



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

ACME Engineering and Manufacturing Corporation

1820 N. York Street

Muskogee, OK 74403

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series PV Aluminum Rooftop Exhaust Fans

APPROVAL DOCUMENT: Drawing No. **686760**, titled "PV Hurricane Fans" sheets 1 through 3 of 3, dated 08/10/2010 and 04/12/2010, with revision I dated 02/17/2026, prepared by ACME Engineering and Manufacturing Corporation, signed and sealed by Bala Sockalingam, Ph. D., P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

LIMITATION: This fan cannot be installed within the ridge area, FBC 1523.6.5.2.13.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews and revises** NOA # **25-0428.06** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**




05/05/26

NOA No. 26-0409.02
Expiration Date: May 5, 2031
Approval Date: May 14, 2026
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA's

A. DRAWINGS “Submitted under NOA # 15-1118.04”

1. Drawing No. **686760**, titled “PV Hurricane Fans” sheets 1 through 3 of 3, dated 08/10/2010 and 04/12/2010, with revision D dated 08/24/2015, prepared by ACME Engineering and Manufacturing Corporation, signed and sealed by Richard O. Boyette, P.E.

B. TESTS “Submitted under NOA # 15-1118.04”

1. Test report on Uniform Static Air Pressure Test per FBC, TAS 202-94 of CH62 and CH68 Roof Curbs, prepared by Intertek/Architectural Testing, Inc., Test Report No. **E1749.01-801-44**, dated 11/05/2014, with Revision 1 dated 07/16/2015, signed and sealed by Joseph A. Reed, P.E.

“Submitted under NOA # 11-0114.02”

2. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94,
3) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of four Model PV Aluminum Roof Mounted Exhaust Fans, prepared by Architectural Testing, Inc., Test Report No. **90350.03-801-18**, dated 12/02/2010, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS “Submitted under NOA # 15-1118.04”

1. Anchor verification calculations, prepared by Rick Boyette Consulting, Inc, dated 10/28/2015, signed and sealed by Richard Boyette, P.E.

“Submitted under NOA # 11-0114.02”

2. Anchor verification calculations, prepared by Rick Boyette Consulting, Inc, dated 12/30/2010, signed and sealed by Richard Boyette, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS “Submitted under NOA # 15-1118.04”

1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Rick Boyette Consulting, Inc, dated 10/28/2015, signed and sealed by Richard Boyette, P.E.
2. No financial interest letter issued by Rick Boyette Consulting, Inc, dated 11/05/2015, signed and sealed by Richard Boyette, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 26-0409.02
Expiration Date: May 5, 2031
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under NOA # 18-0620.07

A. DRAWINGS

1. Drawing No. **686760**, titled “PV Hurricane Fans” sheets 1 through 3 of 3, dated 08/10/2010 and 04/12/2010, with revision E dated 04/16/2018, prepared by ACME Engineering and Manufacturing Corporation, signed and sealed by Richard O. Boyette, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations prepared by Rick Boyette Consulting, Inc, dated 05/22/2018, signed and sealed by Richard Boyette, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 6th edition (2017) FBC issued by Rick Boyette Consulting, Inc, dated 05/22/2018, signed and sealed by Richard Boyette, P.E.
2. Statement letter of no financial interest letter issued by Rick Boyette Consulting, Inc, dated 05/26/2018, signed and sealed by Richard Boyette, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 26-0409.02
Expiration Date: May 5, 2031
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under NOA # 21-0325.02 and new

A. DRAWINGS

1. Drawing No. **686760**, titled “PV Hurricane Fans” sheets 1 through 3 of 3, dated 08/10/2010 and 04/12/2010, with revision G dated 01/27/2025, prepared by ACME Engineering and Manufacturing Corporation, signed and sealed by Richard Boyette, P.E. on 03/10/2025.

