Report By:

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

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 01/26/2026

Completed By: National TAB

PROJECT

08-18-25 WAWA #6620 ELKTON, VA

14825 ROCKINGHAM PIKE

ELKTON, VA 22827

Client

Wawa

260 West Baltimore Pike

Wawa, PA 19063

National TAB

Project: 08-18-25 WAWA #6620 ELKTON, VA

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.

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

- Diffuser 1-1 - Damper Jammed
- Diffuser EF1-2 - Wrong Grille Type
- Diffusers 1-7, 1-8 - Duct Connection
- Exhaust Ductwork
- RTU 1 Ductwork
- RTU 2 - Core Controls
- RTU 2 - Missing Supply/Return Grilles
- RTU 3 - Space Sensor
- RTU 3 Return Grille Open

08-18-25 WAWA #6620 ELKTON, VA

Project Issue Information

Issue Name : Diffuser 1-1 - Damper Jammed

Description : Diffuser 1-1 (electrical room) is currently at 38% design. Balancing damper is half closed and cannot be opened fully due to jamming. Recommend damper repair.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 08/21/2025 - Mark Johnson - National TAB

Project Issue File Details

08/21/2025

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Project Issue Information

Issue Name : Diffuser EF1-2 - Wrong Grille Type

Description : Exhaust diffuser EF1-2 (women's restroom) is using a SD-5 supply grille instead of the required EG-1 exhaust grille. The supply and exhaust grilles in the restroom appear to be swapped. Recommend installing correct grille.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : Low

Asset Tag :

Originated Date : 08/20/2025 - Mark Johnson - National TAB

Project Issue File Details

08/20/2025

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Project Issue Information

Issue Name : Diffusers 1-7, 1-8 - Duct Connection

Description : Flex duct for supply diffusers 1-6, 1-7 and 1-8 (food service) are fit loosely over the diffuser necks. Recommend securing with zip ties.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

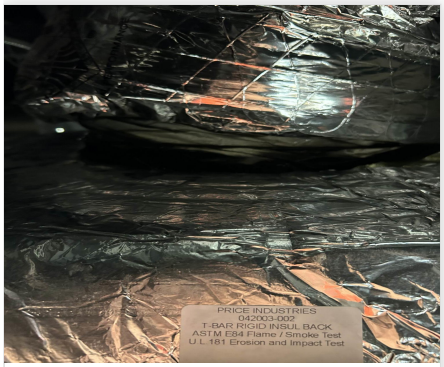
Status : Open

Priority : Medium

Asset Tag :

Originated Date : 08/21/2025 - Mark Johnson - National TAB

Project Issue File Details



08/21/2025

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Project Issue Information

Issue Name : Exhaust Ductwork

Description : Exhaust fan ductwork is constructed differently from plans. Mechanical plans specify 8X8 square duct for both rooftop exhaust fans. Installed is 8” round duct with flex at the diffuser connections.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

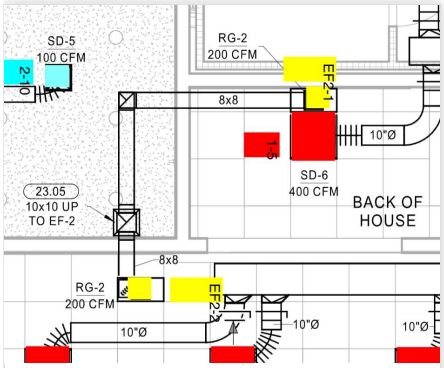
Status : Open

Priority : InfoOnly

Asset Tag :

Originated Date : 08/20/2025 - Mark Johnson - National TAB

Project Issue File Details



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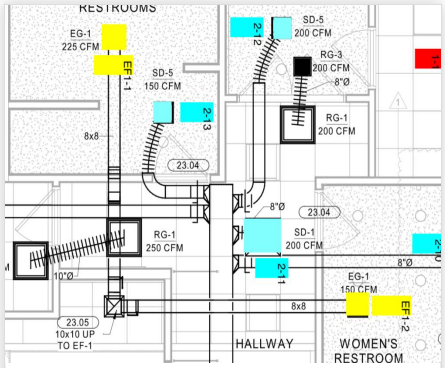

08/20/2025

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Project Issue Response Details

- **08/22/2025 National TAB - Mark Johnson**
  - Exhaust fans are fully balanced and are running below FLA and design static pressure.

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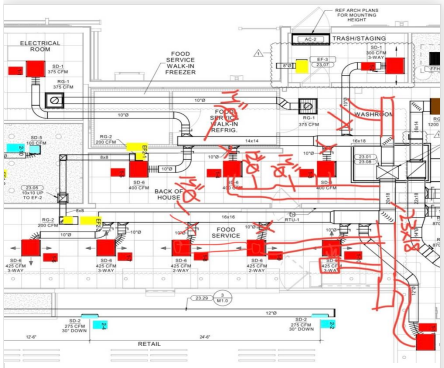
Project Issue Information

Issue Name : RTU 1 Ductwork

Description : RTU 1 ductwork is constructed differently from plans. See approximate as-built sketch attached. The unit outputs design airflow while running below FLA.

