U.S. DEPARTMENT OF HOMELAND SECURITY FEDERAL EMERGENCY MANAGEMENT AGENCY National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008

Expiration Date: July 31, 2015

		SECTI	ON A - PR	OPERTY INFO	RMATIC	NC		
A1. Building Owner's Name Fra	ank Laverde					4	$A_{\parallel} = e^{-i\omega}$	
A2. Building Street Address (incl 441 N. Thurlow Ave.	luding Apt., L	Jnit, Suite, and/or B	ildg. N o.) or P	.O. Route and B	ox No.		1931-143	A Control (Control Control Con
City CITY OF MARGATE C	YTI		State	NJ ZIP Co	de 08402	2		
A3. Property Description (Lot an BLOCK 520 LOT 12	nd Block Num	nbers, Tax Parcel N	umber, Legal	Description, etc.)		TD)	
A4. Building Use (e.g., Resident A5. Latitude/Longitude: Lat. N 3: A6. Attach at least 2 photograph A7. Building Diagram Number 8 A8. For a building with a crawlsp a) Square footage of crawls b) Number of permanent for or enclosure(s) within 1.0	19.3308 Long ns of the build 8 pace or enclospace or enclospace or encodo openings 0 foot above	g. W 074.5156 Hording if the Certificate osure(s): closure(s) s in the crawlspace adjacent grade	izontal Datum	i: ∐ NAD 1927 d to obtain flood A9. Fo i: a) b)	insurance or a build) Square) Number	e. ing with an attac e footage of attac	ched gara flood oper djacent gr	ge <u>N/A</u> sq ft nings in the attached garage ade <u>N/A</u>
c) Total net area of flood ord) Engineered flood opening	ngs?	Yes No	<u>2000</u> sq ii	d)) Engine	eered flood oper	nings?	☐ Yes ☐ No
		ION B – FLOOD	INSURANC	E RATE MAP	(FIRM) I	NFORMATIO	N	
B1. NFIP Community Name & Control City OF MARGATE 34530		umber	B2. County N	Name COUNTY			B3. State NJ	
B4. Map/Panel Number B	35. Suffix	B6. FIRM Index D	Effe	B7. FIRM Panel ctive/Revised Da 10/18/1983	ate	B8. Flood Zone(s) A8	B9. B	ase Flood Elevation(s) (Zone O, use base flood depth) 10
B10. Indicate the source of the B	FIRM [sed for BFE in	☐ Community Detention Det	ermined /D 1929	☐ Other/Sou	ırce: 88 🔲	Other/Source:		□ Yes ⊠ No
12. Is the building located in a v	Coastai Daiii	er Resources Syste	em (CBRS) ai	ea or Otherwise	Protecte	d Area (OPA)?		☐ Yes
Designation Date:			☐ CBK2	☐ OPA				
Designation Date:	SECTION	N C – BUILDING	ELEVATIO	N INFORMATI	ON (SU	RVEY REQUI	RED)	
C1. Building elevations are base *A new Elevation Certificate C2. Elevations – Zones A1–A30, below according to the buildi Benchmark Utilized: private	SECTION ed on: will be require , AE, AH, A (ling diagram sections	Construction Dred when construction with BFE), VE, V1–specified in Item A7	ELEVATION rawings* on of the build V. In Puerto Rivertical Distriction of the build Vertical Distriction of the build through h) be	N INFORMATI ☐ Building ding is complete. BFE), AR, AR/A, co only, enter me leatum: NGVD 19 low. ☑ NGVD 1	Under Co AR/AE, A eters.	RVEY REQUITED TO THE REPORT OF THE REPO	RED) ⊠ Fii /AH, AR/A	nished Construction . O. Complete Items C2.a-h
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IMPORTANT: In these spaces,	copy the corresponding info	ormation from Se	ection A.	11.077	reidirar(els oto)altraxk/fitslik
Building Street Address (including Ap 441 N. Thurlow Ave.	t., Unit, Suite, and/or Bldg. No.) o	or P.O. Route and Bo	ox No.	17/61 1	lymint like to the second of t
City MARGATE		State NJ ZIF	Code 08402		be valencing a strong
SECTIO	N D – SURVEYOR, ENGINEE	R, OR ARCHITE	CT CERTIFICATION	ON (CONTIN	IUED)
Copy both sides of this Elevation Cer	tificate for (1) community official,	(2) insurance agent/	company, and (3) bu	ilding owner.	
Comments *A8b.) USA FLOOD/AIR VENT engit ***C2a.) crawlspace ****C2e.) exterior air unit elevation is	Technological description of the control of the con				
Signature		Date 5/1	/14		
SECTION E – BUILDING ELI	EVATION INFORMATION (SU	URVEY NOT REC	UIRED) FOR ZO	NE AO AND	ZONE A (WITHOUT BFE)
 b) Top of bottom floor (including E2. For Building Diagrams 6–9 with (elevation C2.b in the diagrams E3. Attached garage (top of slab) is E4. Top of platform of machinery a E5. Zone AO only: If no flood dept 	grade, if available. Check the meen the following and check the appliacent grade (LAG). g basement, crawlspace, or enclor basement, crawlspace, or enclor permanent flood openings provides) of the building is feet rad/or equipment servicing the built number is available, is the top or	easurement used. In propriate boxes to show the sure) is ded in Section A Item feet meter meters above or Iding is If the bottom floor electropropriate boxes to show the section of the	Puerto Rico only, enow whether the election whether the election in the second	nter meters. ration is above leters	or below the highest adjacent ve or ☐ below the HAG. ve or ☐ below the LAG. structions), the next higher floor G. r ☐ below the HAG.
	Unknown. The local official m		nation in Section G.		
	N F – PROPERTY OWNER (C				
The property owner or owner's autho	rized representative who complete	es Sections A, B, an	nd E for Zone A (with		
The property owner or owner's autho	rized representative who complete ements in Sections A, B, and E ar	es Sections A, B, an	nd E for Zone A (with		
The property owner or owner's autho or Zone AO must sign here. The state roperty Owner's or Owner's Authori	rized representative who complete ements in Sections A, B, and E ar	es Sections A, B, an	nd E for Zone A (with		
The property owner or owner's autho or Zone AO must sign here. The state	rized representative who complete ements in Sections A, B, and E ar	es Sections A, B, an re correct to the best	nd E for Zone A (with	out a FEMA-is	sued or community-issued BFE)
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ESR-3907