B. TESTS

1. None.

C. CALCULATIONS “Submitted under NOA # 21-0325.02”

1. Anchor verification calculations prepared by Rick Boyette Consulting, Inc, dated 05/22/2018, signed and sealed by Richard Boyette, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by Rick Boyette Consulting, Inc, dated 03/10/2025, signed and sealed by Richard Boyette, P.E.
2. Statement letter of no financial interest issued by Rick Boyette Consulting, Inc, dated 03/10/2023, signed and sealed by Richard Boyette, P.E.

“Submitted under NOA # 21-0325.02”

3. Statement letter of code conformance to the 7th edition (2020) of the FBC issued by Rick Boyette Consulting, Inc, dated 03/11/2021, signed and sealed by Richard Boyette, P.E.
4. Statement letter of no financial interest letter issued by Rick Boyette Consulting, Inc, dated 03/11/2021, signed and sealed by Richard Boyette, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 26-0409.02
Expiration Date: May 5, 2031
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS

2. Drawing No. **686760**, titled “PV Hurricane Fans” sheets 1 through 3 of 3, dated 08/10/2010 and 04/12/2010, with revision I dated 02/17/2026, prepared by ACME Engineering and Manufacturing Corporation, signed and sealed by Bala Sockalingam, Ph. D., P.E.

B. TESTS

1. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94,
along with marked-up drawings and installation diagram of four Model PV Aluminum Roof Mounted Exhaust Fans, prepared by Advanced Construction Testing, LLC, Test Report No. **25-9492.01-ACT-005-r0**, dated 02/05/2026, signed and sealed by Brett T. Fagan, P.E.

C. CALCULATIONS

1. Anchor verification calculations prepared by Bala Sockalingam, Ph.D., P.E., dated 03/10/2026, signed and sealed by Bala Sockalingam, Ph.D., P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

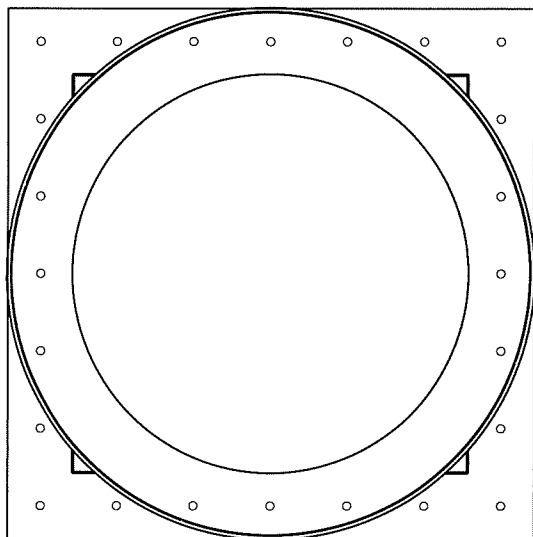
1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by Bala Sockalingam, Ph.D., P.E., dated 03/10/2026, signed and sealed by Bala Sockalingam, Ph.D., P.E.
2. Statement letter of no financial interest issued by Bala Sockalingam, Ph.D., P.E., dated 03/10/2026, signed and sealed by Bala Sockalingam, Ph.D., P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 26-0409.02
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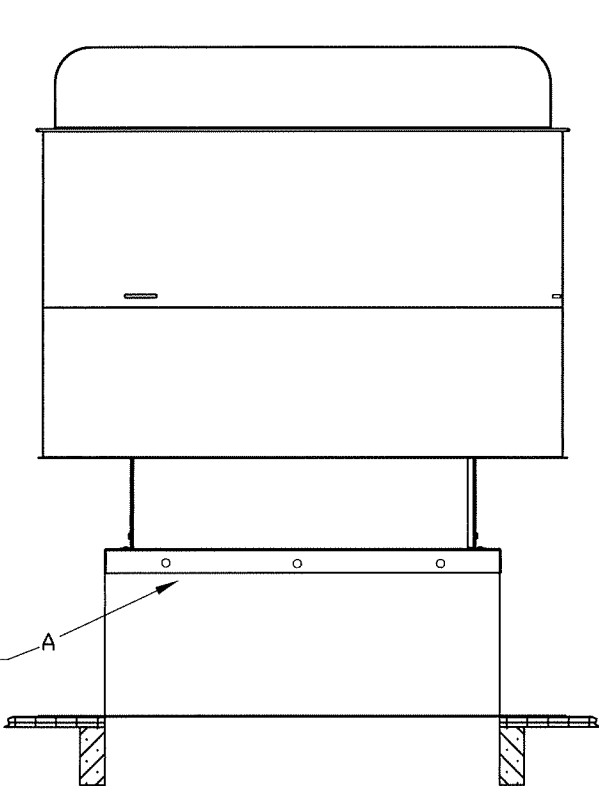
The following pages in this document were submitted by the manufacturer (third party) to represent the product being approved and establish the limits of use. The pages may include technical drawings, schematics and installation details.

