Report By:

National TAB
1329 E. KEMPER ROAD
SUITE 4210
CINCINNATI, OH 45246

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 05/29/2025

Completed By: National TAB

PROJECT

05-26-25 FREDDYS ELKHART, IN

2701 Cassopolis Street

Elkhart, IN 46514

Client

Freddy's Frozen Custard & Steakburgers (CORPORATE)

260 N Rock Rd

Suite 200

Wichita, KS 67206

National TAB

Project: 05-26-25 FREDDYS ELKHART, IN

Table Of Contents

Project Summary

The summary below provides a quick understanding of our scope of work and general testing procedures. Enclosed in the report is further detail about your building performance including recommendations, asset data, and pictures. Our focus is to work with the trades to remedy any issues or deficiencies during the actual field balancing and not after the balancing has occurred to achieve a positive environment and outcome. The level of success is determined by the availability of the trades, possible parts needed, or time constraints.

DOAS w/ Diffusers

Each of the DOAS were measured at their terminal devices or via traverse to establish a total flow for that unit. Each DOAS was adjusted to within tolerance of the engineer's design flow. Each outlet was then adjusted to within tolerance of the design flow. Outside air was measured by reading the intake air opening with a velocity grid and multiplying by the free area. The outside air damper was adjusted until the airflow was within the design requirements. Any equipment that fell outside of that tolerance is noted throughout the report.

Kitchen Exhaust Hood & Associated Fans

Each kitchen exhaust fan was measured at the hood filter bay utilizing a velocity matrix and a manufacturer's correction factor. Each filter velocity is multiplied by the manufacturer's corrected area. The sum of these readings equals the total flow of the exhaust fans. The total flow of the exhaust was then adjusted to within tolerance of the design flow. . Any EF's that fell outside of this tolerance is noted throughout the report.

General Exhaust Fans w/ Grilles

The general exhaust fans were measured by reading each air device with a flow hood. The total airflow for each fan is equivalent to the sum of these readings. Fan speed was then adjusted so that the airflow was within tolerance of design. Each terminal device was balanced to within tolerance of the design volume using the installed volume dampers. Any equipment that fell outside of this tolerance is noted throughout the report.

Final Building Tests

After completing the test and balance the final building pressure was measured. It was confirmed that the building pressure fell within acceptable tolerances of -0.02" wc to +0.02" wc and that the pressure measurement coincides with the actual and design net airflow. Any deviations from these standards are noted throughout the report.

The hood capture was tested at the perimeter of the hood and the cook top level with the equipment heat on to ensure satisfactory hood capture and containment.

Issue List

- Diffuser 1-6 low on flow
- EF-1/EF-2 high on flow
- RTU-1 ALARM
- RTU-1 Final Filters
- RTU-1 low on flow

05-26-25 FREDDYS ELKHART, IN

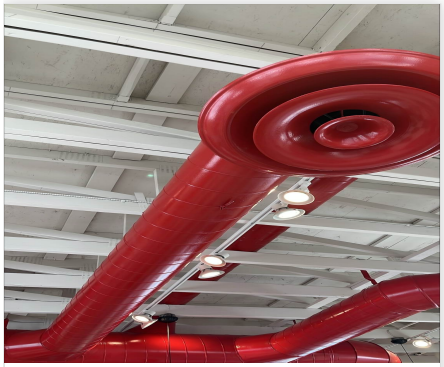
Project Issue Information

Issue Name : Diffuser 1-6 low on flow

Description : RTU-1 diffuser 1-6 is low on flow, this could be to it being the first duct run closest to the supply drop causing airflow to shoot passed it, Recommend installing a scoop inside the ductwork to help direct airflow to this diffuser.

Created By :	National TAB	**Assigned To :**	National TAB - Dylan Crisman
Status :	Open		
Priority :	Medium	**Asset Tag :**	
Originated Date :	05/29/2025 - Dylan Crisman - National TAB		

Project Issue File Details



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Project Issue Information

Issue Name : EF-1/EF-2 high on flow

Description : EF-1/EF-2 are high on flow at 99/75CFM and 94/75CFM. Units have been rewired for low speed and cannot be reduced further.

