## DEPARTMENT OF HOMELAND SECURITY

## Federal Emergency Management Agency ELEVATION CERTIFICATE

**IMPORTANT:** FOLLOW THE INSTRUCTIONS ON PAGES 9-16

OMB Control Number: 1660-0008 Expiration: 11/30/2018

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				FOR	FOR INSURANCE COMPANY USE			
A1.	v1. Building Owner's Name WEST BAY HILL LLC			Polic	Policy Number:			
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.				.O. Com	Company NAIC Number:			
1	Company NAIC Number: 22220 LEFT BANK LANE PERMIT NUMBER: RE\$2015-04261							
City	ESTERO				State I	FL	Zip Code 33928	
A3,	Property Descriptio STRAP # 31-46-25			Tax Parcel Number, Legal DID: 10568199, LOT 06,			ST.#20140000210491	
A4.	A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL							
A5.	A5. Latitude/Longitude: Lat. 26.427159° N Long. 81.839089°W Horizontal Datum: 🔲 NAD 1927 🖾 NAD 1983							
A6.	Attach at least 2 ph	otographs	of the building if	the Certificate is being used	d to obtain	flood insurance.		
1	Building Diagram N							
A8.	For a building with	a crawlsp	ace or enclosure	(s):	A9. For a	a building with an atta	ched garage:	
	a) Square footage (	of crawlspa	ace or enclosure(	s) <u>n/a</u> sq ft	a) Square	e footage of attached	garage <u>749</u> sq_ft	
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade n/a above adjacent grade 5					nin 1.0 foot			
	c) Total net area of flood openings in A8.b <u>n/a</u> sq in c)			c) Total n	Total net area of flood openings in A9.b <u>618</u> sq in			
	d) Engineered flood	d openings	1 29444	<u>No</u>	AND DESCRIPTION OF THE OWNER OF T	ered flood openings?	X Yes 🗌 No	<b></b>
R1	. NFIP Community	Jame & Cr		FLOOD INSURANCE RATI B2. County Name	E MAP (FI	RM) INFORMATION B3. State		
	mber VILLAGE OF			LEE		FLORIDA		
	B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised	B8. Floor Zone(s)	ſ	Flood Elevation(s) (Zor se base flood depth)	)e
	12071C0587F	F	8/28/08	Date 8/28/08	AE		10.0	
B1	B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:							
	FIS Profile FIRM Community Determined Other/Source:							
B1	B11. Indicate elevation datum used for BFE in Item B9:NGVD 1929 XNAVD 1988Other/Source:							
B1	2. Is the building loca	ated in a C	Coastal Barrier R	esources System (CBRS) a	rea or Othe	erwise Protected Area	a (OPA)?	No
De	Designation Date: CBRS OPA							
	SECTION C-BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)							
C1. Building elevations are based on: □Construction Drawings* □Building Under Construction* ☑ Finished Construction 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.								
*	A new Elevation Cert	ificate will	be required whe	n construction of the buildin	g is compl	ete.		
Benchmark Utilized: NGS PID "AD1340" Vertical Datum: NAVD88								
Indicate elevation datum used for the elevations in items a) through h) below. INGVD 1929 XINAVD 1988								
Other/Source:								
Da	atum used for building	g elevatior	ns must be the s	ame as that used for the BF	E.		Check the measure	ement used.
	a) Top of bottom	floor (incl	uding basement	, crawlspace, or enclosure f	loor) <u>1</u>	0.2 🛛 fee	et 🗌 meters	
-	b) Top of the nex	d higher fl	oor		N	IA [] fee	et 🗌 meters	
c) Bottom of the lowest horizontal structural member (V zones only)					N	<u>IA.</u> ☐ fee	et 🗌 m <b>e</b> ters	
	d) Attached garage (top of slab)					. <b>0</b> 🛛 fee	et 🗌 meters	
	e) Lowest elevation of machinery of equipment servicing the building 10.1 I feet I meters (Describe type of equipment and location in Comments)							
	f) Lowest adjacent (finished) grade next to bullding (LAG)				8	. <u>9</u> 🛛 fee	et 🗌 meters	
	g) Highest adjacent (finIshed) grade next to building (HAG)			9	. <u>5</u> ⊠ fee	et 🗌 meters		
	<ul> <li>h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support</li> </ul>				ng g	0. <u>0</u> ⊠ fee	et 🗌 meters	