Large Missile Impact Resistant
Max rated design pressure : +150.0 / -150.0 PSF

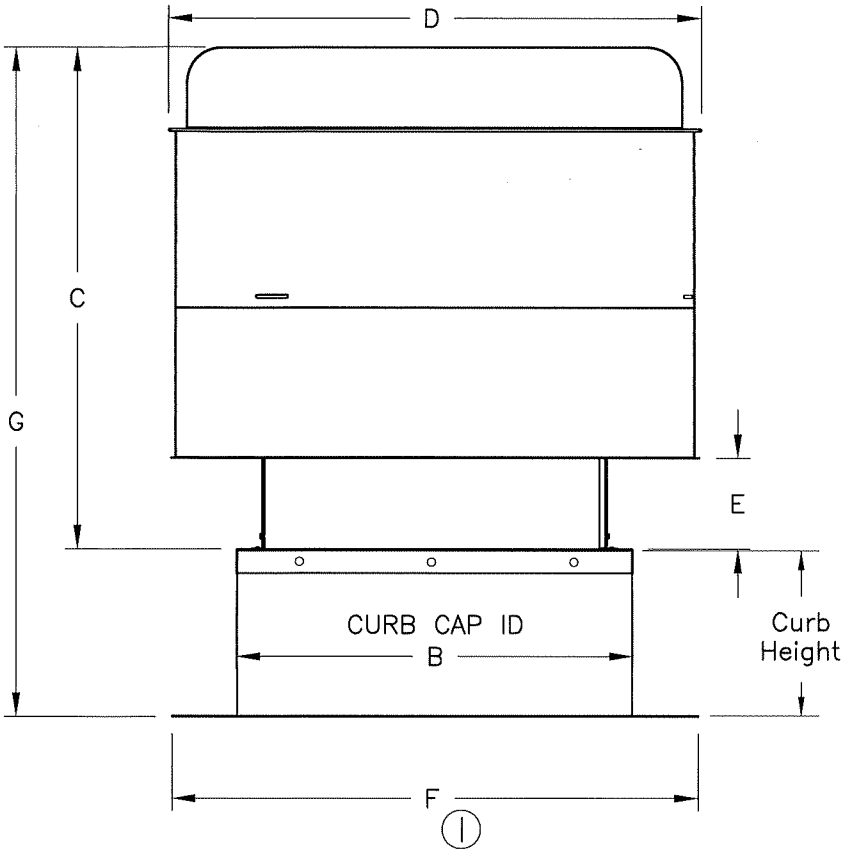


Plan View - Installation

Fan Curb to Roof Curb
Connection
1/4" sheet metal screws
on minimum 6" centers



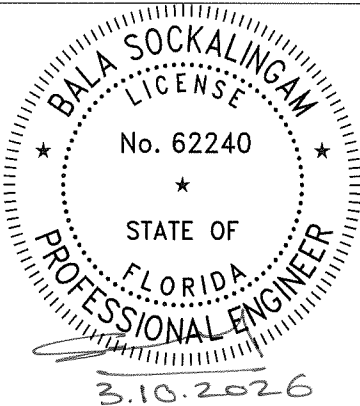
Elevation View - Installation



Dimensions (Inches)