Created By : National TAB

Assigned To : National TAB - Dylan Crisman

Status : Open

Priority : High

Asset Tag :

Originated Date : 05/29/2025 - Dylan Crisman - National TAB

Project Issue File Details

05/29/2025

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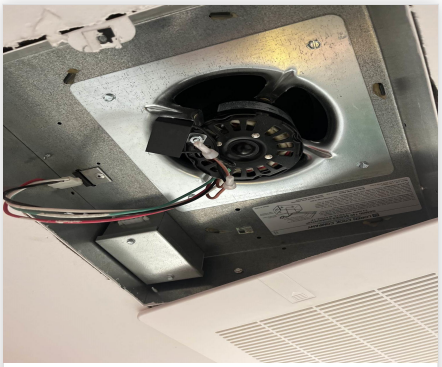

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05-26-25 FREDDYS ELKHART, IN

Project Issue Information

Issue Name : RTU-1 ALARM

Description : RTU-1 alarm reads “using return air instead of space temp” recommend mechanical check wiring on space sensor and at unit for short/loose wire to correct.

Created By : National TAB

Assigned To : National TAB - Dylan Crisman

Status : Open

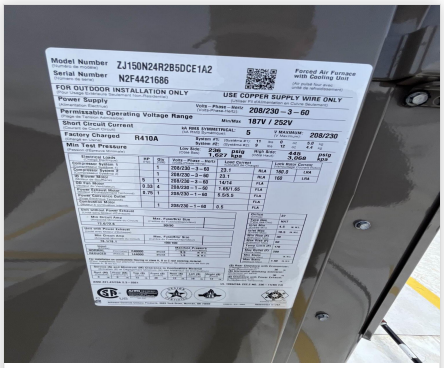
Priority : High

Asset Tag :

Originated Date : 05/29/2025 - Dylan Crisman - National TAB

Project Issue File Details

05/29/2025



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05-26-25 FREDDYS ELKHART, IN

Project Issue Information

Issue Name : RTU-1 Final Filters

Description : RTU-1 has construction filters installed. Recommend replacing with correct size (20x24x2) merv 8 rated pleated filters.

Created By : National TAB

Assigned To : National TAB - Dylan Crisman

Status : Open

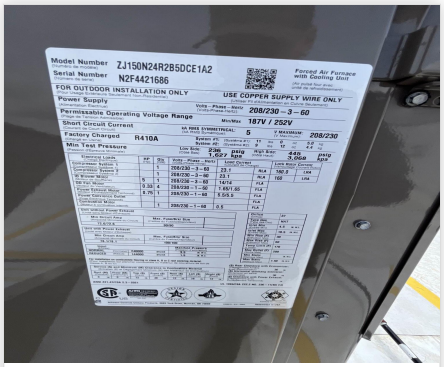
Priority : Low

Asset Tag :

Originated Date : 05/29/2025 - Dylan Crisman - National TAB

Project Issue File Details

05/29/2025



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05-26-25 FREDDYS ELKHART, IN

Project Issue Information

Issue Name : RTU-1 low on flow

Description : RTU-1 is low on flow. Static pressures are high showing restriction in ductwork. Return drop ducts are looped back up towards the ceiling shortly after entry to the dining room pointed up at the ceiling with only 11 inches of clearance. This could be causing the restriction in ductwork. Unit is at 4296/5000CFM. Balanced proportionally low.