issued 10/2016 This report is subject to renewal 10/2017.

DIVISION: 08 00 00—OPENINGS

SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

REPORT HOLDER:

USA FLOOD AIR VENTS, LTD.

63 PUTNAM STREET, SUITE 202 SARATOGA SPRINGS, NEW YORK 12866

EVALUATION SUBJECT:

USA FLOOD AIR VENTS: MODELS FOSS; FASS; FOAL; FAAL; ROAL



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5.0 CONDITIONS OF USE

The USA Flood Air Vents 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 USA Flood Air Vents flood vents 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 USA Flood Air Vents flood vents must not be used in place of "breakaway walls" in coastal high hazard areas, but are permitted for use in conjunction with breakaway walls in other areas.

6.0 EVIDENCE SUBMITTED

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

7.0 IDENTIFICATION

The USA Flood Air Vents models recognized in this report are identified by a label bearing the manufacturer's name, the model designation, and the evaluation report number (ESR-3907).

TABLE 1-USA FLOOD AIR VENTS

Model Designation	VENT SIZE (Width x Height) (in)	ROUGH OPENING SIZE (Width x Height) (in)	ENCLOSED AREA COVERAGE (ft²)	FLAP NET FREE AREA ¹ (in ²)
FO\$\$	18 x 10	15 ¹ / ₂ x 7 ¹ / ₂	252	None
FASS	18 x 10	151/2 × 71/2	252	28
FOAL	18 x 10	15 /2 x 7 /2	252	None
FAAL	18 x 10	15 ¹ / ₂ × 7 ¹ / ₂	252	37
ROAL	16³/ ₈ x 10	13'/ ₈ × 7'/ ₂	224	None

For SI: 1 inch = 25.4 mm

¹Net free area in the vent flap for under-floor space ventilation.

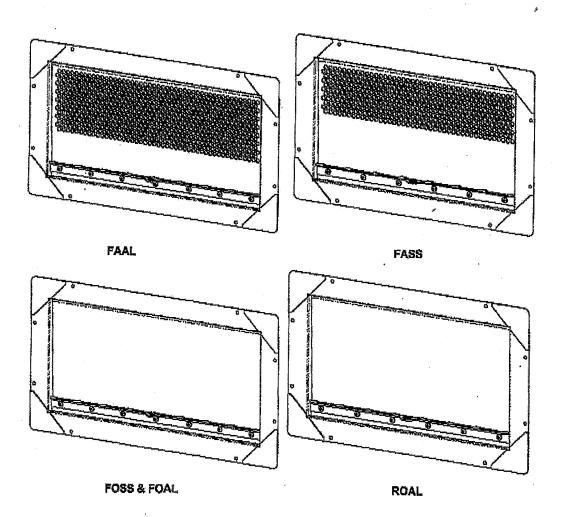


FIGURE 1-USA FLOOD AIR VENTS