- General Notes:
1. Product evaluated in accordance with requirements of 2023 FBC (8th Edition), ASCE 7-22
 2. Roof structure must be designed for weight of unit and wind load reactions transferred from the unit.
 3. Product evaluated for the structural capacity of the exterior housing only. Interior mechanisms and/or electrical components have not been evaluated.
 4. Rooftop exhaust fan has not been tested for wind driven rain per FBC TAS 100(A).
 5. All fasteners must be corrosion resistant. Installation anchors to be protected from water intrusion.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **26-0409.02**
Expiration Date **05/05/2031**
By 
Miami-Dade Product Control



Bala Sockalingam, Ph.D., P.E.
1216 N Lansing Ave, Suite C
Tulsa, OK 74106
918-492-5992

①												
			Bolt Count	Fan Dimensions (Inches)						Curb Dimensions		Fan + Curb
Model			A	B	C	D	E	F	G (Max)	Curb Height	Curb Material	Weight (lbs.)
PV075	PV085	PV100	12	19.50	23.62	23.67	3.44	23.75	63.62	8 to 40	18 ga. G90 galv.	82
PV120	PV135		12	19.50	26.75	29.38	4.06	23.75	66.75	8 to 40	18 ga. G90 galv.	83
PV150	PV165		12	22.50	30.96	35.14	5.19	26.50	70.96	8 to 40	18 ga. G90 galv.	123
PV180	PV200		16	26.50	35.40	39.60	6.19	30.50	75.40	8 to 40	18 ga. G90 galv.	202
PV220	PV240		20	32.50	38.39	46.49	7.75	36.50	78.39	8 to 40	18 ga. G90 galv.	250

DWG NO. 686760 Sheet 1/3

TITLE PV HURRICANE FANS

MAT'L
DRAFTER TCR DATE 08/10/10
DESIGN ENG. TCR 08/10/10 RELEASED
CHKD BY MFG. SCALE NTS

LET.	REVISION RECORD	BY	CKD.	DATE
B	Updated FBC to '2010 FBC SEC 1620.6 ' on Sheet 1	BPF	TCR	6/28/12
C	UPDATED FBC TO 2014 ON SHEET 1	TCR	TGB	5/28/15
D	REVISED FOR 42" TALL CURBS	TCR	TGB	8/24/15
E	REVISED FOR 2017 FBC	MTJ	AS	4/16/18
F	REVISED FOR 2020 FBC	MTJ	AS	1/21/21
G	REVISED FOR 2023 FBC	MTJ	AS	1/27/25
H	INCREASED DESIGN PRESSURE TO +150 / -150 PSF	MTJ	AS	1/28/26
I	UPDATED MOUNTING FLANGE DIMS. MAT'L THICKNESS	MTJ	AS	2/17/26

Acme Engineering &
Manufacturing Corp.
1820 N. York Street
Muskogee, OK 74403
918-682-7791

Item#	Qty.	Description	75	85	100	120	135	150
1	1	Hood	.050" aluminum	.050" aluminum	.050" aluminum	.050" aluminum	.050" aluminum	.050" aluminum
2	1	Windband	.080" aluminum	.080" aluminum	.080" aluminum	.080" aluminum	.080" aluminum	.080" aluminum
3	1	Motor						
4	1	Motor Base Support	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.
5	1	Motor Base	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.
6	1	Separator Pan	18 ga. G90 galv.	18 ga. G90 galv.	18 ga. G90 galv.	18 ga. G90 galv.	18 ga. G90 galv.	18 ga. G90 galv.
7	1	Disconnect Switch						
8	2	Birdscreen	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.
9	1	Wheel						
10	1	Curb Cap	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.
11	1	Windband Reinforcement	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.
12	Δ	1/4" -20 Nuts and Bolts	4 Per Flange Union	4 Per Flange Union	4 Per Flange Union	4 Per Flange Union	4 Per Flange Union	5 Per Flange Union