Created By : National TAB

Assigned To : National TAB - Dylan Crisman

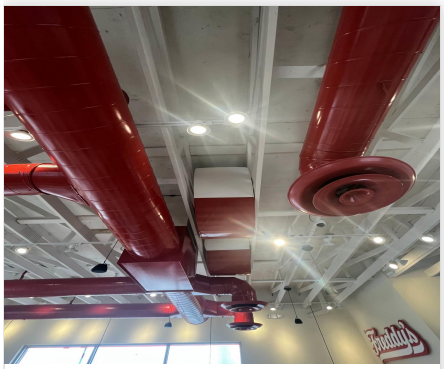
Status : Open

Priority : High

Asset Tag :

Originated Date : 05/29/2025 - Dylan Crisman - National TAB

Project Issue File Details



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NATIONAL TAB

AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
RTU-1	DINING ROOM	5000	4296	4110	3408	890	888	17.8%	20.7%						
DOAS-1	KITCHEN	2300	2313	0	0	2300	2313	100.0%	100.0%						
KEF-1	GRIDDLE HOOD											1600	1604		
KEF-2	FRYER HOOD											775	773		
EF-1	WOMENS RR													75	94
EF-2	MENS RR													75	99
TOTALS		7300	6609	4110	3408	3190	3201			0	0	2375	2377	150	193

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3190	3201
TOTAL EXHAUST	2525	2570
NET AIRFLOW	665	631

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.0051
SIDE	
REAR	0.0047
AVERAGE	**0.0049**

FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✔

MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✔

PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✔

NOTES:

CheckList List

- STEP 4: FINAL TESTS
- STEP 2: UNIT DATA AND EVAL
- STEP 3: TEST, ADJUST AND BALANCE
- STEP 1: INITIAL SITE WALK THROUGH

05-26-25 FREDDYS ELKHART, IN

CheckList Information

Name :	STEP 4: FINAL TESTS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	05/21/2025 - Tara Metcalf - National TAB		
Completed Date :	05/29/2025 - Dylan Crisman - National TAB		

CheckList Item Details

FINAL TESTS

HOOD CAPTURE TEST

List equipment turned on for testing

Comment:

NONE

List smoke candle type used

Comment:

CE0163 45 sec 150CF

Smoke test capture - Perimeter of hood

Comment:

100%

Smoke test capture - Top of cooking surface

Comment:

100%

WITNESS

Date test was completed	05/29/2025

Comment:

TAB tech name / Firm

Comment:

Dylan Crisman / NTi

Site super name / Firm

Comment:

Ken Weaver

Owner representative name / Firm (if Applicable)

Comment:

Building pressure at front & back doors (All Systems On)

Comment:

BACK DOOR 0.0046” FRONT DOOR 0.0051”

ADDITIONAL

Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)

Comment:

YES

Thermostats are programmed?	Yes

Comment:

05-26-25 FREDDYS ELKHART, IN

CheckList Information

Name :	STEP 2: UNIT DATA AND EVAL	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	05/21/2025 - Tara Metcalf - National TAB		
Completed Date :	05/29/2025 - Dylan Crisman - National TAB		

CheckList Item Details

UNIT DATA AND EVALUATION WHILE GATHERING UNIT DATA CHECK THE FOLLOWING:

RTU's/AHU's

Economizers are assembled and functional?	Yes
Comment:	
DCV Max damper opening position is set to minimum?	Yes
Comment:	
Free cooling enthalpy set point set for lowest setting (Typically "D")	Yes
Comment:	
Motors are all operating below the FLA rating?	Yes
Comment:	

Are belts tight?

Comment:

YES

If direct drive unit is the speed controller working.

Comment:

YES

Is gas piping installed and valves turned on?	Yes

Comment:

Unit free of noticeable noise and vibration	Yes

Comment:

EF's

Rotation is correct?	Yes

Comment:

Belts are tight?