L

## **ELEVATION CERTIFICATE**

SECTION D-SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION						
This certification is to be signed and sealed by a	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					oformation Loortify
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.						
	- ,				·' •2×82×8	*** <sub>5</sub> ,
Charle have if attack a set		re latitude and longitude in Section A vided by a licensed land surveyor?			C**5	A James
Check here if attachments.	· ·	~~~	vayoi r		S. S. Car	
	Yes [	No		-		12
Certifier's Name		License Num	iber	1: 4		
KEVIN M. RisCASSI		LS6433				CONSS
Title	Company Name			7 1	uz 9ª	agents
PROFESSIONAL SURVEYOR & MAPPER	JOHNSON ENG	INEERING. I	NC.	[ <sup>-</sup>	SEA	Indiana?
					JEP 2 6	ZUJA
Address	City	State	Zip Code		and the second	and the second
2122 JOHNSON STREET	FORT MYERS	FL	33901		- 14. MAR	Cert 1
Signature	Date	Teleph	one			
Na Rulat	SEP 2 6 20		4-0046			
provide la construction de la co	<u>-</u> U LU	10			******	
Conv. both sides of this Elevation Cartificate for (	1) community offici	ial (2) incurren	an agantlaam	and (3)	building owner	
Copy both sides of this Elevation Certificate for (			ce agenocom	any, and (5	) building owner.	
Comments (including type of equipment and loc				_		
PROJECT NUMBER 20150078 FB2803, PG						
CONCRETE PAD. ENGINEERED FLOOD	ENTS IN GARA	ge are "SN	IART VENTS	" WITH A P	NODEL NUMB	ER OF 1540-510.
Signature C. C.V			<b></b>		Date	EP 2 6 2016
			****	000-14000-00-00-00-00-00-00-00-00-00-00-00-00		Bas 14" Aur 64' 3 dy?
SECTION E-BUILDING ELEVATION INF	ORMATION (SUR	VEY NOT RE	QUIRED) FOR	R ZONE AO	AND ZONE A (	MITHOUT BFE)
For Zones AO and A (without BFE), complete It						
Sections A, B and C. For Items E1 -E4, use natu	ral grade, if availab	ole. Check the	measuremer	it used. In Pu	erto Rico only,	enter meters.
E.1 Provide elevation information for the following		propriate boxes	to show wheth	ner the elevat	ion is above or b	elow the
highest adjacent grade (HAG) and the lowest adj	acent grade (LAG)					
a) Top of bottom floor (including bosom)	ant aroutanana		T feet	- motora	□ above or	below the HAG
<ul> <li>a) Top of bottom floor (including baseme or enclosure) is</li> </ul>	ent, crawispace	······································		_] meters	CI above of	
b) Top of bottom floor (including baseme	ent, crawlspace		🗌 feet	meters	above or	below the HAG
or enclosure) is						
E2. For Building Diagrams 6-9 with permanent		ovided in Sect				
higher floor (elevation C2.b in the diagrams) of	f the building is	······································	🗌 feet	meters	above or	below the HAG
E3. Attached Garage (top of slab) is			🗌 feet	meters	above or	below the HAG
E4. Top of platform of machinery and / or equi	pm <b>en</b> t					(Minn)
servicing the building is			🔲 feet	meters	above or	below the HAG
En Zuer Annahalta di Li alla di Li	a sullable to the t			alta a *		محتمل مناسب الأربية المراجع المراجع
E5. Zone AO only: If no flood depth number is	available, is the to	p at the bottor	n noor elevate	ed in accorda	ance with the co	minunity's tioodplain
management ordinance.	known The local	l official must r	partify this infr	mation in 9	ection G	
	INTOWER THE IUGB		Secury und hite			
SECTION F -PROPE	RTY OWNER (OF	ROWNER'S F	EPRESENTA	TIVE) CER	TIFICATION	
annan Annan an				88410000101000000000000	www.concerner.fl/10010freesence.co	
The property owner or owner's authorized repre-	sentative who con	inletes Section	ns A. R. and F	for Zone A	(without a FEMA	-issued or
community-issued BFE) or Zone AO must sign						
Address			- , -, -,			<b></b>
e mener sector	City		State		ZIP C	ode
Cinnalum			Giaio			
Signature	Data		Talash	000		
	Date		Teleph			
Comments						
						horo if attachmants
						ck here if attachments