Item#	Qty.	Description	165	180	200	220	240
1	1	Hood	.050" aluminum	.050" aluminum	.050" aluminum	.050" aluminum	.050" aluminum
2	1	Windband	.080" aluminum	.080" aluminum	.080" aluminum	.080" aluminum	.080" aluminum
3	1	Motor					
4	1	Motor Base Support	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.	10 ga. G90 galv.	10 ga. G90 galv.
5	1	Motor Base	14 ga. G90 galv.	14 ga. G90 galv.	14 ga. G90 galv.	10 ga. G90 galv.	10 ga. G90 galv.
6	1	Separator Pan	18 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.
7	1	Disconnect Switch					
8	2	Birdscreen	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.
9	1	Wheel					
10	1	Curb Cap	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.
11	1	Windband Reinforcement	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.	16 ga. G90 galv.
12	Δ	1/4" -20 Nuts and Bolts	5 Per Flange Union	5 Per Flange Union	5 Per Flange Union	6 Per Flange Union	6 Per Flange Union

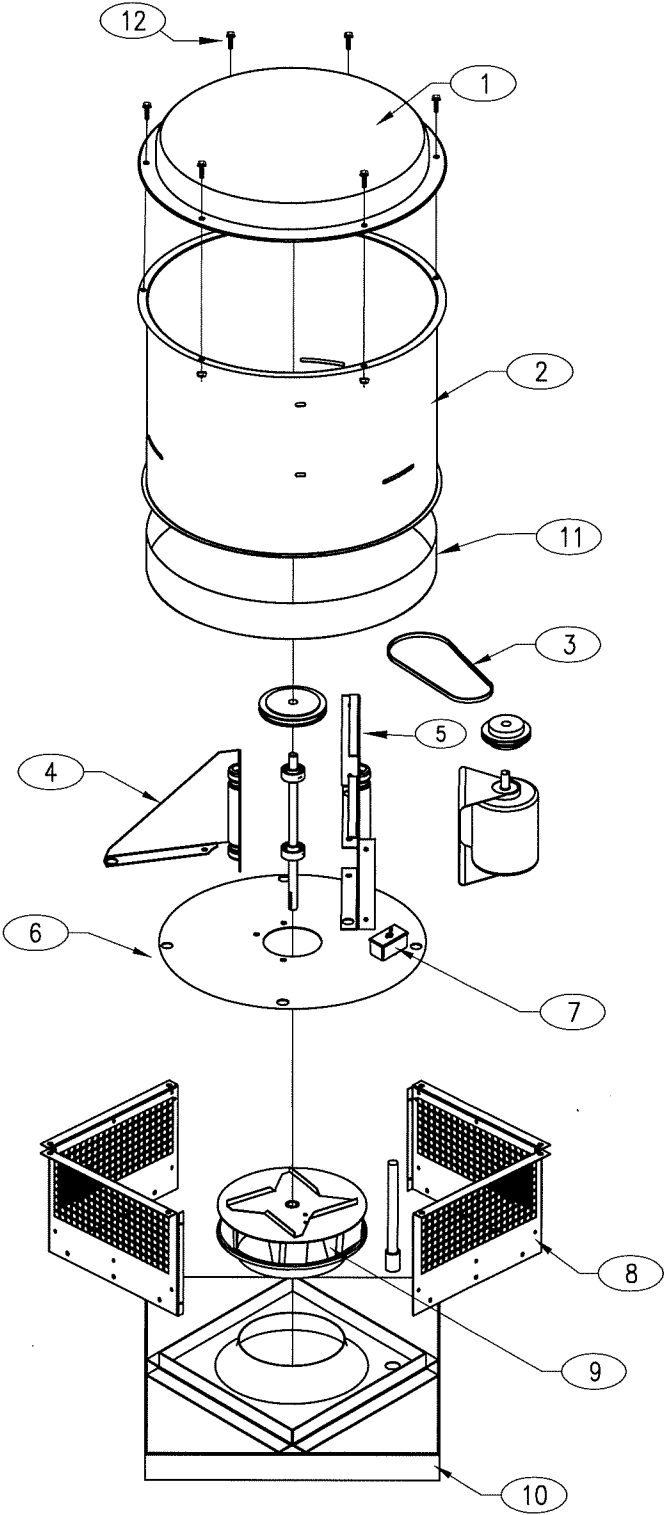
* Steel material gages shown are nominal.
Aluminum thicknesses shown are nominal.
Actual thicknesses will vary in accordance
with industry standard tolerances.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **26-0409.02**
Expiration Date **05/05/2031**
By 
Miami-Dade Product Control



