Report By:

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

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 12/01/2025

Completed By: National TAB

PROJECT

11-17-25 WAWA #5454 LEESBURG, FL

SR 44 & WEST MAIN STREET

LEESBURG , FL

Client

Wawa

260 West Baltimore Pike

Wawa, PA 19063

National TAB

Project: 11-17-25 WAWA #5454 LEESBURG, FL

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Project Summary

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.

RTU's (Roof Top Units) w/ Diffusers
Each of the RTU's were measured at their terminal devices or via traverse to establish a total flow for that unit. Each RTU 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.

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.

Ceiling Exhaust Fans
The ceiling exhaust fans were measured using a flow hood. If speed adjustment was provided, the fan speed was adjusted to within design tolerance. 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 and that the pressure measurement coincides with the actual and design net airflow. Any deviations from these standards are noted throughout the report

Issue List

- EF 1 Motor Driver
- EF1 Not Operational
- EF2 CFM
- RTU 3 Heating
- RTUs 1-3 Dehumidification

Project Issue Information

Issue Name : EF 1 Motor Driver

Description : Unable to locate a driver for EF 1 in motor compartment or in crawlspaces above ceiling.

Created By :	National TAB	**Assigned To :**	National TAB - Dan Hertenstein
Status :	Open		
Priority :	Urgent	**Asset Tag :**	EF1
Originated Date :	11/18/2025 - Jackson Gunnels - National TAB		

Project Issue File Details

11/19/2025

11-17-25 WAWA #5454 LEESBURG, FL

Project Issue Information

Issue Name : EF1 Not Operational
Description : EF1 is not receiving any power. Not operational.

Created By : National TAB
Assigned To : National TAB - Dan Hertenstein

Status : Open
Priority : Urgent
Asset Tag : EF1
Originated Date : 11/18/2025 - Jackson Gunnels - National TAB

Project Issue File Details

11/18/2025

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Project Issue Information

Issue Name :	EF2 CFM		
Description :	Was unable to set fan speed low enough to be within design CFM		
Created By :	National TAB	**Assigned To :**	National TAB - Dan Hertenstein
Status :	Open		
Priority :	Medium	**Asset Tag :**	EF2
Originated Date :	11/19/2025 - Jackson Gunnels - National TAB		

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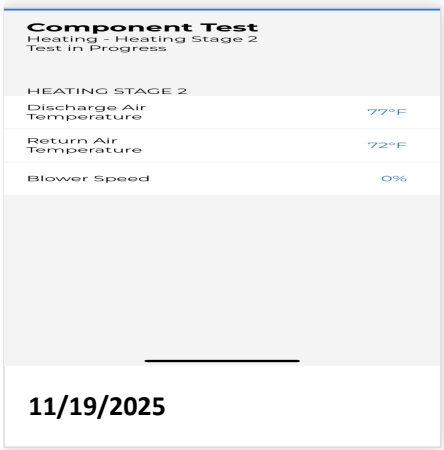
Project Issue Information

Issue Name : RTU 3 Heating

Description : RTU 3 was unable to satisfy pass condition of 10 degrees above entering air temperature during testing.

Created By :	National TAB	**Assigned To :**	National TAB - Dan Hertenstein
Status :	Open		
Priority :	Urgent	**Asset Tag :**	RTU3
Originated Date :	11/19/2025 - Jackson Gunnels - National TAB		

Project Issue File Details



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Project Issue Information

Issue Name : RTUs 1-3 Dehumidification

Description : RTUs 1-3 were unable to reheat air during dehumidification test. Reheat coil was not warm to touch.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

