freedom Flood Vent[™] door is activated and pivots to allow water and debris to flow in either direction to equalize hydrostatic pressure from one side of the enclosure to the other. The FV features a removable polycarbonate cover. The FV door will activate and pivot when subjected to rising water with or without the polycarbonate cover installed.

I-Codes provide recognition in all 50 states

Specialty code recognition

A Subsidiary of the International Code Council®

Reissued March 2022

This report is subject to renewal March 2024.

3.2 Engineered Opening:

The FV complies with the design principle noted in Section 2.7.2.2 and Section 2.7.3 of ASCE/ SEI 24-14 (2021, 2018 and 2015 IBC and IRC) [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, Freedom Flood Vent™ FVs must be installed in accordance with Section 4.0 below. See Table 1 for vent size and maximum allowable area coverage for a single vent.

4.0 DESIGN AND INSTALLATION

The model FFV-1608 Freedom Flood Vent™ is designed to be installed into walls or overhead doors of existing or new construction. Installation of the vent must be in accordance with the manufacturer's instructions, the applicable code, and this report. In order to comply with the engineered opening design principle noted in Sections 2.7.2.2 and 2.7.3 of ASCE/ SEI 24-14 (2021, 2018 and 2015 IBC and IRC) [Section 2.6.2.2 of ASCE/ SEI 24-05 (2012, 2009, 2006 IBC and IRC)], the Freedom Flood Vent" 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 250 square feet (23.2 m²) of enclosed area.
- Below the base flood elevation.
- With the bottom of the vent located a maximum of 12 inches (305.4 mm) above the higher of the final interior grade or floor and the finished exterior grade immediately under each opening.

5.0 CONDITIONS OF USE

The Freedom Flood Vent[™] described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 The model FFV-1608 Freedom Flood Vent[™] unit must be installed in accordance with this report, the applicable code and the manufacturer's published installation instructions. In the event of a conflict, the instructions in this report shall govern.
- 5.2 The model FFV-1608 Freedom Flood Vent[™] unit must not be used in place of "breakaway walls" in coastal

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 as an endorsement of the subject of the report or a recommendation for its use. There is to any finding or other matter in this report, or as to any product covered by the report



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Page 1 of 4



ESR-4332 | Most Widely Accepted and Trusted

high hazard areas, but are permitted for use in conjunction with breakaway walls in other areas.

5.3 Use of the Freedom Flood Vent as under-floor space ventilation is outside the scope of this report.

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015 (editorially revised February 2021).

7.0 IDENTIFICATION

- 7.1 The Freedom Flood Vent[™] model described in this report must be identified by a label bearing the manufacturer's name (Smart Product Innovations, Inc.) and the evaluation report number (ESR-4332).
- 7.2 The report holder's contact information is the following.

SMART PRODUCT INNOVATIONS, INC. 430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071 (800) 507-1527 www.freedomfloodvent.com info@freedomfloodvent.co

TARI F	1-FREEDOM	EL OOD	VENTT
INDLL	I-REEDOM	FLOOD	VENI

MODEL NAME	MODEL NUMBER	MODEL SIZE	COVERAGE (sq. ft.)
Freedom Flood Vent™	FFV-1608	15 ³ / ₄ " X 8 ¹ / ₁₆ "	250

For SI: 1 inch = 25.4 mm



FIGURE 1-MODEL FFV-1608 FREEDOM FLOOD VENT™: SHOWN WITH COVER REMOVED



FIGURE 2-MODEL FFV-1608 FREEDOM FLOOD VENT™: SHOWN WITH FLOOD DOOR PIVOTED OPEN

137509 9-15-2022 Page 2 of 4 Row Low

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ICC-ES Evaluation Report

ESR-4332 CBC and CRC Supplement

Reissued March 2022 This report is subject to renewal March 2024.

137504 9-15-2028 RMLEVIZZ

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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 PRODUCT INNOVATIONS, INC.

EVALUATION SUBJECT:

FREEDOM FLOOD VENT™ AUTOMATIC FOUNDATION FLOOD VENT: MODEL FFV-1608

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that the Freedom Flood Vent[™] Automatic Foundation Flood Vent: Model FFV-1608, described in ICC-ES evaluation report ESR-4332, has 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 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 Freedom Flood Vent[™] Automatic Foundation Flood Vent: Model FFV-1608, described in Sections 2.0 through 7.0 of the evaluation report ESR-4332, complies with CBC Chapter 12 provided the design and installation are in accordance with the 2018 *International Building Code*[®] (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 12 and 16, as applicable.

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

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

2.2 CRC:

The Freedom Flood Vent[™] Automatic Foundation Flood Vent: Model FFV-1608, described in Sections 2.0 through 7.0 of the evaluation report ESR-4332, complies 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 March 2022.

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.



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ICC-ES Evaluation Report

ESR-4332 FBC Supplement

137504 5-15-2022 Kouch2

Reissued March 2022 This report is subject to renewal March 2024.

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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 PRODUCT INNOVATIONS, INC.

EVALUATION SUBJECT:

FREEDOM FLOOD VENT™ AUTOMATIC FOUNDATION FLOOD VENT: MODEL FFV-1608

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Freedom Flood Vent[™] Automatic Foundation Flood Vent Model FFV-1608, described in ICC-ES evaluation report ESR-4332, has 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 Freedom Flood Vent[™] Automatic Foundation Flood Vent: Model FFV-1608, described in Sections 2.0 through 7.0 of the evaluation report ESR-4332, complies with the *Florida Building Code—Building* and the *Florida Building Code—Building Code—Building* and the *Florida Building Code—Residential*, as applicable. The installation requirements of *Florida Building Code—Building* and the *Florida Building Code—Building* and the *Florida Building Code—Residential*, as applicable. The installation requirements of *Florida Building Code—Building* and the *Florida Building* and the *Florida Building*

Use of the Freedom Flood Vent[™] Automatic Foundation Flood Vent: Model FFV-1608 has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* and the *Florida Building Code—Residential*.

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

This supplement expires concurrently with the evaluation report, reissued March 2022.

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