Comment:

NA/DD

Grease cup installed on hood fan?	Yes

Comment:

Hinge kit installed installed on hood fan?	Yes

Comment:

Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?	Yes

Comment:

Flex conduit is long enough so that fan can be completely tilted back?	Yes

Comment:

There is no major leakage around base of fan?	Yes

Comment:

Is the motor operating below the motor FLA rating?	Yes

Comment:	
For restroom fan(s) is the back draft damper installed and can it fully open?	Yes
Comment:	
Unit free of noticeable noise and vibration?	Yes
Comment:	
MUA	
Rotation is correct?	N/A
Comment:	
Gas piping is installed and valves are in on position?	N/A
Comment:	
Heater tested and is functional?	N/A
Comment:	
Internal motorized damper is fully opening?	N/A
Comment:	
Motor is operating below the FLA rating?	N/A
Comment:	
Unit free of noticeable noise and vibration?	N/A
Comment:	
HOODS	
Kitchen equipment installed in proper places?	Yes
Comment:	
Can kitchen equipment be turned on for final smoke test?	No
Comment:	

DOCUMENTATION	
Have trades/general contractor been notified about any issues and are they created on FaciliBuild?	Yes
Comment:	

05-26-25 FREDDYS ELKHART, IN

CheckList Information

Name :	STEP 3: TEST, ADJUST AND BALANCE	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	05/21/2025 - Tara Metcalf - National TAB		
Completed Date :	05/29/2025 - Dylan Crisman - National TAB		

CheckList Item Details

TEST, ADJUST, AND BALANCE ALL EQUIPMENT:

DURING TESTING MAKE NOTE OF THE FOLLOWING:

Is space free of drafting?	Yes
Comment:	
Is space comfortable in all areas?	Yes
Comment:	
Is the space free of ventilation noise?	Yes
Comment:	

If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".

Comment:

NA

05-26-25 FREDDYS ELKHART, IN

CheckList Information

Name :	STEP 1: INITIAL SITE WALK THROUGH	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	05/21/2025 - Tara Metcalf - National TAB		
Completed Date :	05/29/2025 - Dylan Crisman - National TAB		

CheckList Item Details

INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design?	Yes
Comment:	
All hood filters installed and accounted for?	Yes
Comment:	
Hoods are wired and have power?	Yes
Comment:	
Hood is free of alarms?	Yes
Comment:	
Thermostats have power?	Yes
Comment:	

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

Comment:

YES

National TAB

Project: 05-26-25 FREDDYS ELKHART, IN

System/Unit: AHU/RTU

Asset: DOAS1 AREA:KITCHEN DOAS

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Serial Num	-	6917261
Model Num	CASRTU3-I.300.15-20T-DOAS	CAS-HVAC3-I.300-15-15T
Type	DOAS	DOAS
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	4
OA Filter Size 1	-	16X25X2
Num Final Filter 1	-	8
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO-WESTINGHOUSE
Frame	-	145T
Horsepower	2	2.0
Motor Rpm	-	1740
Phase	3	3
Rated Voltage	208	230
Rated Amperage	-	5.48

Test Data		
	Design	**Actual**
SF CFM	2300	2313
SF RPM	-	1751
RA CFM	0	0
OA CFM	2300	2313
RL Voltage	-	207
RL Amperage	-	5.1
SF Rotation	-	CW
SF System SetPt	-	60.4
RA Damper Position	-	MECHANICAL LINKAGE
Min OA Damper Position	-	100%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
Fan Discharge SP	-	0.40”

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	YES
Condensate Drain Installed	YES

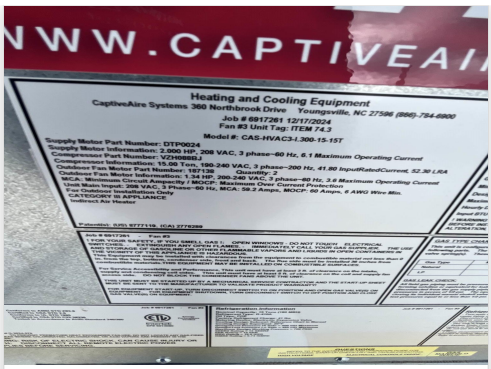
Completed By: Dylan Crisman on 05/29/2025

