



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

Greenheck Fan Corporation
P.O. Box 410
Schofield, WI 54476

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 RSF Steel Rooftop Supply Fan

APPROVAL DOCUMENT: Drawing No. **HCS1001 to HCS1015**, titled "RSF-90/100/120/150/180/200", sheets 1 through 15 of 15, dated 09/16/2019, with revision B dated 05/11/2022, prepared by Greenheck Fan Corporation, signed and sealed by Wayne K. Helmila, P.E. on 07/18/2022, 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 and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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 NOA # 23-1120.05** 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.**



09/09/24

NOA No. 24-0828.05
Expiration Date: December 16, 2029
Approval Date: September 19, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOAs

A. DRAWINGS “Submitted under NOA # 09-0930.10”

1. Drawing No. **HCS1001** to **HCS1015**, titled “RSF-90/100/120/150/180/200”, sheets 1 through 15 of 15, dated 08/03/2009, 08/18/2009, 09/08/2009, 09/14/2009, 06/15/2009 and 09/15/2009, prepared by Greenheck Fan Corporation, signed and sealed by L. David Rice, P.E.

B. TESTS “Submitted under NOA # 09-0930.10”

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,
3) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of three Model RSF Belt Drive Rooftop Supply Fans, prepared by Architectural Testing, Inc., Test Report No. **90634.01-602-18**, dated 07/10/2009, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS “Submitted under NOA # 09-0930.10”

1. Anchor verification calculations, prepared by Rice Engineering, dated 09/22/2009, signed and sealed by L. David Rice, 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 # 14-1030.15”

1. Statement letter of code conformance to 2010 and 5th edition (2014) FBC issued by Rice Engineering, dated 02/10/2015, signed and sealed by Wayne K. Helmila, P.E.

“Submitted under NOA # 09-0930.10”

2. No financial interest letter issued by Rice Engineering, dated 09/22/2009, signed and sealed by L. David Rice, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0828.05
Expiration Date: December 16, 2029
Approval Date: September 19, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Submitted under NOA # 19-1216.02

A. DRAWINGS

1. Drawing No. **HCS1001** to **HCS1015**, titled "RSF-90/100/120/150/180/200", sheets 1 through 15 of 15, dated 09/16/2019, prepared by Greenheck Fan Corporation, signed and sealed by Wayne K. Helmila, P.E. on 12/06/2019.

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,
3) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of three Model RSF-200 Belt Rooftop Hooded Ventilating Fan, prepared by Quast Consulting and Testing, Inc., Test Report No. **QCT19-5470.01**, dated 10/22/2019, signed and sealed by Arlen Fisher, P.E.

C. CALCULATIONS

1. Anchor verification calculations prepared by Rice Engineering, dated 11/18/2019, signed and sealed by Wayne K. Helmila, 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 Rice Engineering, dated 12/06/2019, signed and sealed by Wayne K. Helmila, P.E.
2. Statement letter of no financial interest issued by Rice Engineering, dated 12/06/2019, signed and sealed by Wayne K. Helmila, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0828.05
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under NOA # 21-1122.10

A. DRAWINGS

1. Drawing No. **HCS1001** to **HCS1015**, titled “RSF-90/100/120/150/180/200”, sheets 1 through 15 of 15, dated 09/16/2019, prepared by Greenheck Fan Corporation, signed and sealed by Wayne K. Helmila, P.E. on 01/06/2022.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations prepared by Rice Engineering, dated 10/19/2021, signed and sealed by Wayne K. Helmila, 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 7th edition (2020) of the FBC, issued by Rice Engineering, dated 10/25/2021, signed and sealed by Wayne K. Helmila, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0828.05
Expiration Date: December 16, 2029
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under NOA # 22-0606.02 and # 23-1120.05

A. DRAWINGS “Submitted under NOA # 23-1120.05”

1. Drawing No. **HCS1001** to **HCS1015**, titled “RSF-90/100/120/150/180/200”, sheets 1 through 15 of 15, dated 09/16/2019, with revision B dated 05/11/2022, prepared by Greenheck Fan Corporation, signed and sealed by Wayne K. Helmila, P.E. on 07/18/2022.

B. TESTS

1. None.

C. CALCULATIONS “Submitted under NOA # 22-0606.02”

1. Anchor verification calculations prepared by Rice Engineering, dated 07/08/2022, signed and sealed by Wayne K. Helmila, 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 # 23-1120.05”

1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by Rice Engineering, dated 10/27/2023, signed and sealed by Wayne K. Helmila, P.E.

“Submitted under NOA # 22-0606.02”

2. Statement letter of code conformance to the 7th edition (2020) of the FBC, issued by Rice Engineering, dated 07/08/2022, signed and sealed by Wayne K. Helmila, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0828.05

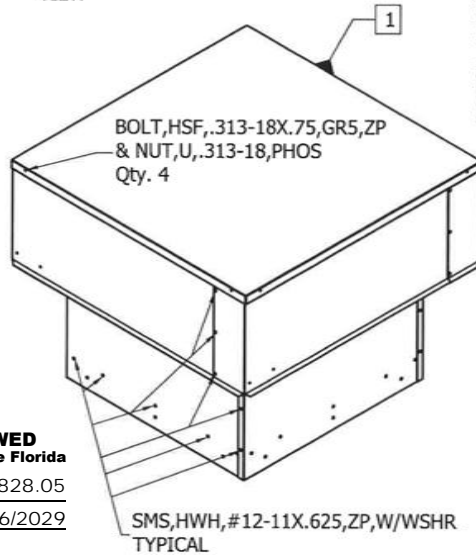
Expiration Date: December 16, 2029
Approval Date: September 19, 2024

RICE ENGINEERING

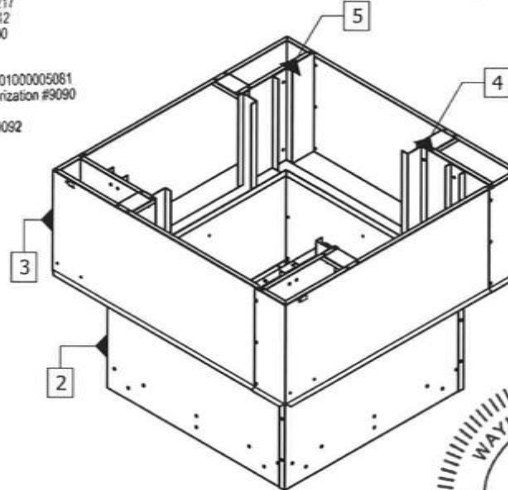
105 School Creek Trail
Luxemburg, WI 54217
Phone 920-517 1042
Fax 920-517-1100
www.rice-inc.com

Florida Firm No. F-01000005081
Certificate of Authorization #9090
Wayne K. Helmila
Registration No. 59092

COMPLETE ISOMETRIC
VIEW



ISOMETRIC VIEW
W/O COVER PANELS



Notes:

1. MODEL RSF HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201(LARGE MISSILE IMPACT), TAS-202 (STATIC LOADING), AND TAS-203 (CYCLIC WIND LOADING).
2. ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY ROOF TOP FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
3. DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
4. DESIGN PRESSURE = +/- 40 PSF. LARGE MISSILE IMPACT RESISTANT.
5. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
6. THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100(A)-95.
7. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL COMPONENT.
8. RSF UNIT WEIGHT IS APPROX. 181 lbs.(82 kg) - (WEIGHT SHOWN IS WITH LARGEST CATALOGED OPEN DRIP PROOF MOTOR)

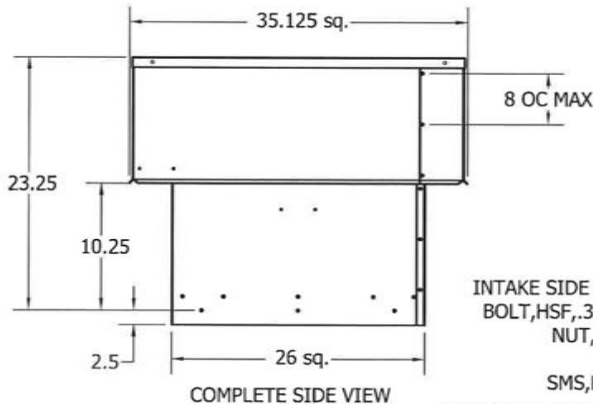
JUL 18 2022



ALL INTERIOR INTAKE
& FILTER PARTS USE RIVET
RVT,.187DIA X.12GRIP/BL/SBS62BS

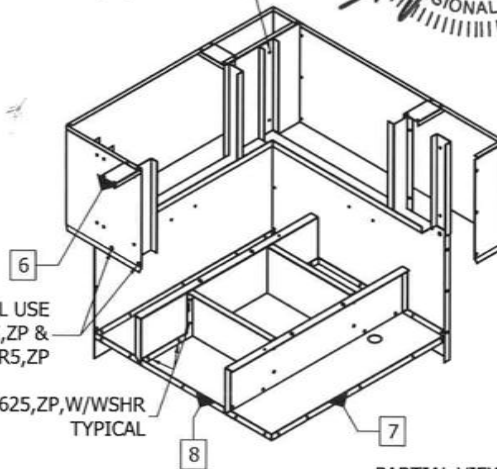
ITEM	QTY	DESCRIPTION
1	1	COVER
2	4	SIDE PANEL
3	4	INTAKE SIDE
4	4	FILTER EDGE CHANNEL 2" (1")
5	4	FILTER CHANNEL 2" (1")
6	4	INTAKE SIDE SUPPORT
7	2	BLOWER SUPPORT PANEL
8	2	BLOWER CLOSURE PANEL