Page 4 of 15

SECTION G - CO	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.				
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 built AO.	ding located in Zone A	(without a FEN	A-issued or cor	nmunity-issued BFE) or Zone
G3. The following information (Items G4 -G10) is provide	ed for community flood	olain managem	nent purposes.	
G4. Permit Number G5. Date F	Permit Issued	G6. Date Certil	icate of Complia	ance/Occupancy Issued
G7. This permit has been issued for: Dew Construction	Substantial Improv	ement		,
G8. Elevation of as-built lowest floor (including basement) of the building:	🔲 fee	et 🔲 meters	Datum	
G9. BFE or (in Zone AO) depth of flooding at the building site:	[] fee	et 🗌 meters	Datum	
G10. Community's design flood elevation;	[] fee	et 🗌 meters	Datum	
Local Official's Name	Title			
Community Name	Telephone			
Signature	Date			
Comments				
			)	
			,	
				Check here if attachment
1				

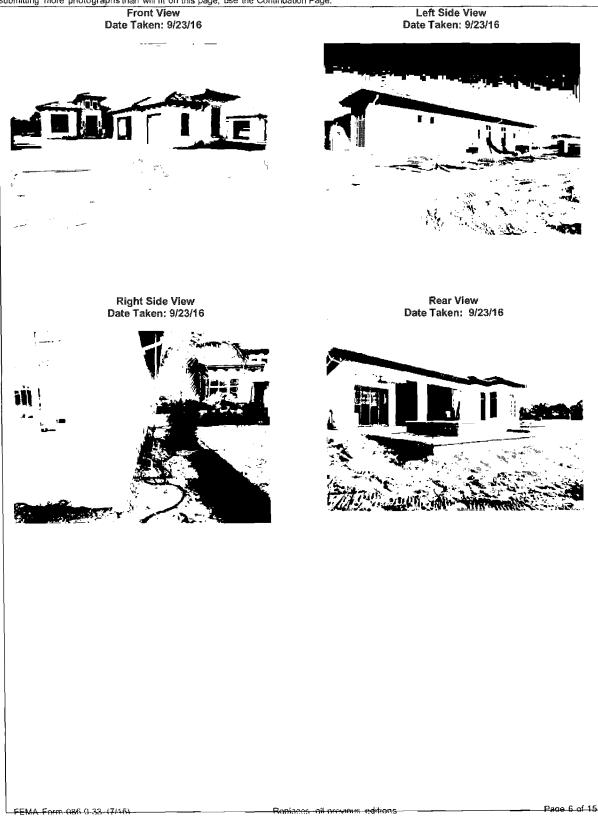
Page 5 of 15

#### **BUILDING PHOTOGRAPHS**

See instructions for Item A6

IMPORTANT: In these spaces, copy the correspond	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt., Unit, Suite, and 22220 LEFT BANK LANE PERMIT NUMBER: RI	Policy Number:		
City ESTERO	State FL	Zip Code 33928	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.





# **ICC-ES Evaluation Report**

THE REPORT OF A DESCRIPTION OF A DESCRIP

Most Widely Accepted and Trusted

## ESR-2074\*

Reissued December 1 2012

This report is subject to renewal February 1 2015.

WWW.icc.es.org | (800) 423-6587 | (562) 699-0643

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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 <u>www.shcarvenc.2286</u> http://www.shcarvenc.2286 http://www.shcarvence.2286

#### EVALUATION SUBJECT:

SMART VENT<sup>®</sup> AUTOMATIC FOUNDATION FLOOD VENTS: FLOODVENT<sup>™</sup> MODEL #1540-520; FLOODVENT<sup>™</sup> STACKING MODEL #1540-521; SMARTVENT<sup>™</sup> MODEL #1540-510; SMARTVENT<sup>™</sup> STACKING MODEL #1540-571; WOOD WALL FLOOD MODEL #1540-570; WOOD WALL FLOOD OVERHEAD DOOR MODEL #1540-574; FLOODVENT<sup>™</sup> OVERHEAD DOOR MODEL #1540-524; SMARTVENT<sup>™</sup> OVERHEAD DOOR MODEL #1540-514

#### 1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2009 and 2006 international Building Code<sup>®</sup> (IBC):
- # 2009 and 2006 International Residential Code<sup>®</sup> (IRC)