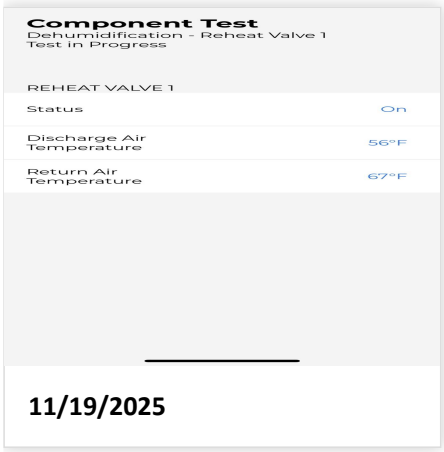
Status : Open

Priority : Urgent

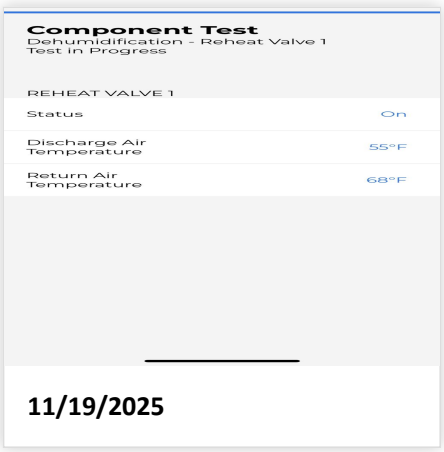
Asset Tag : RTU1

Originated Date : 11/19/2025 - Jackson Gunnels - National TAB

Project Issue File Details



11/19/2025



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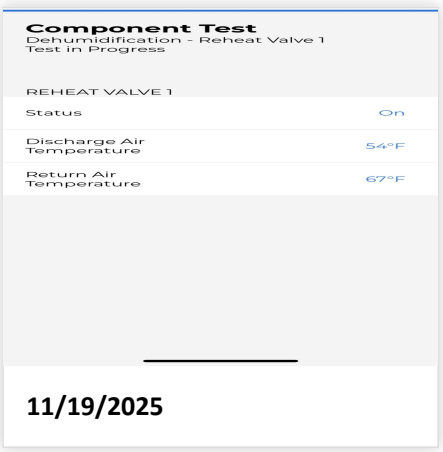

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NATIONAL TAB

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	RETAIL	3400	3430	2900	2937	500	493	14.7%	14.4%						
RTU-2	FOOD SERVICE	4000	4669	3250	3931	750	738	18.8%	15.8%						
RTU-3	FOH	3000	2972	2550	2523	450	449	15.0%	15.1%						
EF-1	BOH											1200	0		
EF-2	WATER SERVICE													60	93
TOTALS		10400	11071	8700	9391	1700	1680			0	0	1200	0	60	93

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1700	1680
TOTAL EXHAUST	1260	93
NET AIRFLOW	440	1587

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.0083
SIDE	0.0087
REAR	0.0105
AVERAGE	**0.0092**

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:

MSET HVAC floor plan and RTU schedule differ in total flow for RTU 2. Unit balance to specifications of floor plan.

CheckList List

- 01: RTU's/AHU's
- 02: LENNOX SETUP PARAMETERS
- 03: SENSOR WIRING (LENNOX)
- 04: EF'S
- 05: CLOSEOUT CHECKS
- RTU 1: SMOKE DETECTOR
- RTU 2: SMOKE DETECTOR
- RTU 3: SMOKE DETECTOR

11-17-25 WAWA #5454 LEESBURG, FL

CheckList Information

Name :	01: RTU's/AHU's	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/17/2025 - Natasha Louw - National TAB		
Completed Date :	11/19/2025 - Jackson Gunnels - National TAB		