ALL DIMENSIONS ARE IN INCHES



INTAKE SIDE TO SIDE PANEL USE
BOLT,HSF,.313-18X.75,GR5,ZP &
NUT,HSF,.313-18,GR5,ZP

SMS,HWH,#12-11X.625,ZP,W/WSHR
TYPICAL



PARTIAL VIEW TO
SHOW INTERIOR

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-1120.05**

Expiration Date **12/16/2024**

By *[Signature]*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **22-0606.02**

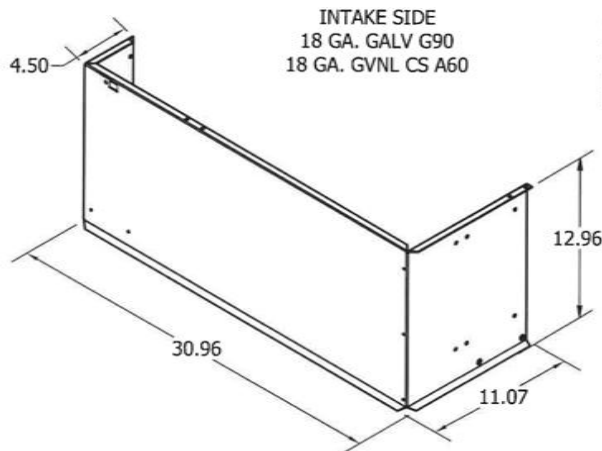
Expiration Date **12/16/2024**

By *[Signature]*
Miami-Dade Product Control

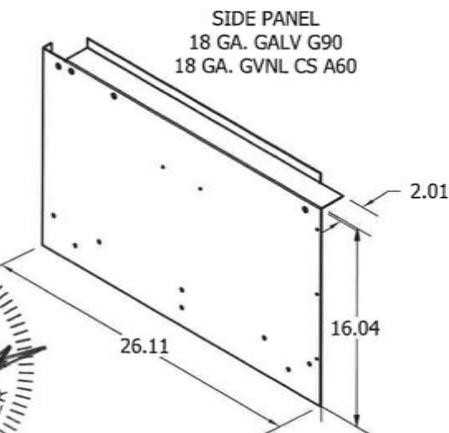
 P.O. BOX 419 SCHOFIELD, WISCONSIN 54476 0410	DESIGNED BY	ROTHMEYER
	DATE	09/16/2019
	PERIODS	
	SCALE	
TITLE RSF-90 SHEET 1 OF 15		SHEET 1 OF 15 HCS1001



PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05
Expiration Date 12/16/2029
By *[Signature]*
Miami-Dade Product Control



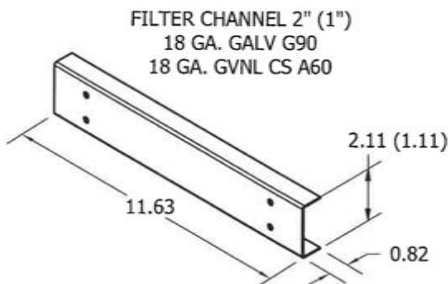
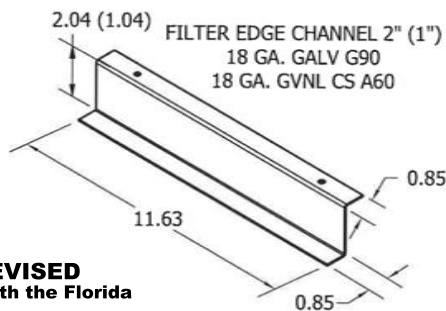
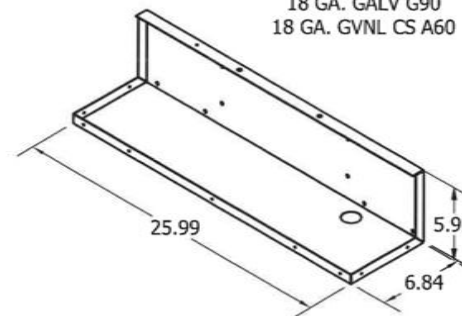
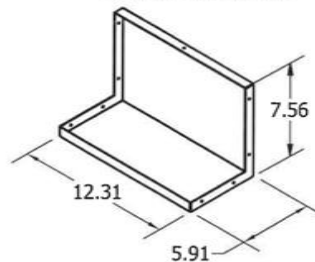
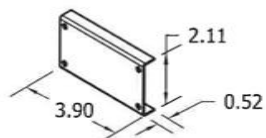
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0606.02
Expiration Date 12/16/2024
By *[Signature]*
Miami-Dade Product Control



INTAKE SIDE SUPPORT
18 GA. GALV G90
18 GA. GVNL CS A60

BLOWER CLOSURE PANEL
18 GA. GALV G90
18 GA. GVNL CS A60

BLOWER SUPPORT PANEL
18 GA. GALV G90
18 GA. GVNL CS A60



RICE
ENGINEERING

105 School Creek Trail
Luxemburg, WI 54217
Phone 920-617 1042
Fax 920-617-1100
www.rice-inc.com

Florida Firm No. F-0100005081
Certificate of Authorization #9090
Wayne K. Helmila
Registration No. 59092

ALL DIMENSIONS ARE IN INCHES

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1120.05
Expiration Date 12/16/2024
By *[Signature]*
Miami-Dade Product Control

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54478-0410		DRAWN BY ROTHMEYER	EDD
		DATE 09/16/2019	END REV.
TITLE RSF-90 SHEET 2 OF 15		REVISIONS	SCALE
		SHEET 2 OF 15	CAD DRAWING NO. HCS1002

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05

Expiration Date 12/16/2029

By *[Signature]*
Miami-Dade Product Control


REVISION	SYN
REV. NOTE 3	1

Notes:

1. MODEL RSF HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201(LARGE MISSILE IMPACT), TAS-202 (STATIC LOADING), AND TAS-203 (CYCLIC WIND LOADING).
2. ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY ROOF TOP FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
3. DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
4. DESIGN PRESSURE = +/- 40 PSF. LARGE MISSILE IMPACT RESISTANT.
5. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
6. THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100(A)-95.
7. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL COMPONENT.
8. RSF UNIT WEIGHT IS APPROX. 220 lbs.(100 kg) - (WEIGHT SHOWN IS WITH LARGEST CATALOGED OPEN DRIP PROOF MOTOR)

ITEM	QTY	DESCRIPTION
1	1	COVER
2	4	SIDE PANEL
3	4	INTAKE SIDE
4	4	FILTER EDGE CHANNEL 2" (1")
5	4	FILTER CHANNEL 2" (1")
6	4	INTAKE SIDE SUPPORT
7	2	BLOWER SUPPORT PANEL
8	2	BLOWER CLOSURE PANEL

ALL DIMENSIONS ARE IN INCHES

 GREENHECK <small>P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410</small>	DESIGNED BY ROTHMEYER	DATE 09/16/2019	SCALE 3 OF 15
	RSF-100 SHEET 3 OF 15		
	HCS1003		
	<small>CAST DRAWING INC.</small>		

RICE
ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
Phone 920-517 1042
Fax 920-517-1100
www.rice-inc.com

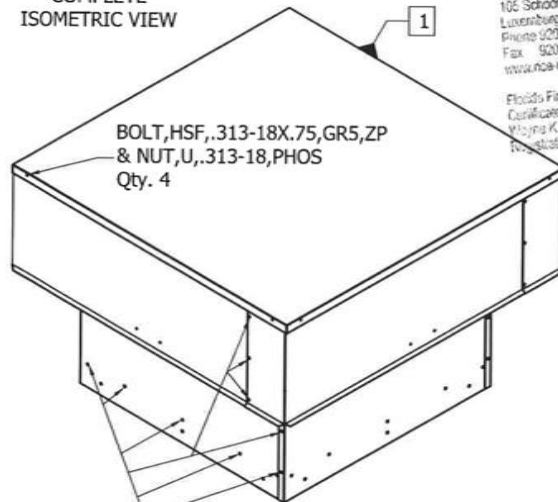
Florida Firm No. F-01000005081
Certificate of Authorization #5090
Wayne K. Helmila
Registration No. 59092

JUL 18 2022



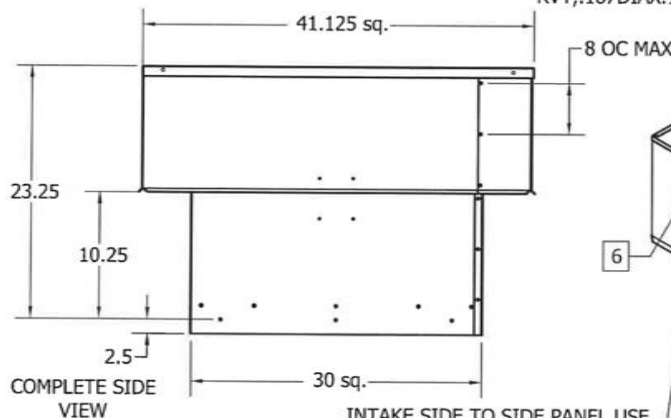
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0606.02
Expiration Date 12/16/2024
By *[Signature]*
Miami-Dade Product Control