#### Properties evaluated:

- Physical operation
- Water flow
- 2.0 USES

The Smart Vent<sup>4</sup> units are automatic foundation iluod vents (AFFVs) employed to equalize hydrostatic pressure on nonfire-resistance-rated foundation walls, rolling-type overhead doors and building walls subject to rising or falling flood waters. The Smart Vent<sup>4</sup> units are intended for use where flood hazard areas have been established in accordance with IBC Section 1612.3 or IRC Section R3222.1. Certain models also allow natural ventilation in accordance with Section 1203 of the IBC or Section 403 ; of the IRC

#### 3.0 DESCRIPTION

#### 3.1 Ceneral:

When subjected to pressure from rising water the Smart Vent' AFFVs disengage then pivot open to allow flow in either direction to equalize water level and hydrostatic A Subsidiary of the International Code Council<sup>®</sup>

pressure nom one side of the initiation to the other. The AFFV pivoting door is nominally held in the closed position by a buoyant release device. When subjected to rising water the buoyant release device causes the unit to unitable likewing the plate to rotate out of the way and allow flow. The vater level stabilizes equalizing the lateral forces. Each unit is fabricated from stanless steel. The SmanYENT<sup>106</sup> Stacking Model #1549-511 and FloodVENT<sup>106</sup> Stacking Model #1549-521 units each contain two vertically artimized openings per out.

#### 3.2 Engineered Opening:

The AFFVs comply with the design principle incled in Section 2.0.2.2 of ASCE/SEI 24 for a maximum rate of rise and fail of 5.0 feet per hour 10.423 min/s). In order to comply with the angineered opening requirement of ASCE/SEI 24, Smart Vent AFFVs must be installed in accordance with Section 4.0.

#### 3.3 Model Sizes:

The FlocdVENT<sup>114</sup> Model #1540-520 SmartVENT<sup>114</sup> Model #1540-510, FloodVENT<sup>114</sup> Overhead Ocon Model #1540-524 and SmartVENT<sup>114</sup> Overhead Ocon Model #1540-514 units measure  $(5)_{14}$  inches wide by  $7^{2}t_{4}$  inches high (400 by 196.9 mm). The Wood Wall Flood Model #1540-570 and Wood Wall Flood Overhead Door Model #1540-574 units measure 14 inches wide by  $8^{2}t_{4}$  inches high (355.6 by 222.25 mm). The SmartVENT<sup>104</sup> Stacking Model #1540-511 and FloodVENT<sup>104</sup> Stacking Model #1540-521 units measure 16 inches wide by 16 inches high (406.4 by 406.4 inm).

#### 3.4 Ventilation:

The SmartVENT® Model #1540-510 and SmartVENT® Overhead Door Model #1540-514 both have screen covers with "Jainch-by-"Jainch (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 AFEVs recognized in this report do not offer natural ventilation.

#### 4.0 INSTALLATION

SmartVENT<sup>4</sup> and FloodVENT<sup>16</sup> are designed to be installed into walls or overhead doors or existing or new construction from the exterior side installation of the vents must be in accordance with the manufacturiens instructions the applicable code and this report. The mounting shaps allow mounting in wood masching and

"Revised July 2013

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concrete walls up to 12 inches (305 mm) thick. In order to comply with the engineered opening design principle noted in Section 2.6.2.2 of ASCE/SEI 24, the Smart Vent<sup>®</sup> AFFVs must be installed as follows:

- With a minimum of two openings on different sides of each enclosed erea.
- With a minimum of one AFFV for every 200 square feet (18.6 m<sup>2</sup>) of enclosed area except that the Smart//ENT<sup>MA</sup> Stacking Model #1540-511 and Flood/VENT<sup>MA</sup> Stacking Model #1540-521 must be installed with a minimum of one AFFV for every 400 square feet (37.2 m<sup>2</sup>) of enclosed area.
- 9 Below the base flood elevation
- With the bottom of the AFEV located a maximum of 12 inches (305.4 mm) above grade

#### 5.0 CONDITIONS OF USE

The Smart Vent<sup>®</sup> AFFVs described in this report complewith, or are suitable attenuatives to what is specified in, dose codes listed in Section 1.0 of this report subject to the following conditions

- 5.1 The Smart Vent<sup>5</sup> AFEVs must be installed in accordance with this report the applicable code and the manufacturer's restallation instructions. In the event of a conflict the instructions in this report govern.
- 5.2 The Smart Vent<sup>®</sup> AFEVs must not be used in the place of "breakaway walls in boastal brigh hazard areas, but are permitted for use in conjunction with breakaway walls in other creas.