CheckList Item Details

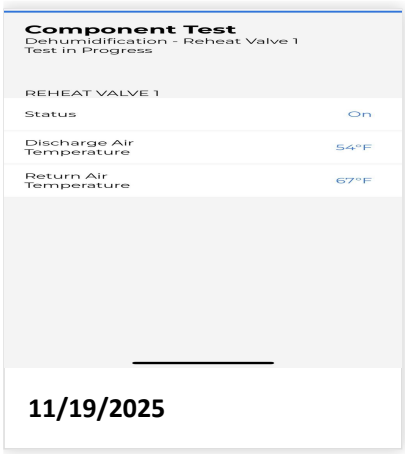
RTU's/AHU's

All diffusers and grilles are installed and match design?	Pass
Comment:	
Clean filters installed?	Pass
Comment:	
Economizers are assembled and functional?	Pass
Comment:	
Motors are all operating below the FLA rating?	Pass
Comment:	
Are belts tight?	N/A
Comment:	
If direct drive unit is the speed controller working?	Pass
Comment:	
Is gas piping installed and valves turned on?	N/A

Comment:	
Condensate drains are installed?	Pass
Comment:	
Unit free of noticeable noise and vibration	Pass
Comment:	
Final outside air damper position is marked with permanent marker?	Pass
Comment:	
No alarms present?	Pass
Comment:	
Any noticeable duct leakage?	Pass
Comment:	
Total supply and OA flows are balanced within +/-5% and supply & return diffusers within +/-10%?	Pass
Comment:	
Adjust side wall diffusers on spiral duct that blow towards the coffee island drop-in to prevent issues with it staying at temperature. Fan out of the deflector blades or reduce airflow as necessary to prevent drafting.	N/A
Comment:	
IN TEST MODE, TEST THE FOLLOWING:	
Cooling mode is operational? Record EAT/LAT for each unit:	Pass
Comment:	
Heating mode is operational? Record EAT/LAT for each unit:	Fail
Comment: Unit 1 did not reach 10 degrees above ambient	
Dehumidification mode is operational? (Feel dehumidification coil with your hand. Is it hot?) Record EAT/LAT for each unit:	Fail

Comment:

Units did not show reheat. Discharge remained low and reheat coils were not warm to touch.



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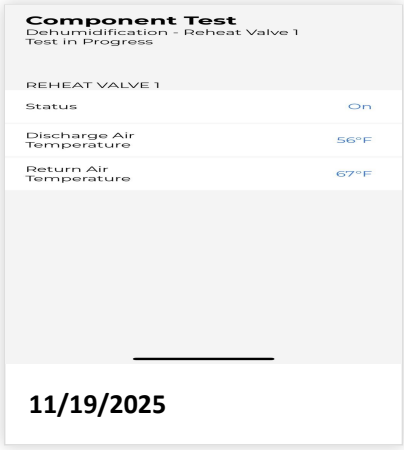

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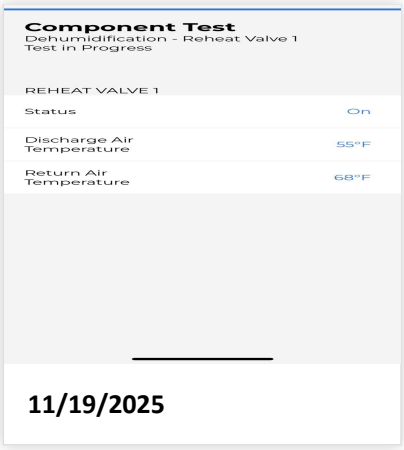

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Notes/Comments :

Returns on unit 2 have not yet been balanced

Date :11/19/2025

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CheckList Information

Name :	02: LENNOX SETUP PARAMETERS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/17/2025 - Natasha Louw - National TAB		
Completed Date :	11/24/2025 - Jackson Gunnels - National TAB		

CheckList Item Details

UNIT ID CONFIGURATIONS

BACNET CONFIGURATION: GO TO SETTINGS>GENERAL>CONFIGURATION ID1 POSITION 5 SET TO "N".	Pass
Comment:	
NETWORK CONFIGURATION: GO TO SETUP>NETWORK INTEGRATION, SET TO BACNET IP	Pass
Comment:	
CONTROL MODE: SET CONTROL MODE TO ROOM SENSOR: CO2, TEMP & HUMIDITY (PER UNIT, AS NEEDED).	Pass
Comment:	