Bala Sockalingam, Ph.D., P.E.
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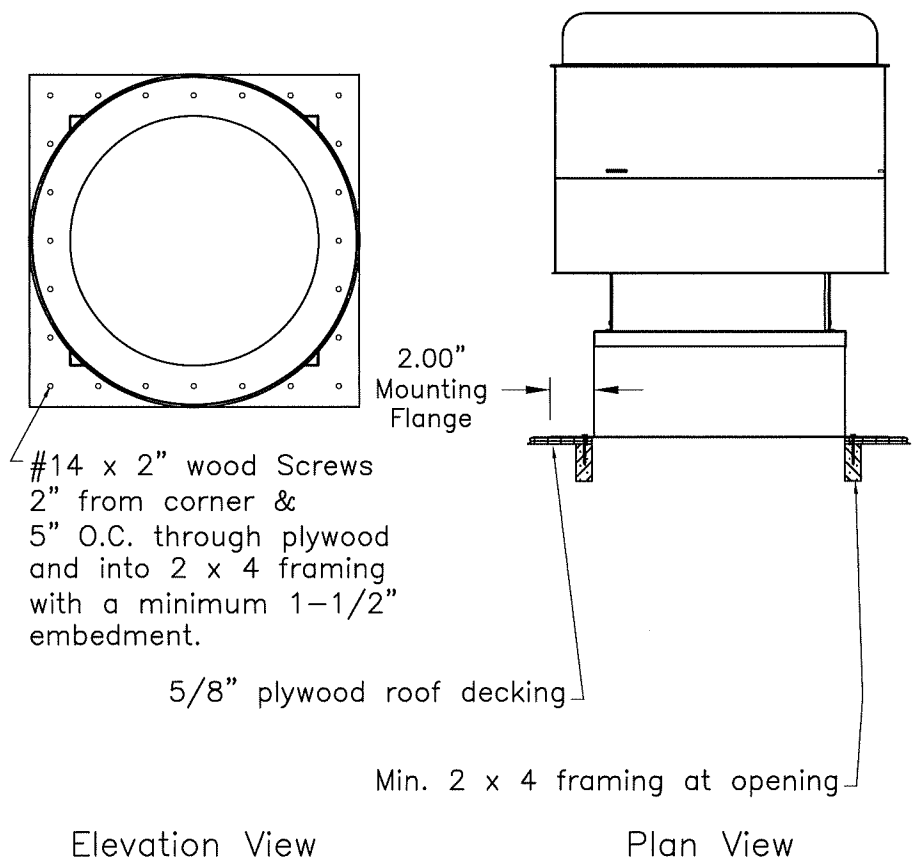
PV075 – PV240 Fans