COMPLETE
ISOMETRIC VIEW



BOLT,HSF,,313-18X.75,GR5,ZP
& NUT,U,,313-18,PHOS
Qty. 4

SMS,HWH,#12-11X.625,ZP,W/WSHR
TYPICAL

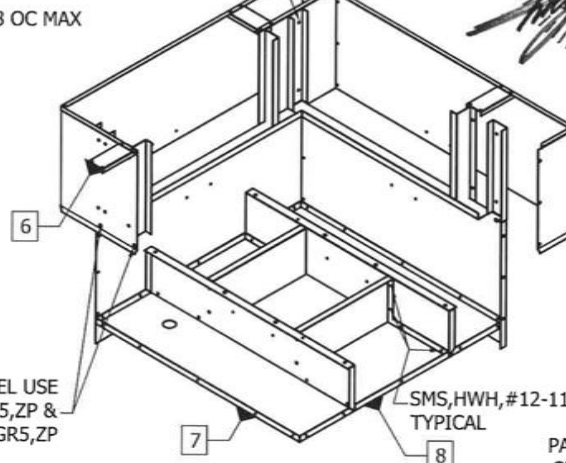


PRODUCT REVISED
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NOA-No. 23-1120.05

Expiration Date 12/16/2024

By *[Signature]*
Miami-Dade Product Control

ALL INTERIOR INTAKE
& FILTER PARTS USE RIVET
RVT,,187DIAX.12GRIP/BL/SBS62BS



INTAKE SIDE TO SIDE PANEL USE
BOLT,HSF,,313-18X.75,GR5,ZP &
NUT,HSF,,313-18,GR5,ZP

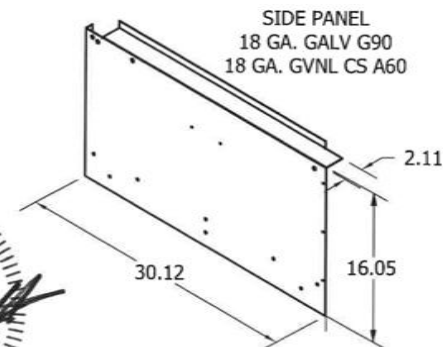
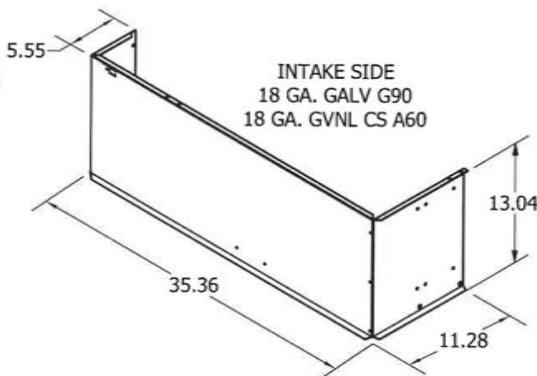
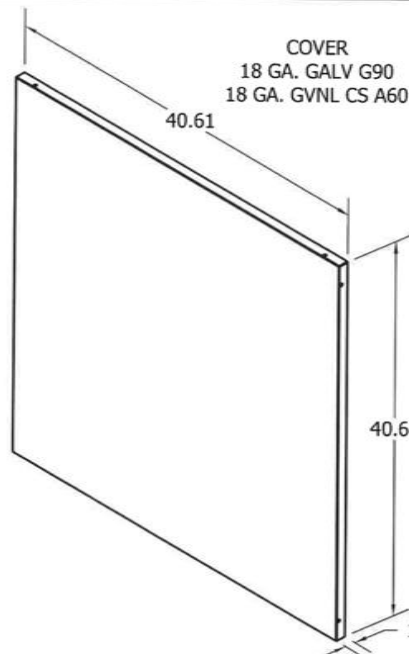
SMS,HWH,#12-11X.625,ZP,W/WSHR
TYPICAL

PARTIAL VIEW TO
SHOW INTERIOR

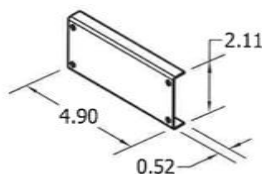
RICE **ENGINEERING**

105 School Creek Trail
Luxemburg, WI 54217
Phone 920-617-1042
Fax 920-617-1100
www.rice-inc.com

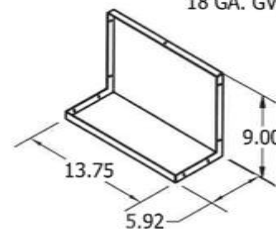
Florida Firm No. F-01000005081
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Wayne K. Helmila
Registration No. 59092



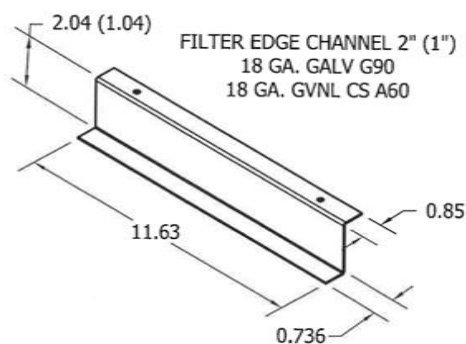
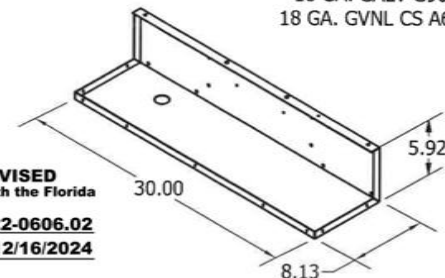
INTAKE SIDE SUPPORT
18 GA. GALV G90
18 GA. GVNL CS A60



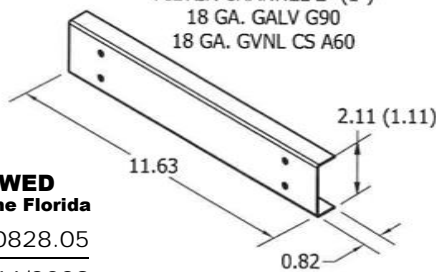
BLOWER CLOSURE PANEL
18 GA. GALV G90
18 GA. GVNL CS A60



BLOWER SUPPORT PANEL
18 GA. GALV G90
18 GA. GVNL CS A60



FILTER CHANNEL 2" (1")
18 GA. GALV G90
18 GA. GVNL CS A60



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **22-0606.02**
Expiration Date **12/16/2024**
By *[Signature]*
Miami-Dade Product Control

ALL DIMENSIONS ARE IN INCHES

PRODUCT REVISED
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NOA-No. **23-1120.05**
Expiration Date **12/16/2024**

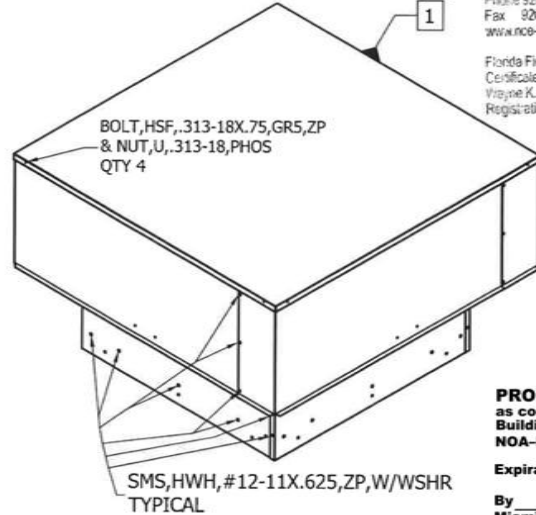
By *[Signature]*
Miami-Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. **24-0828.05**
Expiration Date **12/16/2029**

By *[Signature]*
Miami-Dade Product Control

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54475-0410		DRAWN BY ROTHMEYER	ECD
		DATE 09/16/2019	DWG. REF.
TITLE RSF-100 SHEET 4 OF 15		REVISIONS	SHEET 4 OF 15
		HCS1004	

COMPLETE ISOMETRIC VIEW



RICE
ENGINEERING

105 School Creek Trail
Luxemburg, WI 54217
Phone 920-617-1042
Fax 920-617-1100
www.rice-inc.com

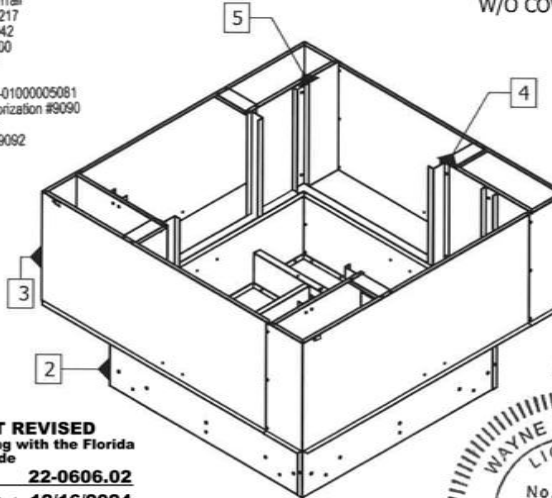
Florida Firm No. F-01000005081
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Building Code
NOA-No. **22-0606.02**