INDIVIDUAL PARAMETER CONFIGURATIONS (MECHANICAL CONTRACTOR TO DEFINE / AS APPLICABLE):

PARAMETER 105 DEHUMID MODE: 7 NO CONDITIONS	Pass
Comment:	
PARAMETER 106 DEHUMID SETPOINT: 50, THIS IS A CENTERED SET POINT (+/-)	Yes
Comment:	
PARAMETER 107 DEHUMID DEADBAND: 3 (DEFAULT) THIS IS THE ACTUAL +/- VALUE	Pass

Comment:

PARAMETER 117 CO2 DAMPER MAX OPEN: 50%	Pass

Comment:

PARAMETER 118 CO2 START OPEN PPM: 1500	Pass

Comment:

PARAMETER 119 CO2 MAX OPEN PPM: 1500	Pass

Comment:

PARAMETER 137 OCCHET SET POINT: 68 (BACK UP)	Pass

Comment:

PARAMETER 131 SET TO THE SAME % AS THE MINMIUM OA DAMPER SETPOINT	Pass

Comment:

PARAMETER 139 OCC COOLING SET POINT: 72 (BACK UP)	Pass

Comment:

PARAMETER 154 OCC BLOWER MODE: ON-CONTINUOUS 1	Pass

Comment:

CFM VALUES / MSAV FAN SPEEDS (AIR BALANCER TO DEFINE / IF APPLICABLE):

OA DAMPER SET TO SAME POSITION IN ALL FAN SPEEDS?	Pass

Comment:

ALL FAN SPEEDS SET TO THE SAME CFM VALUE (ENTER SETPOINTS BELOW)	Pass

Comment:

HEAT CFM VALUE: PER THE HVAC SCHEDULE	Pass

Comment:

HIGH COOL CFM VALUE: THE HIGH COOL CFM VALUE	Pass

Comment:	
LOW COOL CFM VALUE: MATCH THE HIGH COOL CFM VALUE	Pass
Comment:	
VENTILATION CFM VALUE: MATCH THE HIGH COOL CFM VALUE	Pass
Comment:	

11-17-25 WAWA #5454 LEESBURG, FL

CheckList Information

Name :	03: SENSOR WIRING (LENNOX)	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/17/2025 - Natasha Louw - National TAB		

CheckList Item Details

COMBINATION TEMPERATURE/HUMIDITY SENSOR

Sensors are installed where shown on the drawing?	
Comment:	
2 conductor shielded cable has one wire landed to Vin, one to GND, and the shield wire is not connected.	
Comment:	
For second shielded cable, one wire is landed to Vout and the shield wire is not connected.	
Comment:	
Verify that the CORE or Prodigy controller is sensing a relative humidity (record the reading)	
Comment:	

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CheckList Information

Name :	04: EF'S	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/17/2025 - Natasha Louw - National TAB		
Completed Date :	11/24/2025 - Jackson Gunnels - National TAB		

CheckList Item Details

EF's

Rotation is correct?	N/A
Comment: Unable to determine rotation on either fan.	
Belts are tight (if applicable)?	N/A
Comment:	
Speed controller installed and functional (if applicable)?	Fail
Comment: No speed controller on EF1	
There is no major leakage around base of fan?	N/A
Comment: Unable to confirm. Ef1 unpowered	
Is the motor operating below the motor FLA rating?	N/A
Comment: Ef1 does not have power	
Back draft damper installed and can it fully open?	Pass

Comment:	
Unit free of noticeable noise and vibration?	Pass
Comment:	
Total exhaust flow balanced within +/-5% and grilles are within +/-10%?	Fail
Comment: EF1 is unpowered. EF2 could not be slowed enough.	