Notes:
Unit in unoccupied/recirculation 2140CFM

Written By: Dylan Crisman on 05/29/2025

Unit Data - PHOTO LOG

05/29/2025



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National TAB

Project:05-26-25 FREDDYS ELKHART, IN

AHU/RTU

Diffuser Supply (GRD)

DOAS1/KITCHEN DOAS

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	KITCHEN	SD2	10"	272	1.0	236	273	273	100.4
SGRD2	KITCHEN	SD3	10"	272	1.0	220	261	261	96.0
SGRD3	KITCHEN	SD3	10"	272	1.0	220	256	256	94.1
SGRD4	KITCHEN	SD2	10"	272	1.0	251	289	289	106.3
SGRD5	KITCHEN	SD2	10"	272	1.0	240	267	267	98.2
SGRD6	KITCHEN	SD2	10"	272	1.0	229	268	268	98.5
SGRD7	KITCHEN	SSD4	10"	150	1.0	149	153	153	102.0
SGRD8	KITCHEN	SD2	10"	272	1.0	238	261	261	96.0
SGRD9	KITCHEN	SD2	10"	272	1.0	245	285	285	104.8
Total				2326		2028	2313	2313	99.44%

Completed By: Dylan Crisman on 05/29/2025

National TAB

Project: 05-26-25 FREDDYS ELKHART, IN

System/Unit: AHU/RTU

Asset: RTU1 AREA:DINING

Unit Data		
	Design	**Actual**
MFG	TRANE	YORK
Serial Num	-	N2F4421686
Model Num	YSJ-150	ZJ150N24R2B5DCE1A2
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	29X21
Num Final Filter 1	-	4
Final Filter Size 1	-	20X24X2

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR-RELIANCE
Frame	-	184T
Horsepower	3	5.0
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	13.5

Drive Data	
	Actual
Motor Sheave Size	1VP50
Motor Bore Size	1-1/8"
Motor Sheave SetPt	3 TURNS OPEN
Fan Sheave Size	7.5"
Fan Sheave Bore	1"
Belt CL Distance	19.5"
Num of Belts	1
Belt Size	BX56
Belt Alignment	VERIFIED

Test Data		
	Design	**Actual**
SF CFM	5000	4296[1]
SF RPM	-	
RA CFM	4019	3408
OA CFM	890	888
RL Voltage	-	214/212/212
RL Amperage	-	14.2[2]
SF Rotation	-	CW
SF System SetPt	-	3 TURNS OPEN
RA Damper Position	-	MECHANICAL LINKAGE
Min OA Damper Position	-	20%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	27B

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.72”
Fan Suction SP	-	-1.13”
Fan Discharge SP	-	0.98”
Total ESP	1.00"	1.7”
Fan Total SP	-	2.11

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	YES
Condensate Drain Installed	YES

Completed By: Dylan Crisman on 05/29/2025

Notes:
[1]Unit low on flow at FLA. balanced proportionally low.
[2] unit is above FLA (13.5) but under service factor (14.65) at (14.2)

Written By: Dylan Crisman on 05/29/2025

Unit Data - PHOTO LOG

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National TAB

Project:05-26-25 FREDDYS ELKHART, IN

AHU/RTU

Diffuser Supply (GRD)

RTU1/DINING

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	DINING	SD1	12"	520	1.0	712	605	457	87.9
SGRD2	DINING	SD1	12"	520	1.0	421	517	468	90.0
SGRD3	DINING	SD1	12"	520	1.0	445	644	441	84.8
SGRD4	DINING	SD1	12"	490	1.0	391	561	439	89.6
SGRD5	DINING	SD1	12"	520	1.0	372	427	436	83.8
SGRD6	DINING	SD1	12"	520	1.0	336	104	368	70.8
SGRD7	DINING	SD1	12"	150	1.0	445	64	136	90.7
SGRD8	DINING	SD5	8"	520	1.0	365	339	458	88.1
SGRD9	DINING	SD1	12"	520	1.0	354	469	446	85.8
SGRD10	DINING	SD1	12"	520	1.0	61	521	452	86.9
SGRD11	DINING	SD1	6"	50	1.0	65	60	54	108.0
SGRD12	DINING	SD5	6"	88	1.0	89	46	90	102.3
SGRD13	DINING	SD5	6"	50	1.0	59	49	51	102.0
Total				4988		4115	4406	4296	86.13%