Expiration Date **12/16/2024**

By *[Signature]*
Miami-Dade Product Control

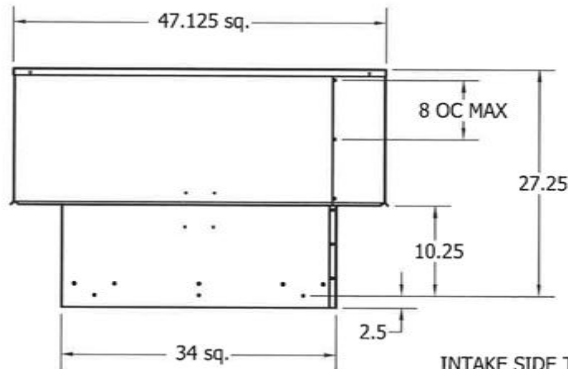
ISOMETRIC VIEW
W/O COVER PANELS



JUL 18 2022



ALL INTERIOR INTAKE
& FILTER PARTS USE RIVET
RVT,.187DIA X.12GRIP/BL/SBS62BS



COMPLETE SIDE VIEW

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-1120.05**

Expiration Date **12/16/2024**

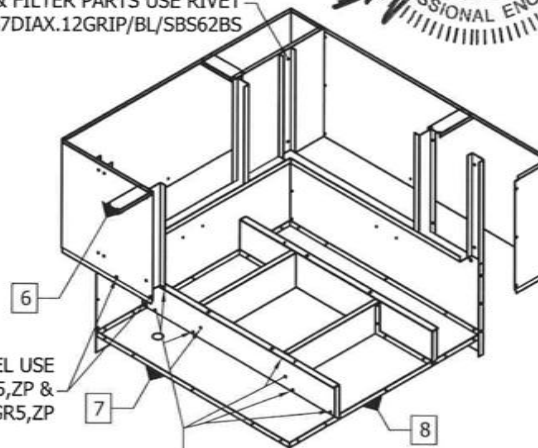
By *[Signature]*
Miami-Dade Product Control

INTAKE SIDE TO SIDE PANEL USE
BOLT,HSF,.313-18X.75,GR5,ZP &
NUT,HSF,.313-18,GR5,ZP

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. **24-0828.05**

Expiration Date **12/16/2029**

By *[Signature]*
Miami-Dade Product Control



SMS,HWH,#12-11X.625,ZP,W/WSHR
TYPICAL

PARTIAL VIEW TO
SHOW INTERIOR

Notes:

1. MODEL RSF HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201(LARGE MISSILE IMPACT), TAS-202 (STATIC LOADING), AND TAS-203 (CYCLIC WIND LOADING).
2. ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY ROOF TOP FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
3. DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
4. DESIGN PRESSURE = +/- 40 PSF. LARGE MISSILE IMPACT RESISTANT.
5. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
6. THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100(A)-95.
7. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL COMPONENT.
8. RSF UNIT WEIGHT IS APPROX. 289 lbs.(131 kg) - (WEIGHT SHOWN IS WITH LARGEST CATALOGED OPEN DRIP PROOF MOTOR.)

ITEM	QTY	DESCRIPTION
1	1	COVER
2	4	SIDE PANEL
3	4	INTAKE SIDE
4	4	FILTER EDGE CHANNEL 2" (1")
5	4	FILTER CHANNEL 2" (1")
6	4	INTAKE SIDE SUPPORT
7	2	BLOWER SUPPORT PANEL
8	2	BLOWER CLOSURE PANEL

ALL DIMENSIONS ARE IN INCHES

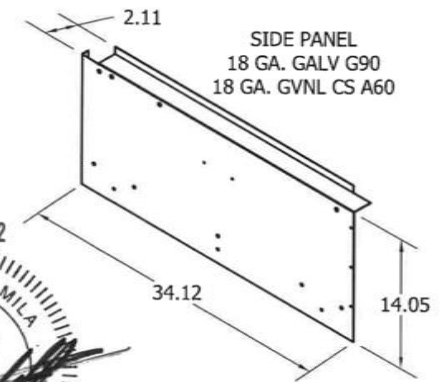
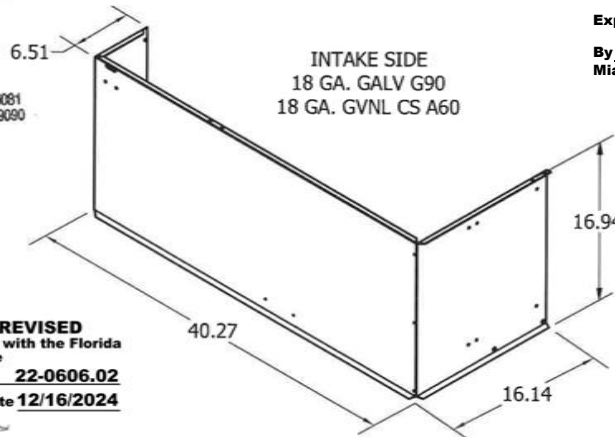
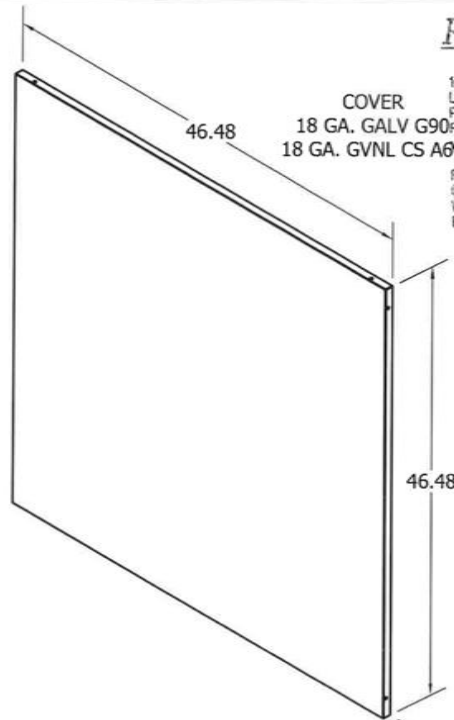
 P.O. BOX 410 SCHOFIELD, WISCONSIN 54475-0410 GREENHECK	<small>APPROVED BY</small> ROTHMEYER	<small>DATE</small> 09/16/2019	<small>ECO</small>
	<small>PERMITS</small> 	<small>ENG. REF.</small> 	
	<small>SCALE</small> 	<small>DIST</small> 	
	<small>SHEET NO.</small> 5 OF 15		
RSF-120 SHEET 5 OF 15		HCS1005	

RICE **ENGINEERING**

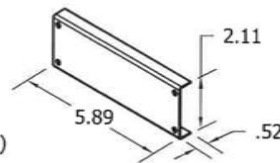
105 School Creek Trail
Luxemburg, WI 54217
Phone 920-817-1042
Fax 920-817-1100
www.rice-inc.com
Florida Firm No. F-01000009081
Certificate of Authorization #9090
Wayne K. Helmila
Registration No. 58092

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **22-0606.02**
Expiration Date **12/16/2024**
By *[Signature]*
Miami-Dade Product Control

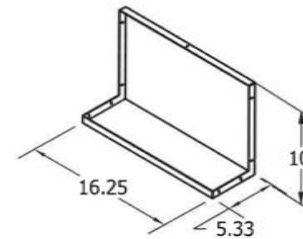
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05
Expiration Date 12/16/2029
By *[Signature]*
Miami-Dade Product Control



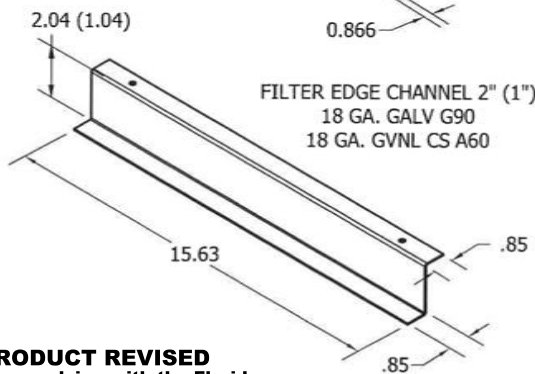
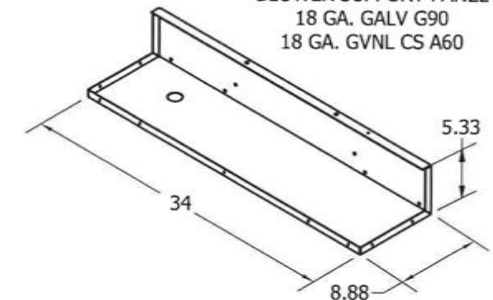
INTAKE SIDE SUPPORT
18 GA. GALV G90
18 GA. GVNLS CS A60



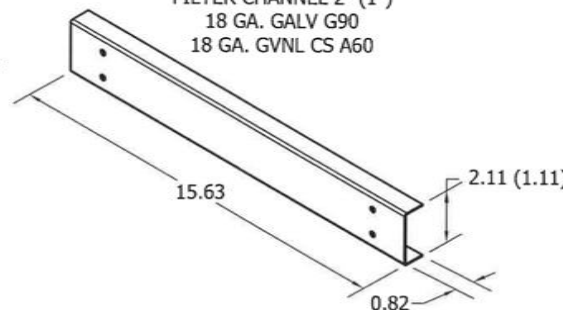
BLOWER CLOSURE PANEL
18 GA. GALV G90
18 GA. GVNLS CS A60