#### **3.0 EVIDENCE SUBMITTED**

Data in accordance with the ICC-ES Acceptance Oriteba for Automatic Foundation Flood Vents (AC364), dated October 2007

#### 7.0 IDENTIFICATION

The Smart VENT<sup>1</sup> models recognized in this recommutative being the identified by a label bearing the manufacturer's name (Smartveni Products Inc.), the model number, and the evaluation report common ( $\Xi SR-207$  ).



## Most Widely Accepted and Trusted

## **ICC-ES** Evaluation Report

ESR-2074 FBC Supplement Issued July 1 2013

This report is subject to renewal February 1, 2015

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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) 441-8369 www.smartvent.com in/ce@smartvent.com

EVALUATION SUBJECT:

SWART VENT<sup>3</sup> AUTOMATIC FOUNDATION FLOOD VENTS: (FLOODVENT<sup>™</sup> MODEL #1540-520; FLOODVENT<sup>™</sup> STACKING MODEL #1540-521; SMARTVENT<sup>™</sup> MODEL #1540-510; SMARTVENT<sup>™</sup> STACKING MODEL #1540-511; WOOD WALL FLOOD WODEL #1540-570; WOOD WALL FLOOD OVERHEAD DOOR MODEL #1540-574; FLOODVENT<sup>™</sup> OVERHEAD DOOR WODEL #1540-524: SMARTVENT<sup>™</sup> OVERHEAD DOOR MODEL #1540-514

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent<sup>®</sup> Automatic Foundation Flood Vents recognized in ICC-ES master report ESR-2014, have also been evaluated for compliance with the codes noted below.

#### Applicable code editions:

- 2010 Florida Building Code—-Building (FBC);
- # 2010 Florida Building Code—Residential (FRC)

#### 2.0 CONCLUSIONS

The Smart Vent<sup>®</sup> 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<sup>4</sup> provisions noted in the master report.

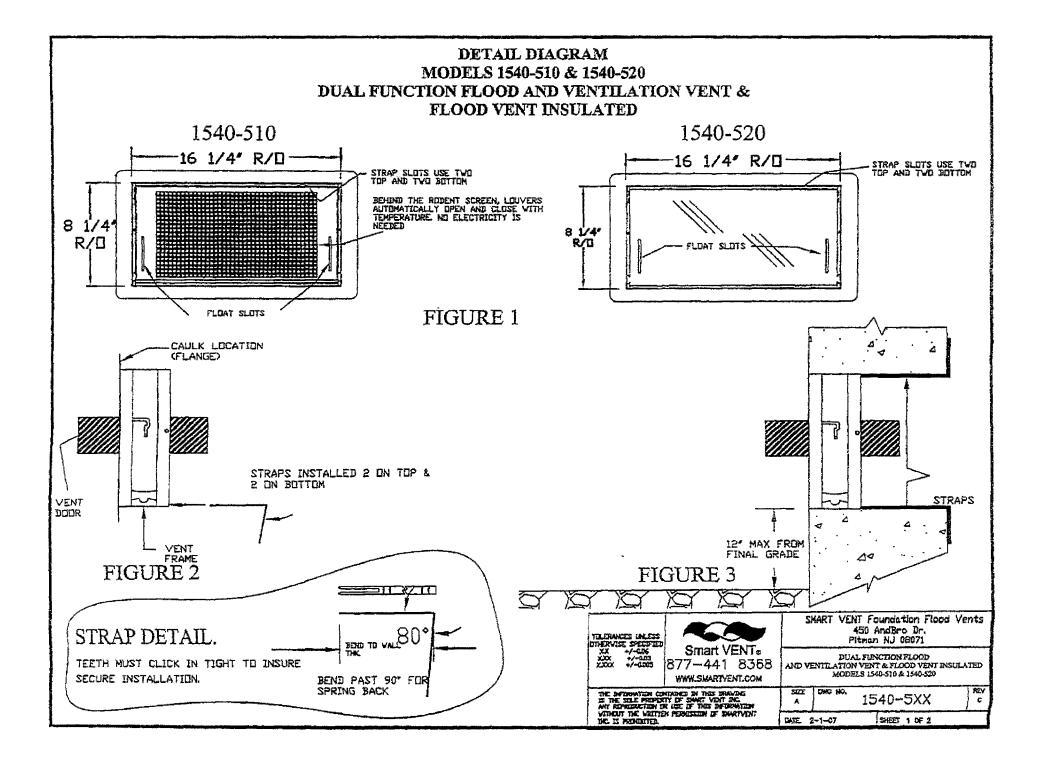
Use of the Smart Vent<sup>2</sup> Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the FBC and the FRC for structures not subject to FBC Section 2326.3 For FRC Section 4409.13.3 F as applicable