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CheckList Information

Name :	05: CLOSEOUT CHECKS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/17/2025 - Natasha Louw - National TAB		
Completed Date :	11/24/2025 - Jackson Gunnels - National TAB		

CheckList Item Details

SPACE COMFORT

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

BUILDING PRESSURE

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

11-17-25 WAWA #5454 LEESBURG, FL

CheckList Information

Name :	RTU 1: SMOKE DETECTOR	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/17/2025 - Natasha Louw - National TAB		

CheckList Item Details

RTU #

Smoke detector manufacturer/model

Comment:

Acceptable pressure tolerance

Comment:

Actual pressure measurement

Comment:

Pass/Fail:

Comment:

11-17-25 WAWA #5454 LEESBURG, FL

CheckList Information

Name :	RTU 2: SMOKE DETECTOR	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/17/2025 - Natasha Louw - National TAB		

CheckList Item Details

RTU #

Smoke detector manufacturer/model

Comment:

Acceptable pressure tolerance

Comment:

Actual pressure measurement

Comment:

Pass/Fail:

Comment:

11-17-25 WAWA #5454 LEESBURG, FL

CheckList Information

Name :	RTU 3: SMOKE DETECTOR	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/17/2025 - Natasha Louw - National TAB		

CheckList Item Details

RTU #

Smoke detector manufacturer/model

Comment:

Acceptable pressure tolerance

Comment:

Actual pressure measurement

Comment:

Pass/Fail:

Comment:

National TAB

Project: 11-17-25 WAWA #5454 LEESBURG, FL

System/Unit: AHU/RTU

Asset: RTU1 AREA:RETAIL

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624L02315
Model Num	LCT102H4E	LCT102H4EG2Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	34x14.125
Num Final Filter 1	-	4
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	**Actual**
Horsepower	3.75	3.8
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.7
Service Factor	-	

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	3400	3430
SF RPM	-	979
MOTOR RPM	-	DIRECT DRIVE
RA CFM	2900	2937
OA CFM	500	493
RL Voltage	-	215/215/216
RL Amperage	-	2.5/2.5/2.4
SF System SetPt	-	63%
RA Damper Type	-	NONE
OA Damper Position	-	32%
OA Damper Type	-	MOTORIZED

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	-0.26"
Fan Discharge SP	-	0.52"
Total ESP	0.50"	
Fan Total SP	-	

Unit Data - PHOTO LOG

11/17/2025

National TAB

Project:11-17-25 WAWA #5454 LEESBURG, FL

AHU/RTU

Diffuser Supply (GRD)

RTU1/RETAIL

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	RETAIL	LD-1	10"	350	1			365	104.3
SGRD2	RETAIL	LD-1	10"	350	1			341	97.4
SGRD3	RETAIL	LD-1	10"	350	1			349	99.7
SGRD4	RETAIL	LD-1	10"	325	1			347	106.8
SGRD5	ASSOCIATES	CD-1	8"	150	1			153	102.0
SGRD6	OFFICE	CD-1	8"	150	1			152	101.3
SGRD7	RETAIL	LD-1	10"	325	1			357	109.8
SGRD8	RETAIL	LD-1	10"	325	1			322	99.1
SGRD9	RETAIL	LD-1	10"	325	1			330	101.5
SGRD10	RETAIL	LD-1	10"	325	1			293	90.2
SGRD11	WOMENS RR	CD-3	6"	50	1			54	108.0
SGRD12	REAR VESTIBULE	CD-3	6"	100	1			109	109.0
SGRD13	MENS RR	CD-3	6"	75	1			71	94.7
SGRD14	DELIVERY	CD-1	8"	200	1			187	93.5
Total				3400		0	0	3430	100.88%

National TAB

Project: 11-17-25 WAWA #5454 LEESBURG, FL

System/Unit: AHU/RTU

Asset: RTU2 AREA:FOOD SERVICE

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624K02264
Model Num	LCT150H4E	LCT150H4EN1Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	23x14.125
Num Final Filter 1	-	4
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	**Actual**
Horsepower	3.75	3.8
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.7