BLOWER SUPPORT PANEL
18 GA. GALV G90
18 GA. GVNLS CS A60



FILTER CHANNEL 2" (1")
18 GA. GALV G90
18 GA. GVNLS CS A60

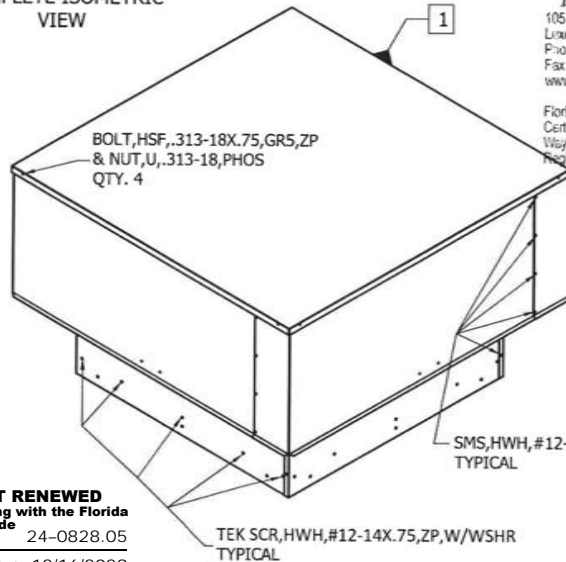


ALL DIMENSIONS ARE IN INCHES

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **23-1120.05**
Expiration Date **12/16/2024**
By *[Signature]*
Miami-Dade Product Control

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54478-0410 RSF-120 SHEET 6 OF 15	DRAWN BY ROTHMEYER	ECO
	DATE 09/16/2019	STG. REV.
	SCALE	SHEET 6 OF 15
	HCS1006	

COMPLETE ISOMETRIC VIEW

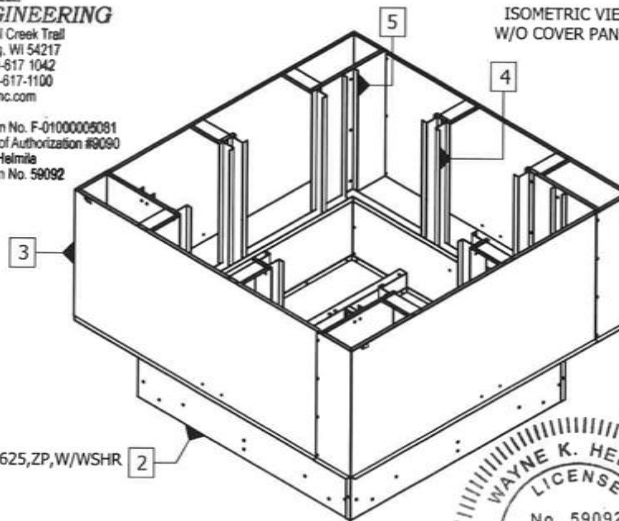


RICE ENGINEERING

105 School Creek Trail
Lakeland, FL 34017
Phone 920-817-1042
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www.rice-inc.com

Florida Firm No. F-01000005081
Certificate of Authorization #9090
Wayne K. Helmila
Registration No. 59092

ISOMETRIC VIEW
W/O COVER PANELS



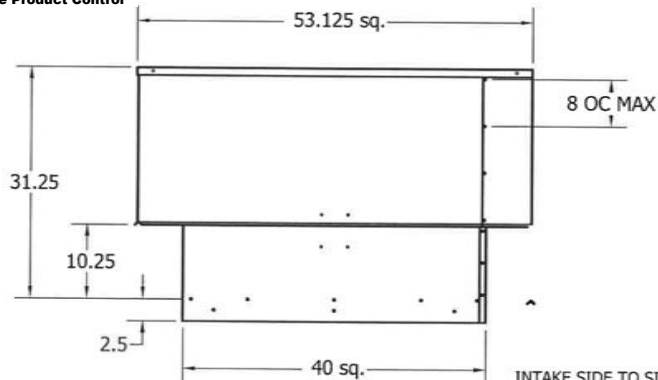
Notes:

1. MODEL RSF HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201(LARGE MISSILE IMPACT), TAS-202 (STATIC LOADING), AND TAS-203 (CYCLIC WIND LOADING).
2. ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY ROOF TOP FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
3. DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
4. DESIGN PRESSURE = +/- 40 PSF. LARGE MISSILE IMPACT RESISTANT.
5. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
6. THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100(A)-95.
7. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL COMPONENT.
8. RSF UNIT WEIGHT IS APPROX. 444 lbs.(202 kg) - (WEIGHT SHOWN IS WITH LARGEST CATALOGED OPEN DRIP PROOF MOTOR.)

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05

Expiration Date 12/16/2029

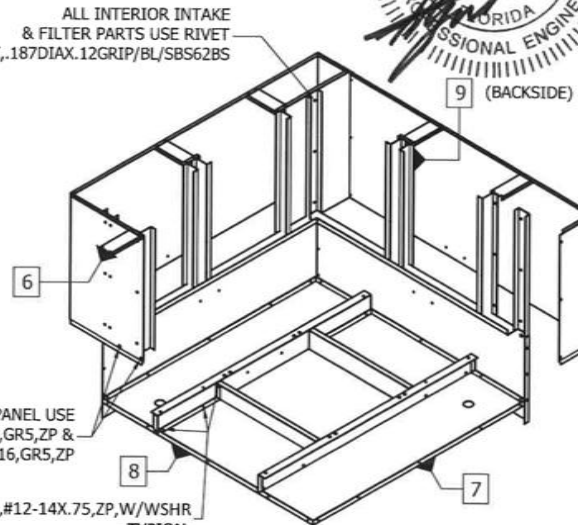
By *[Signature]*
Miami-Dade Product Control



COMPLETE SIDE VIEW

INTAKE SIDE TO SIDE PANEL USE
BOLT,HSF,.375-16X.75,GR5,ZP &
NUT,HSF,.375-16,GR5,ZP

TEK SCR,HWH,#12-14X.75,ZP,W/WSHR
TYPICAL



PARTIAL VIEW TO
SHOW INTERIOR

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0606.02

Expiration Date 12/16/2024

By *[Signature]*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1120.05

Expiration Date 12/16/2024

By *[Signature]*
Miami-Dade Product Control



JUL 18 2022

ITEM	QTY	DESCRIPTION
1	1	COVER
2	4	SIDE PANEL
3	4	INTAKE SIDE
4	12	FILTER EDGE CHANNEL 2" (1")
5	4	FILTER CHANNEL 2" (1")
6	8	INTAKE SIDE SUPPORT
7	2	BLOWER SUPPORT PANEL
8	2	BLOWER CLOSURE PANEL
9	4	FILTER CHANNEL SUPPORT

ALL DIMENSIONS ARE IN INCHES

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54475-0410	GREENHECK ROTHMEYER DATE 09/16/2019 SCALE 1" = 1'-0" SHEET 7 OF 15 HCS1007
	RSF-150 SHEET 7 OF 15
	HCS1007
	HCS1007