For products failing under Florida Rule 3N-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 for the code official when the report holder does not possess an approval by the Commission:

This supplement expires concurrently with the master report, reissued December 7, 2012, revised buy 2015









# INSTALLATION INSTRUCTIONS & DETAILS MODELS 1540-510 & 1540-520 DUAL FUNCTION FLOOD AND VENTILATION VENT & FLOOD VENT INSULATED

REV. C 05-01-09

# **INSTALLATION INSTRUCTIONS**

- 1. Remove vent door from vent frame. (Turn upside down, rotate bottom of door outward and slide out)
- 2. Prepare a CLEAN 16.25" wide by 8.25" high rough opening (approx. 1 block wide X 1 block high) for each vent. Ensure the bottom of the rough opening is no more than 12" above the finished inside or outside grade whichever is higher
- 3. Apply a bead of polyurethane caulk around the back of the flange on the vent frame. (FIG. 2)
- 4. Bend the 4 steel straps to the thickness of the wall measuring from the end with the teeth see STRAP DETAIL
- 5. Insert the top straps into the top two strap slots about two clicks.
- 6. Insert the vent frame in the cut opening. The bent strap ends go in then up behind the inside of the wall. Push the frame tight against the face of the wall. Ensure the frame is flush and square in the opening. (FIG. 3)
- 7. Reach through the vent opening and click the two straps in while holding the front of the vent against the wall face. The sharp point of the straps should not extend past the front of the vent face. Install the two remaining bottom straps.
- 8. Re-check that frame is square and slots are clear of debris, and caulk.
- 9. Install the door into frame by grasping the bottom of door (with float pins down) and front (small screen in front). Slide door into frame and rotate until it is latched.
- 10. To open the door insert two credit cards into the float slots as shown in the diagram. This will unlatch the door for removal and cleaning.

MODEL 1540-510	MODEL 1540-520
DETAILED SPECIFICATIONS: MATERIAL: STAINLESS STEEL OPERATION FLOOD; AUTOMATIC NON-POWERED ACTIVATION AND OPERATION	DETAILED SPECIFICATIONS
VENT REMAINS CLOSED AND LOCKED UNTIL ACTIVATED OPERATION MR: ALITOMATIC LOUVERS FULLY OPEN AT 75 DEG. FULLY CLOSED AT 35 DEG. NO POWER REQUIRED	MATERIAL STAINLESS STEEL OPERATION: AUTOMATIC NON-POWERED ACTIVATION AND OPERATION INSTALLATION:
INSTALLATION: SECURED W/ 4 STAINLESS STEEL STRAPS SUPPLIED HYDROSTATIC RELEP: 200 Sq. Pt per Vent VENTLATION: 51 Sq. In. per Vent NOTE: VAPOR BARRIER ALLOWS FOR REDUCED VENTILATION	SECURED W/ 4 STAINLESS STEEL STRAPS SUPPLIED HYDROSTATIC RELIEF: 200 Sq. FL por Vont REQUIREMENTS: MINIMUM OF 2 VENTS PER ENCLOSED AREA MOUNTED ON AT LEAST TWO DIFFERENT WALLS
REQUIREMENTS FLOOD; MINIMUM OF 2 VENTS PER ENCLOSED AREA MOUNTED ON AT LEAST TWO DIFFERENT WALLS COLDRS: STAINLESS (STANDARD) EXTERIOR POWDER COATED WHITE, WHEAT, DRAY, AND BLACK (AVAILABLE)	COLORS: STAINLESS (STAINLARD) EXTERIOR POWDER COATED WHITE, WHEAT, GRAY, AND BLACK (AVAILABLE)

MEETS THE REQUIREMENTS FOR ENGINEERED OPENINGS AS SET FORTH BY:

FEMA, NFIP, ICC, & ASCE

## SUPPORTIVE DOCUMENTS, TB 1-08, 44CFR 60.3(C)(5), ASCE 24-05 ICC EVALUATION # ESR-2074 EVALUATED UNDER AC-364

SHEET 2 OF 2