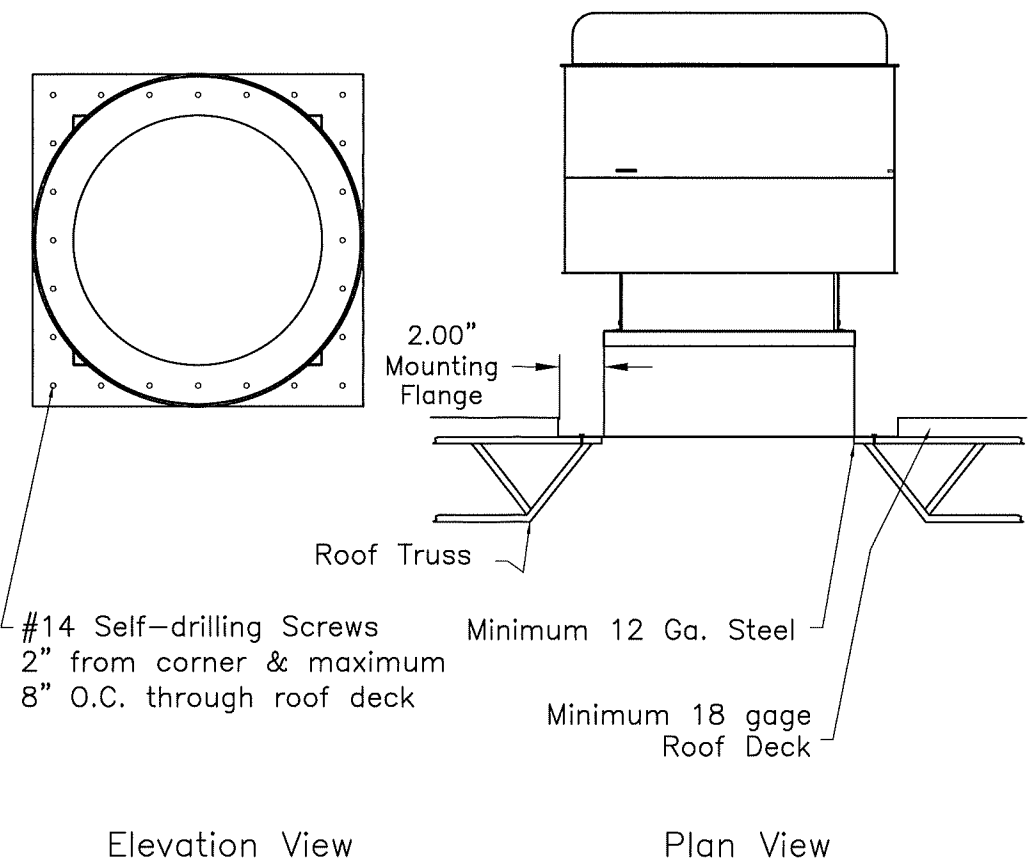
DWG NO. 686760		Sheet 2/3		LET.		REVISION RECORD		BY		CKD.		DATE	
TITLE PV HURRICANE FANS				B	Updated FBC to '2010 FBC SEC 1620.6 ' on Sheet 1				BPF	TCR	6/28/12		
				C	UPDATED FBC TO 2014 ON SHEET 1				TCR	TGB	5/28/15		
				D	REVISED FOR 42" TALL CURBS				TCR	TGB	8/24/15		
				E	REVISED FOR 2017 FBC				MTJ	AS	4/16/18		
				F	REVISED FOR 2020 FBC				MTJ	AS	1/21/21		
				G	REVISED FOR 2023 FBC				MTJ	AS	1/27/25		
				H	INCREASED DESIGN PRESSURE TO +150 / -150 PSF				MTJ	AS	1/28/26		
				I	UPDATED MOUNTING FLANGE DIMS, MAT'L THICKNESS				MTJ	AS	2/17/26		
				MAT'L									
DRAFTER TCR		DATE 08/10/10											
DESIGN ENG. TCR 08/10/10		RELEASED											
CHKD BY		MFG.										SCALE NTS	