Completed By: Dylan Crisman on 05/29/2025

National TAB

Project: 05-26-25 FREDDYS ELKHART, IN

System/Unit: FAN - Exhaust

Asset: EF1 AREA:WOMENS RR

Unit Data		
	Design	**Actual**
MFG	GREENHECK	COOK
Model Num	SP-S200-390	GEMINI 140
Serial Num	-	615738
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	QUEACE
Motor Rpm	1550	1550
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	0.22

Test Data		
	Design	**Actual**
CFM	75	99
Fan Rotation	-	CW
System SetPt	-	WIRED FOR LOW SPEED
RL Voltage	-	117
Fan Discharge SP	-	ATM

Completed By: Dylan Crisman on 05/29/2025

Notes:
EF is high on flow at 99/75CFM. Unit is wired for low speed unable to reduce speed further.

Written By: Dylan Crisman on 05/29/2025

National TAB

Project: 05-26-25 FREDDYS ELKHART, IN

System/Unit: FAN - Exhaust

Asset: EF2 AREA:MENS RR

Unit Data		
	Design	**Actual**
MFG	GREENHECK	COOK
Model Num	SP-A200-390	GEMINI 140
Serial Num	-	615720
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	QUEACE
Motor Rpm	1550	1550
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	0.22

Test Data		
	Design	**Actual**
CFM	150	94
Fan Rotation	-	CW
System SetPt	-	WIRED FOR LOW SPEED
RL Voltage	-	118
RL Amperage	-	0.18
Fan Discharge SP	-	ATM

Completed By: Dylan Crisman on 05/29/2025

Notes:
EF is high on flow at 94/75CFM. Unit is wired for low speed unable to reduce speed further.

Written By: Dylan Crisman on 05/29/2025

National TAB

Project: 05-26-25 FREDDYS ELKHART, IN

System/Unit: FAN - Exhaust

Asset: KEF1 AREA:GRIDDLE HOOD FAN

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	CASRE18DD	CASRE18DD
Serial Num	-	6917261
Type	UTILITY	UTILITY
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO-WESTINGHOUSE
Frame	-	145T
Horsepower	1	1.0
Motor Rpm	1143	1150
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	3.44
Service Factor	-	1.15

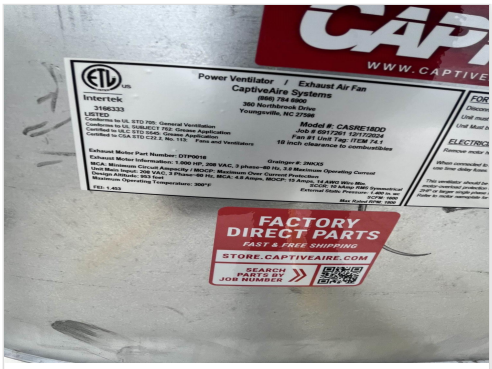
Test Data		
	Design	**Actual**
CFM	1600	1604
Fan RPM	-	1125
Fan Rotation	-	CCW
Motor RPM	-	1125
RL Voltage	-	163@VFD
RL Amperage	-	3.1@VFD
Suction ESP	-	-0.67”
Discharge ESP	-	ATM
Total ESP	1.500"	-0.67”