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	5000	4669
SF RPM	-	1847
MOTOR RPM	-	DIRECT DRIVE
RA CFM	4250	3931
OA CFM	750	738
RL Voltage	-	213/214/214
RL Amperage	-	5.6/5.6/5.7
SF System SetPt	-	84
RA Damper Type	-	NONE
OA Damper Position	-	51%
OA Damper Type	-	MOTORIZED

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	-0.37
Fan Discharge SP	-	0.80"
Total ESP	0.50"	
Fan Total SP	-	

Notes:
GRD and MSET RTU schedule do not match. Diffuser 3 calls for 0 CFM.

Written By: Jackson Gunnels on 11/18/2025

Unit Data - PHOTO LOG

11/17/2025

National TAB

Project:11-17-25 WAWA #5454 LEESBURG, FL

AHU/RTU

Diffuser Supply (GRD)

RTU2/FOOD SERVICE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	FOOD SERVICE	LD-1	12"	500	1	506	493	506	101.2
SGRD2	FOOD SERVICE	LD-1	12"	500	1	513	484	459	91.8
SGRD3	FOOD SERVICE	LD-1	12"	0	1	239	181	164	-
SGRD4	FOOD SERVICE	LD-1	12"	500	1	383	468	461	92.2
SGRD5	FOOD SERVICE	LD-1	12"	500	1	551	563	485	97.0
SGRD6	FOOD SERVICE	LD-1	12"	500	1	665	429	488	97.6
SGRD7	BACK ROOM	CD-1	10"	425	1	570	407	415	97.6
SGRD8	BACK ROOM	CD-1	10"	425	1	539	456	454	106.8
SGRD9	WASHROOM	CD-1	12"	525	1	688	574	561	106.9
SGRD10	STAGING	CD-1	6"	75	1	89	89	81	108.0
SGRD11	ELECTRICAL ROOM	CD-1	12"	550	1	733	596	595	108.2
Total				4500		5476	4740	4669	103.76%

Diffuser Ret/Exh (GRD)

RTU2/FOOD SERVICE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	FOOD SERVICE	G-1	14"	900					-
EGRD2	FOOD SERVICE	G-1	14"	800					-
EGRD3	FOOD SERVICE	G-1	14"	800					-
EGRD4	FOOD SERVICE	G-1	14"	850					-
EGRD5	FOOD SERVICE	G-1	14"	900					-
Total				4250		0	0	0	0%

National TAB

Project: 11-17-25 WAWA #5454 LEESBURG, FL

System/Unit: AHU/RTU

Asset: RTU3 AREA:FOH

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624L02318
Model Num	LCT092H4E	LCT092H4ERG2Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	34X14.125
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Horsepower	3.75	8
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.7

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	3000	2972
SF RPM	-	1014
MOTOR RPM	-	DIRECT DRIVE
RA CFM	2550	2523
OA CFM	450	449
RL Voltage	-	213/214/214
RL Amperage	-	5.3/6.3/6.4
SF System SetPt	-	57%
RA Damper Type	-	NONE
OA Damper Position	-	39%
OA Damper Type	-	MOTORIZED

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	-0.20"
Fan Discharge SP	-	0.33"
Total ESP	-	0.72"
Fan Total SP	-	0.53"

Unit Data - PHOTO LOG

11/17/2025

National TAB

Project:11-17-25 WAWA #5454 LEESBURG, FL

AHU/RTU

Diffuser Supply (GRD)