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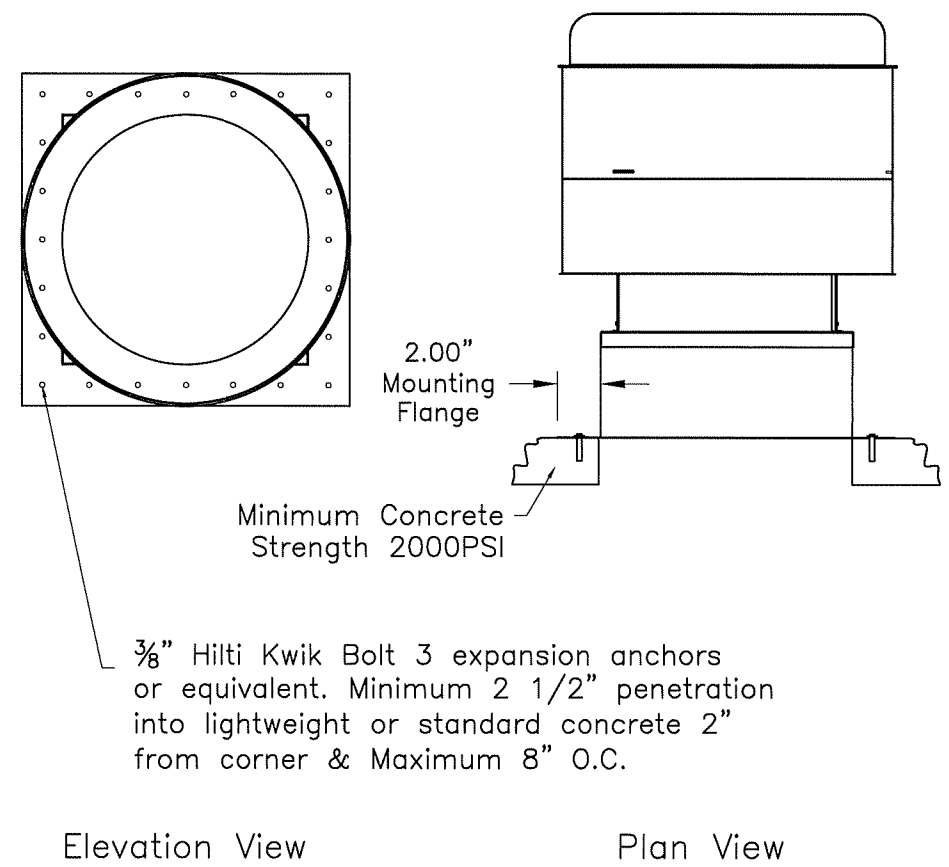
Large Missile Impact Resistant
Max rated design pressure : +150.0 / -150.0 PSF



Wood Deck Installation

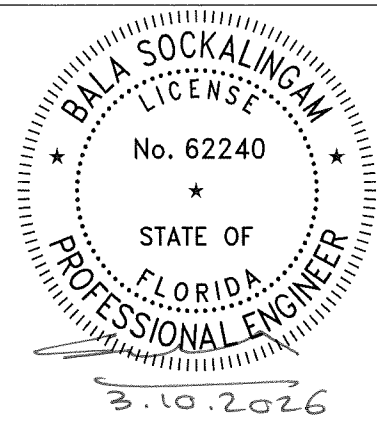


Metal Building Installation



Concrete Deck Installation

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **26-0409.02**
Expiration Date **05/05/2031**
By *[Signature]*
Miami-Dade Product Control



Bala Sockalingam, Ph.D., P.E.
1216 N Lansing Ave, Suite C
Tulsa, OK 74106
918-492-5992

Model			Mounting Flange Dimensions	Installation Type / Bolt Count		
				Wood Deck	Metal Building	Concrete Deck
PV075	PV085	PV100	23.75" x 23.75"	28	24	20
PV120	PV135		23.75" x 23.75"	32	24	20
PV150	PV165		26.50" x 26.50"	36	28	20
PV180	PV200		30.50" x 30.50"	44	36	20
PV220	PV240		36.50" x 36.50"	48	40	24

DWG NO. 686760 Sheet 3/3

TITLE PV Hurricane Fans

MAT'L

DRAFTER TCR DATE 04/12/10

DESIGN ENG. TCR 04/12/10 RELEASED

CHKD BY MFG. SCALE NTS

LET.	REVISION RECORD	BY	CKD.	DATE
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G	REVISED FOR 2023 FBC	MTJ	AS	1/27/25
H	INCREASED DESIGN PRESSURE TO +150 / -150 PSF	MTJ	AS	1/28/26
I	UPDATED MOUNTING FLANGE DIMS. MAT'L THICKNESS	MTJ	AS	2/17/26

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