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05

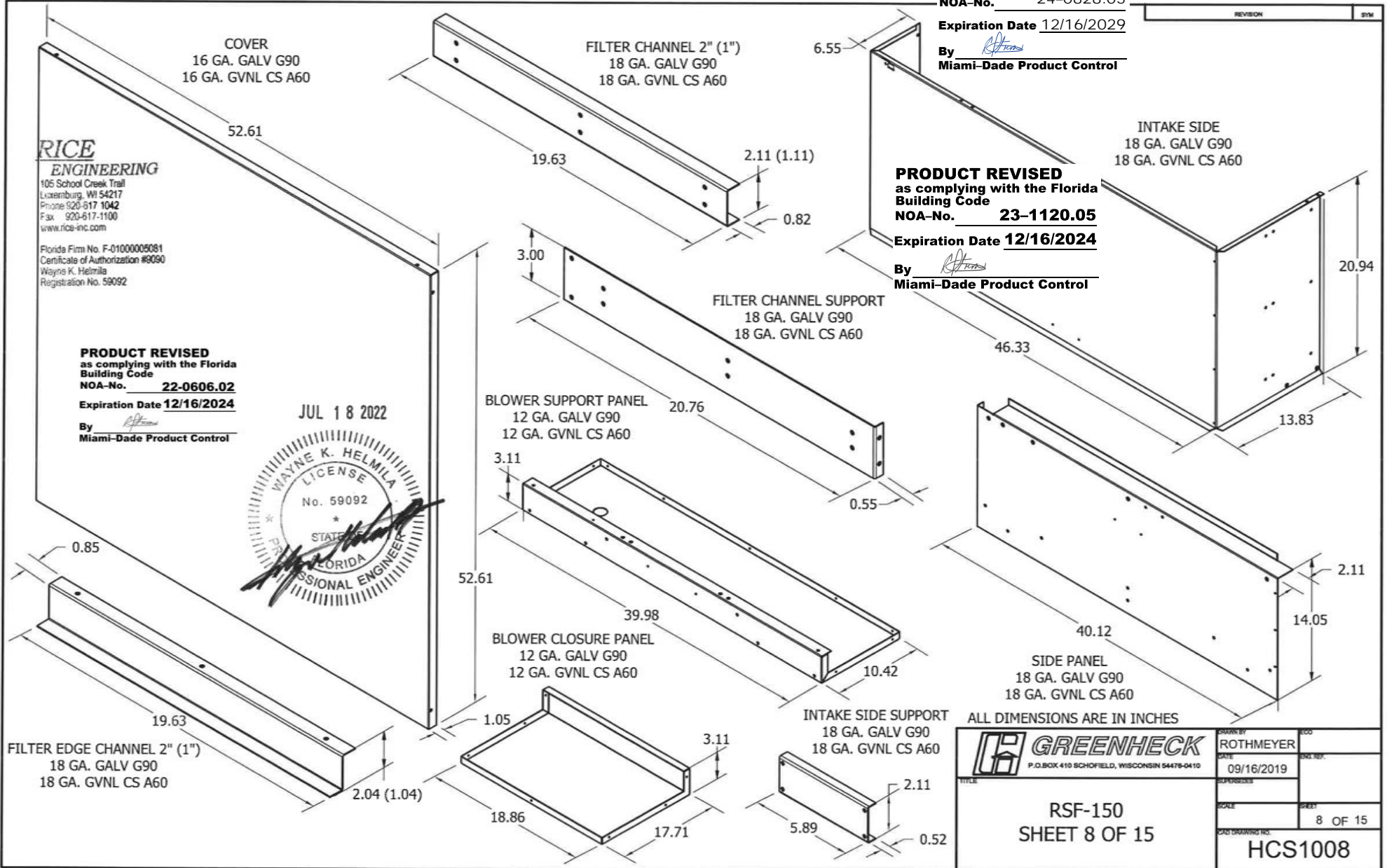
Expiration Date 12/16/2029

By *[Signature]*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1120.05

Expiration Date 12/16/2024

By *[Signature]*
Miami-Dade Product Control



COMPLETE ISOMETRIC VIEW

BOLT,HSF,.313-18X.75,GR5,ZP
& NUT,U,.313-18,PHOS
QTY. 8

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05

Expiration Date 12/16/2029

By *[Signature]*
Miami-Dade Product Control



JUL 18 2022

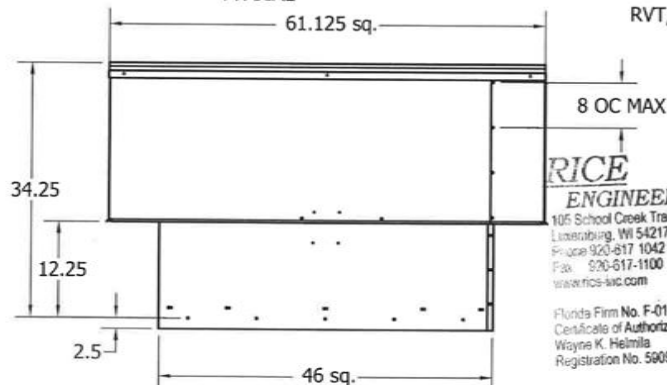
ISOMETRIC VIEW
W/O COVER PANELS

Notes:

1. MODEL RSF HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201(LARGE MISSILE IMPACT), TAS-202 (STATIC LOADING), AND TAS-203 (CYCLIC WIND LOADING).
2. ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY ROOF TOP FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
3. DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
4. DESIGN PRESSURE = +/- 40 PSF. LARGE MISSILE IMPACT RESISTANT.
5. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
6. THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100(A)-95.
7. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL COMPONENT.
8. RSF UNIT WEIGHT IS APPROX. 553 lbs.(251 kg) - (WEIGHT SHOWN IS WITH LARGEST CATALOGED OPEN DRIP PROOF MOTOR.)

ITEM	QTY	DESCRIPTION
1	1	COVER PANEL - A
2	1	COVER PANEL - B
3	4	SIDE PANEL
4	4	INTAKE SIDE
5	12	FILTER EDGE CHANNEL 2" (1")
6	4	FILTER CHANNEL 2" (1")
7	8	INTAKE SIDE SUPPORT
8	1	BLOWER SUPPORT PANEL - RIGHT
9	1	BLOWER SUPPORT PANEL - LEFT
10	1	BLOWER CLOSURE PANEL - RIGHT
11	1	BLOWER CLOSURE PANEL - LEFT
12	4	FILTER CHANNEL SUPPORT
13	4	INTAKE SIDE BRACE

ALL DIMENSIONS ARE IN INCHES



COMPLETE SIDE VIEW

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0606.02

Expiration Date 12/16/2024

By *[Signature]*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1120.05

Expiration Date 12/16/2024

By *[Signature]*
Miami-Dade Product Control

SMS,HWH,#12-11X.625,ZP,W/WSHR
TYPICAL

ALL INTERIOR INTAKE
& FILTER PARTS USE RIVET
RVT,.187DIAX.12GRIP/BL/SBS62BS

INTAKE SIDE TO
INTAKE SIDE BRACE USE
BOLT,HSF,.375-16X.75,GR5,ZP &
NUT,HSF,.375-16,GR5,ZP

(BACKSIDE) 12

INTAKE SIDE TO SIDE PANEL USE
BOLT,HSF,.375-16X.75,GR5,ZP &
NUT,HSF,.375-16,GR5,ZP

TEK,SCR,HWH,#12-14X.75,ZP,W/WSHR
TYPICAL

PATRIAL VIEW TO
SHOW INTERIOR

RICE
ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
Phone 920-817 1042
Fax 920-817-1100
www.rice-inc.com
Florida Firm No. F-01000009081
Certificate of Authorization #9090
Wayne K. Helmila
Registration No. 59092

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54478-0410	DRAWN BY ROTHMEYER	DATE 09/16/2019	SHEET 9 OF 15
	TITLE RSF-180 SHEET 9 OF 15		
	HCS1009		
	SCALE 		

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05

Expiration Date 12/16/2029

By *[Signature]*
Miami-Dade Product Control

BLOWER SUPPORT PANEL - RIGHT
12 GA. GALV G90
12 GA. GVNL CS A60

BLOWER SUPPORT PANEL - LEFT
12 GA. GALV G90
12 GA. GVNL CS A60

COVER PANEL - A
18 GA. GALV G90
18 GA. GVNL CS A60

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1120.05

Expiration Date 12/16/2024

By *[Signature]*
Miami-Dade Product Control

RICE
ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
Phone 920-617 1042
Fax 920-617-1100
www.rice-inc.com

Florida Firm No. F-01000006081
Certificate of Authorization #6090
Wayne K. Helmila
Registration No. 59092

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0606.02
Expiration Date 12/16/2024


By *[Signature]*
Miami-Dade Product Control

COVER PANEL - B
18 GA. GALV G90
18 GA. GVNL CS A60

BLOWER CLOSURE PANEL - RIGHT
12 GA. GALV G90
12 GA. GVNL CS A60

BLOWER CLOSURE PANEL - LEFT
12 GA. GALV G90
12 GA. GVNL CS A60

ALL DIMENSIONS ARE IN INCHES

 GREENHECK <small>P.O. BOX 410 SCHOFIELD, WISCONSIN 54478-0410</small>	DESIGNED BY ROTHMEYER	DATE 09/16/2019	SCALE 10 OF 15
	TITLE RSF-180 SHEET 10 OF 15		
	DRAWING NO. HCS1010		
	P.O. BOX 410 SCHOFIELD, WISCONSIN 54478-0410		

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05

Expiration Date 12/16/2029

By *RH*
Miami-Dade Product Control

SIDE PANEL
18 GA. GALV G90
18 GA. GVNL CS A60

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0606.02
Expiration Date 12/16/2024