RTU3/FOH

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	RETAIL	LD-1	10"	400	1	407	442	388	97.0
SGRD2	RETAIL	LD-1	10"	350	1	413	414	363	103.7
SGRD3	RETAIL	LD-1	10"	350	1	438	380	333	95.1
SGRD4	RETAIL	LD-1	10"	350	1	374	390	342	97.7
SGRD5	RETAIL	LD-1	10"	350	1	379	400	351	100.3
SGRD6	RETAIL	LD-1	10"	350	1	348	377	331	94.6
SGRD7	RETAIL	LD-1	10"	350	1	440	434	381	108.9
SGRD8	ENTRANCE	CD-2	12"	500	1	661	551	483	96.6
Total				3000		3460	3388	2972	99.07%

National TAB

Project: 11-17-25 WAWA #5454 LEESBURG, FL

System/Unit: FAN - Exhaust

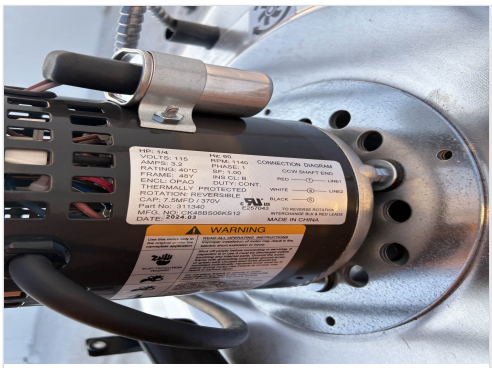
Asset: EF1 AREA:BOH

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	G-140	G-140
Serial Num	-	
Type	DOWNBLAST	CENTRIFUGAL
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	48Y
Horsepower	0.125	0.25
Motor Rpm	-	1140
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	3.2
Service Factor	-	1.00

Test Data		
	Design	**Actual**
CFM	1200	
Fan RPM	818	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.375"	
Fan Inlet SP	-	
Fan Discharge SP	-	

Unit Data - PHOTO LOG



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National TAB

Project:11-17-25 WAWA #5454 LEESBURG, FL

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF1/BOH

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	WOMENS RR	G-3	6"	100	1				-
EGRD2	RESTROOM	G-3	6"	100	1				-
EGRD3	MENS RR	G-3	6"	50	1				-
EGRD4	FOOD SERVICE	G-1	8"	200	1				-
EGRD5	FOOD SERVICE	G-1	8"	200	1				-
EGRD6	FOOD SERVICE	G-1	8"	200	1				-
EGRD7	FOOD SERVICE	G-1	8"	200	1				-
EGRD8	STAGING	G-1	6"	100	1				-
EGRD9	STAGING	G-1	6"	50	1				-
Total				1200		0	0	0	0%

National TAB

Project: 11-17-25 WAWA #5454 LEESBURG, FL

System/Unit: FAN - Exhaust

Asset: EF2 AREA:WATER SERVICE

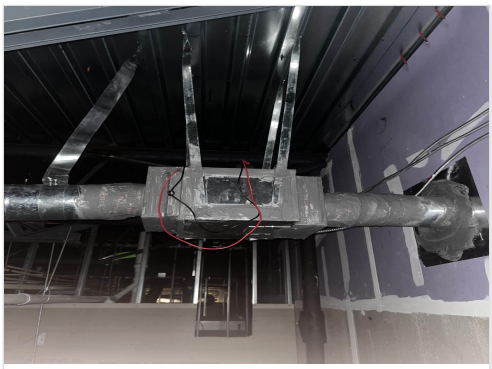
Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	CSP-B110	CSP-B110
Serial Num	-	
Type	INLINE	INLINE
Configuration	HORIZONTAL	HORIZONTAL

Test Data		
	Design	**Actual**
CFM	60	93
Fan RPM	584	
Fan Rotation	-	CORRECT
Motor RPM	-	
System SetPt	-	MINIMUM
RL Voltage	-	123
RL Amperage	-	0.15
Total ESP	0.125"	0.09”
Fan Inlet SP	-	-0.09”
Fan Discharge SP	-	ATM

Notes:
Fan is at minimum speed.

Written By: Jackson Gunnels on 11/18/2025

Unit Data - PHOTO LOG



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