Completed By: Dylan Crisman on 05/29/2025

Notes:
System setpoint 58.7Hz

Written By: Dylan Crisman on 05/29/2025

Unit Data - PHOTO LOG



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National TAB

Project: 05-26-25 FREDDYS ELKHART, IN

System/Unit: FAN - Exhaust

Asset: KEF2 AREA:FRYER HOOD FAN

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU50HFA	DU50HFA
Serial Num	-	6917261
Type	UPBLAST/CEILING	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TELCO-GREEN
Frame	-	NL
Horsepower	.500	0.500
Motor Rpm	1575	1800
Phase	3	1
Voltage (rated)	208	115
Amperage (rated)	-	6.3

Test Data		
	Design	**Actual**
CFM	775	773
Fan RPM	-	1044
Fan Rotation	-	CCW
Motor RPM	-	1044
System SetPt	-	58%
RL Voltage	-	216/216
RL Amperage	-	1.1/1.2
Total ESP	1.200"	0.41”
Fan Inlet SP	-	-0.41”
Fan Discharge SP	-	ATM

Completed By: Dylan Crisman on 05/29/2025

Unit Data - PHOTO LOG

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National TAB

Project: 05-26-25 FREDDYS ELKHART, IN

System/Unit: Kitchen Hood Type I

Asset: HD1 AREA:GRIDDLE HOOD

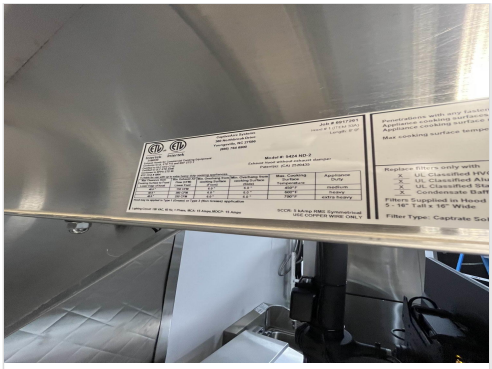
Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424-ND-2	5424-ND-2
Job / Serial Num	-	6917261
Type	TYPE I - CANOPY	TYPE I CANOPY
Hood length	96"	96"
Hood Width	54"	54"

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	16X16	16X16
Filter Qty 1	5	5
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	8.1	8.1
Filter1 FPM	-	189
Filter2 FPM	-	207
Filter3 FPM	-	193
Filter4 FPM	-	206
Filter5 FPM	-	198
Filter Ave FPM(corr)	-	198
CFM	1600	1604

Cooking Equipment	
	Actual
Item 1	GRIDDLE
Item 2	BURGER PRESS

Completed By: Dylan Crisman on 05/29/2025

Unit Data - PHOTO LOG



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National TAB

Project: 05-26-25 FREDDYS ELKHART, IN

System/Unit: Kitchen Hood Type I

Asset: HD2 AREA:FRYER HOOD

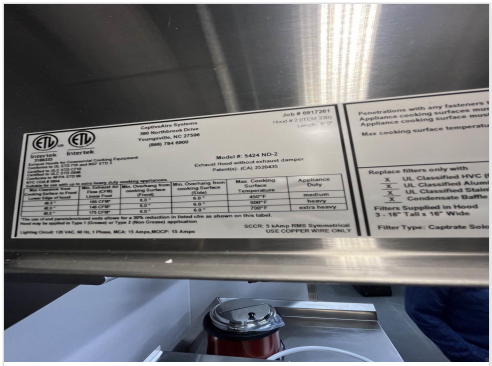
Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	54024-ND-2	54024-ND-2
Job / Serial Num	-	6917261
Type	TYPE I - CANOPY	TYPE I CANOPY
Hood length	60"	60"
Hood Width	54"	54"

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	16X16	16X16
Filter Qty 1	3	3
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	4.86	4.86
Filter1 FPM	-	154
Filter2 FPM	-	165
Filter3 FPM	-	159
Filter Ave FPM(corr)	-	159
CFM	775	773

Cooking Equipment	
	Actual
Item 1	FRYER
Item 2	FRYER

Completed By: Dylan Crisman on 05/29/2025

Unit Data - PHOTO LOG



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