By *RH*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1120.05

Expiration Date 12/16/2024

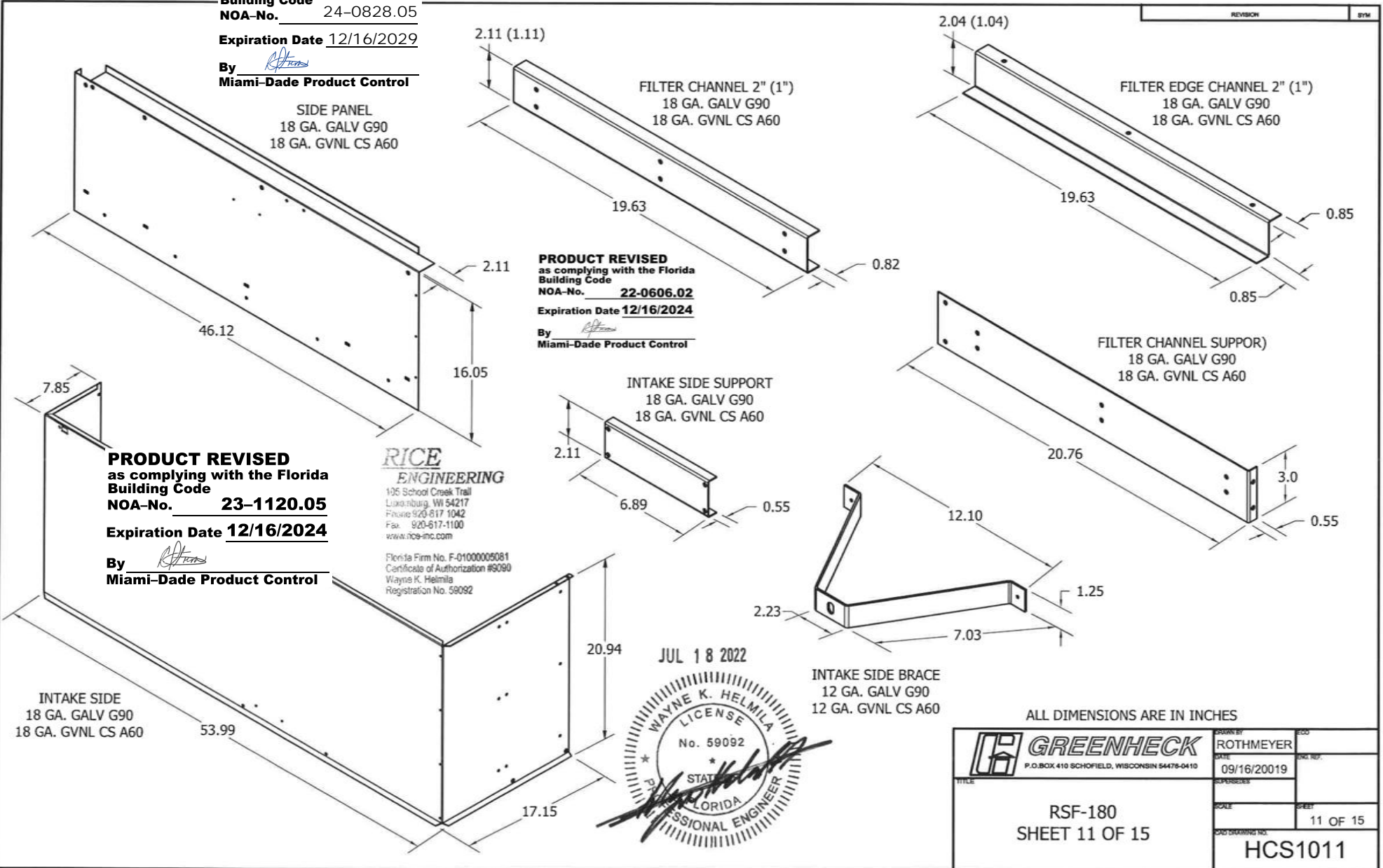
By *RH*
Miami-Dade Product Control

RICE
ENGINEERING

105 School Creek Trail
Lakeland, WI 54217
Phone 920-617-1042
Fax 920-617-1100
www.rice-inc.com

Florida Firm No. F-01000005081
Certificate of Authorization #9090
Wayne K. Helmila
Registration No. 59092

JUL 18 2022

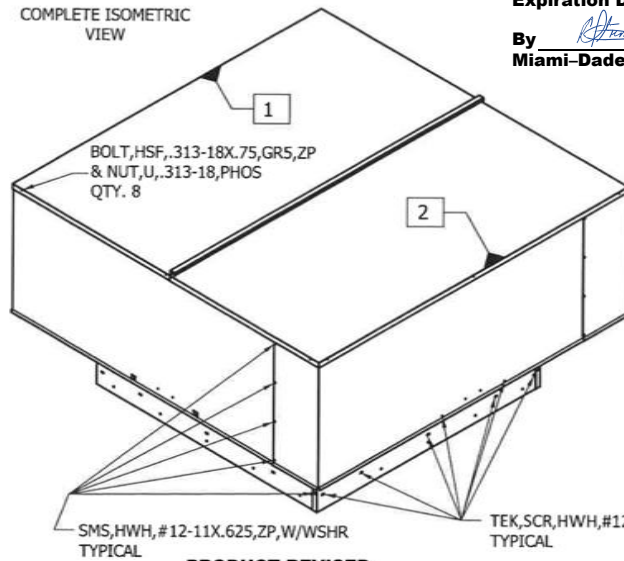


PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05

Expiration Date 12/16/2029

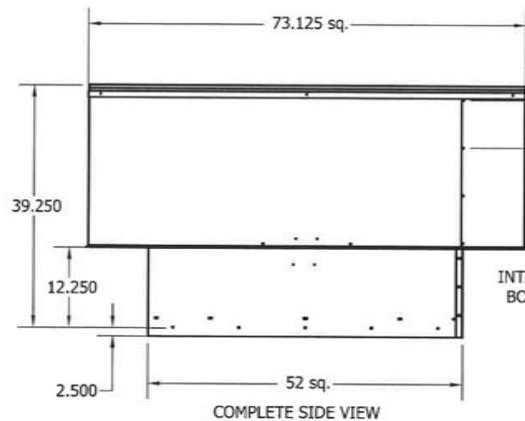
By *[Signature]*
Miami-Dade Product Control

COMPLETE ISOMETRIC
VIEW



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0606.02
Expiration Date 12/16/2024
By *[Signature]*
Miami-Dade Product Control

JUL 18 2022

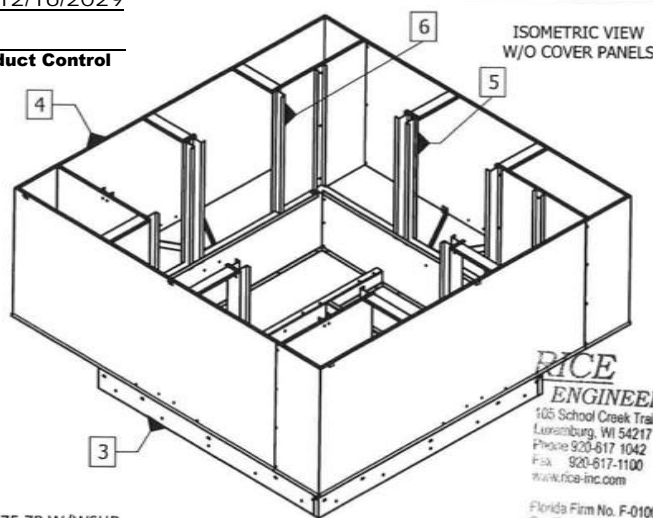


COMPLETE SIDE VIEW

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1120.05

Expiration Date 12/16/2024

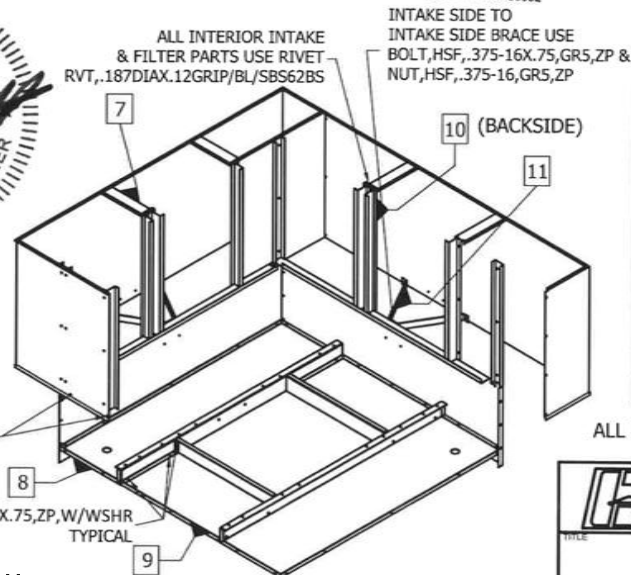
By *[Signature]*
Miami-Dade Product Control



ISOMETRIC VIEW
W/O COVER PANELS

**DICE
ENGINEERING**
105 School Creek Trail
Luxemburg, WI 54217
Phone 920-617 1042
Fax 920-617-1100
www.dice-inc.com

Florida Firm No. F-01000005081
Certificate of Authorization #9090
Wayne K. Helmla
Registration No. 59092



PARTIAL VIEWS
TO SHOW INTERIOR

Notes:

1. MODEL RSF HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201(LARGE MISSILE IMPACT), TAS-202 (STATIC LOADING), AND TAS-203 (CYCLIC WIND LOADING).
2. ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY ROOF TOP FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
3. DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
4. DESIGN PRESSURE = +/- 40 PSF. LARGE MISSILE IMPACT RESISTANT.
5. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
6. THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100(A)-95.
7. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL COMPONENT.
8. RSF UNIT WEIGHT IS APPROX. 905 lbs.(411 kg) - (WEIGHT SHOWN IS WITH LARGEST CATALOGED OPEN DRIP PROOF MOTOR.)

ITEM	QTY	DESCRIPTION
1	1	COVER PANEL - A
2	1	COVER PANEL - B
3	4	SIDE PANEL
4	4	INTAKE SIDE
5	12	FILTER EDGE CHANNEL 2" (1")
6	8	FILTER CHANNEL 2" (1")
7	8	INTAKE SIDE SUPPPORT
8	2	BLOWER SUPPORT PANEL
9	2	BLOWER CLOSURE PANEL
10	4	FILTER CHANNEL SUPPORT
11	4	INTAKE SIDE BRACE

ALL DIMENSIONS ARE IN INCHES

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410	DRAWN BY ROTHMEYER	DATE 09/16/2019	ENG. REF.
	PROJECTS	SCALE	SHEET 12 OF 15
	TITLE RSF-200 SHEET 12 OF 15		
	HCS1012		

1.07

COVER PANEL - A
18 GA. GALV G90
18 GA. GVNLS CS A60

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1120.05

Expiration Date 12/16/2024

By [Signature]
Miami-Dade Product Control

1.21

1.07

72.65

37.40

1.15

0.57

0.57

COVER PANEL - B
18 GA. GALV G90
18 GA. GVNLS CS A60

72.65

35.32

1.15

RICE
ENGINEERING

105 School Creek Trail
Luxemburg, WI 54217
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Fax 920-617-1100
www.rice-inc.com

Florida Firm No. F-01000005081
Certificate of Authorization #9090
Wayne K. Helmila
Registration No. 59092

3.32

BLOWER CLOSURE PANEL
12 GA. GALV G90
12 GA. GVNLS CS A60

52.16

14.54

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 22-0606.02

Expiration Date 12/16/2024

By [Signature]
Miami-Dade Product Control

BLOWER SUPPORT PANEL
12 GA. GALV G90
12 GA. GVNLS CS A60

3.32

23.29

13.54

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05


Expiration Date 12/16/2029

By [Signature]
Miami-Dade Product Control

JUL 18 2022



ALL DIMENSIONS ARE IN INCHES

 GREENHECK P.O. BOX 410 SCHOFIELD, WISCONSIN 54478-0410	DESIGNED BY	ROTHMEYER
	DATE	09/16/2019
	CHECKED BY	
	SCALE	
TITLE RSF-200 SHEET 13 OF 15		13 OF 15 HCS1013

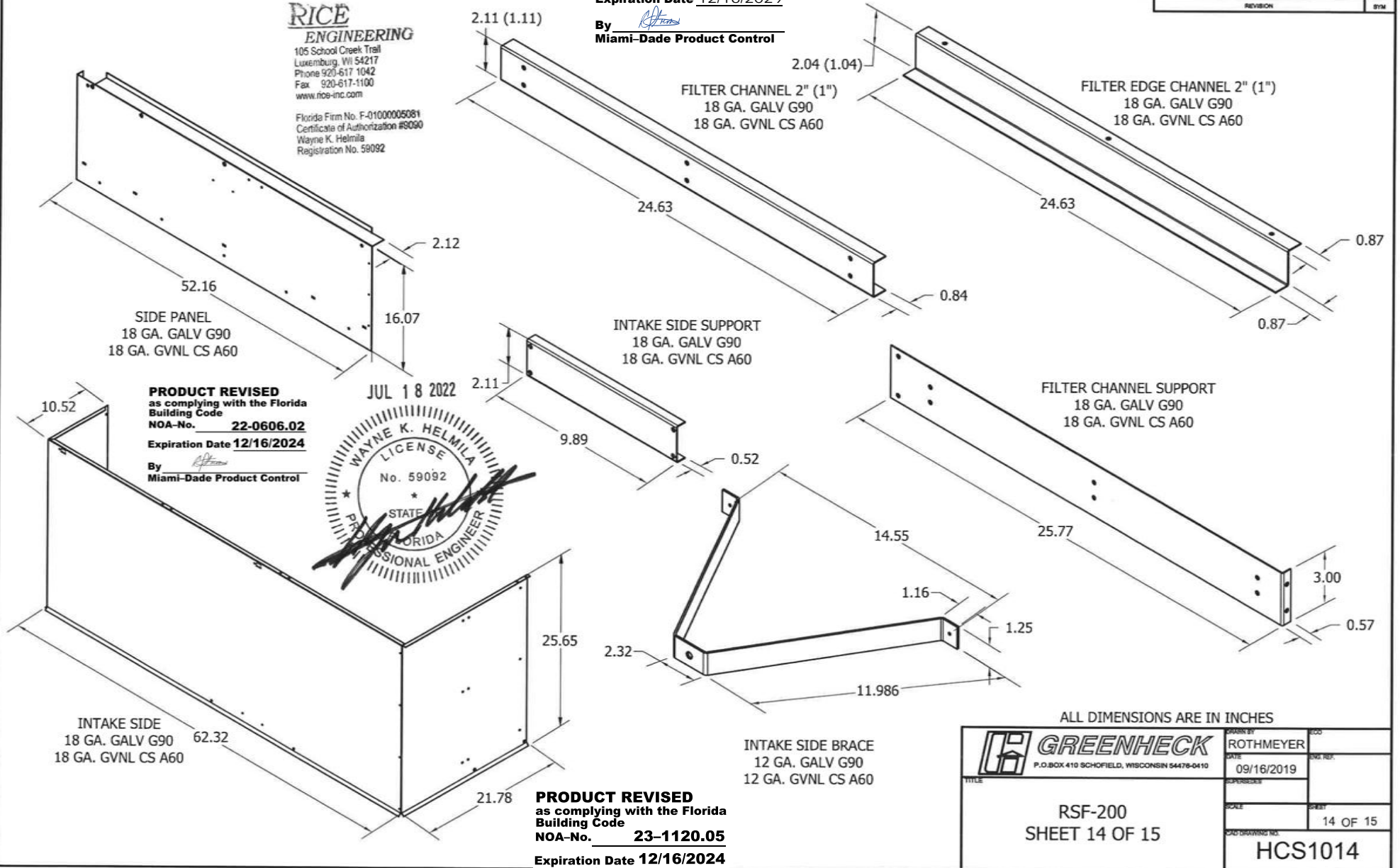
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05

Expiration Date 12/16/2029

By *[Signature]*
Miami-Dade Product Control

RICE
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105 School Creek Trail
Luxemburg, WI 54217
Phone 920-617-1042
Fax 920-617-1100
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Florida Firm No. F-01000005081
Certificate of Authorization #9090
Wayne K. Helmila
Registration No. 59092



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0606.02
Expiration Date 12/16/2024
By *[Signature]*
Miami-Dade Product Control



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1120.05
Expiration Date 12/16/2024

By *[Signature]*
Miami-Dade Product Control

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54479-0410 TITLE	DESIGNED BY	ECO
	DATE	ENG. REP.
	SCALE	SHEET
	CAD DRAWING NO.	14 OF 15
RSF-200 SHEET 14 OF 15		HCS1014

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0828.05

Expiration Date 12/16/2029

By *[Signature]*
Miami-Dade Product Control

CURB TO DECK MOUNTING

MINIMUM NUMBER OF FASTENERS TO ATTACH CURB TO STRUCTURE

REVISION	SYM
UPDATED ANCHORING	1

UNIT SIZE	OPTION #1 TIMBER- NUMBER OF LAG SCREWS		OPTION #2 TIMBER- NUMBER OF THRU BOLTS		OPTION #3 STEEL DECK- NUMBER OF SELF-DRILLING SCREWS		OPTION #4 STEEL DECK- NUMBER OF THRU BOLTS		OPTION #5 CONCRETE- NUMBER OF ANCHORS		OPTION #6 CONCRETE- NUMBER OF THRU BOLTS	
	PER SIDE 4	TOTAL 5	PER SIDE 4	TOTAL 5	PER SIDE 4	TOTAL 5	PER SIDE 4	TOTAL 5	PER SIDE 4	TOTAL 5	PER SIDE 4	TOTAL 5
90	0	4	0	4	0	4	0	4	0	4	0	4
100	0	4	0	4	0	4	0	4	0	4	0	4
120	0	4	0	4	0	4	0	4	0	4	0	4
150	1	8	0	4	0	4	0	4	0	4	0	4
180	1	8	0	4	0	4	0	4	1	8	0	4
200	1	8	0	4	0	4	0	4	1	8	0	4

- 1) UNLESS NOTED, ANCHORS TO BE 300 SERIES S.S. COND. CW (Fy=65ksi MIN) OR ZINC PLATED GRADE 2 STEEL (Fy=57ksi MIN). ZINC PLATED ANCHORS SHALL BE SEALED WITH LIQUID PROSOLO FLASHING (OR SEALED WITH AN EQUAL PRODUCT) UNLESS FLASHING CAN BE PROVIDED
- 2) ALL ANCHORS TO BE INSTALLED PER THE MANUFACTURER RECOMMENDATIONS.
- 3) ALL ANCHOR SUBSTRATES BY OTHERS.
- 4) CORNER FASTENERS ARE EXCLUDED FROM 'PER SIDE' COLUMN.
- 5) THE (4) CORNER FASTENERS ARE INCLUDED IN THE COUNT OF THE 'TOTAL' COLUMN.
- 6) 40PSF UPLIFT AND 40PSF LATERAL WINDLOADS WERE APPLIED INDEPENDENTLY.

**RICE
ENGINEERING**

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Florida Firm No. F-01000005081
Certificate of Authorization #9090
Wayne K. Helmila
Registration No. 59092

NOTES:

1. GALVANIZED ROOF CURB SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI-DADE TEST PROTOCOLS TAS-201 (LARGE MISSILE IMPACT), TAS-202 (STATIC LOADING), AND TAS-203 (CYCLIC WIND LOADING).
2. ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY ROOF TOP FANS. FASTENERS SHALL BE SPECIFIED AND INSTALLED AS DETAILED.
3. DESIGN PRESSURE = ± 40 PSF (LARGE MISSILE IMPACT RESISTANT).
4. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
5. THE ROOF CURB HAS NOT BEEN TESTED FOR WIND-DRIVEN RAIN TESTING PER FLORIDA BUILDING CODE TAS-100(A)-95.

GREENHECK P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410		DRAWN BY YAKLOVICH	ECG
DATE 05/11/2022		DATE REF.	
SUPERVISOR		SCALE 1/19	
CADD DRAWING NO.			B

**RSF-90 THROUGH 200
CURB MOUNTING
SHEET 15 OF 15**

HCS1015

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-1120.05

Expiration Date 12/16/2024

By *[Signature]*
Miami-Dade Product Control