Created By :	National TAB	**Assigned To :**	National TAB - Dan Hertenstein
Status :	Open		
Priority :	InfoOnly	**Asset Tag :**	
Originated Date :	08/22/2025 - Mark Johnson - National TAB		

Project Issue File Details



08/22/2025

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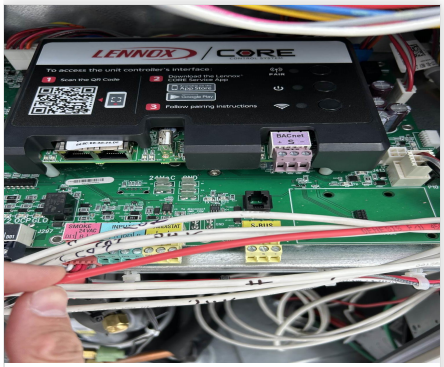
Project Issue Information

Issue Name : RTU 2 - Core Controls

Description : RTU 2’s Core control board is not functional. The unit will power on, but the fan remains idle, and parameters cannot be adjusted. Unit cannot be balanced until resolved.

Created By :	National TAB	**Assigned To :**	National TAB - Dan Hertenstein
Status :	Open		
Priority :	Urgent	**Asset Tag :**	
Originated Date :	08/20/2025 - Mark Johnson - National TAB		

Project Issue File Details



08/20/2025

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Project Issue Information

Issue Name : RTU 2 - Missing Supply/Return Grilles

Description : RTU 2 is missing several sidewall grilles along the supply duct, and the return grille. Must be installed to balance the individual diffusers.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

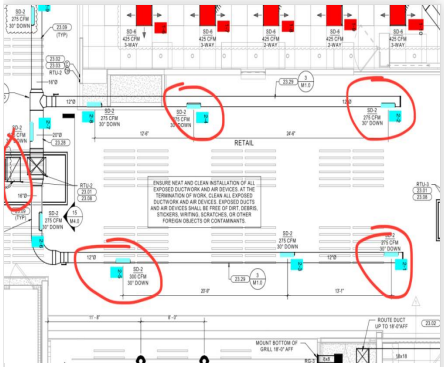
Status : Open

Priority : High

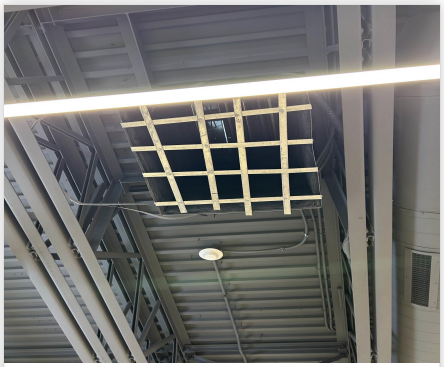
Asset Tag :

Originated Date : 08/20/2025 - Mark Johnson - National TAB

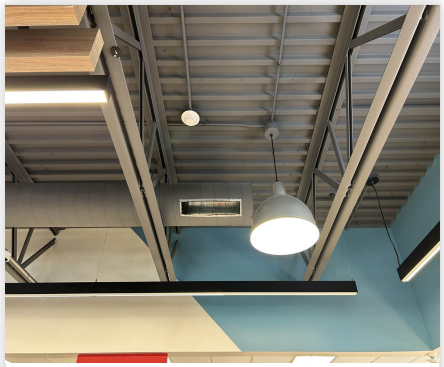
Project Issue File Details



08/20/2025



08/20/2025



08/20/2025

Project Issue Response Details

- **08/20/2025 National TAB - Mark Johnson**
  - Per GC, missing grilles are on order.

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Project Issue Information

Issue Name : RTU 3 - Space Sensor

Description : RTU 3’s space sensor is not functional. Unit does not read space temperature/humidity, and the alarms “74 - Zone Sensor”, “93 - Unit Operating in Backup Mode”, and “76 - Humidity Sensor” are displaying. Recommend service.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

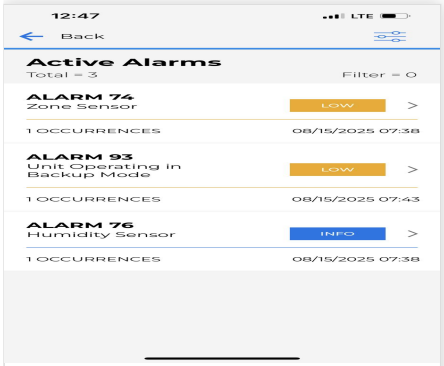
Status : Open

Priority : High

Asset Tag :

Originated Date : 08/20/2025 - Mark Johnson - National TAB

Project Issue File Details



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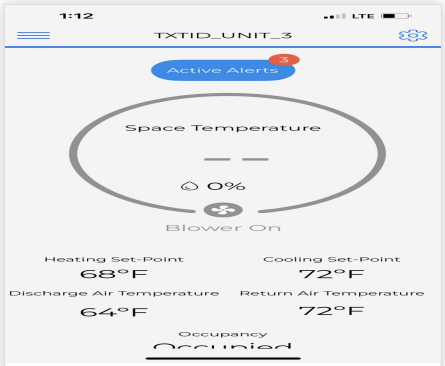
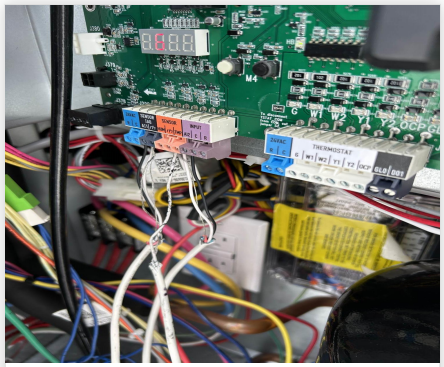


08/20/2025



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Project Issue Information

Issue Name : RTU 3 Return Grille Open

Description : A return grille for RTU 3 is stuck partially open. It appears that the hinge is damaged on one side. Recommend repair.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

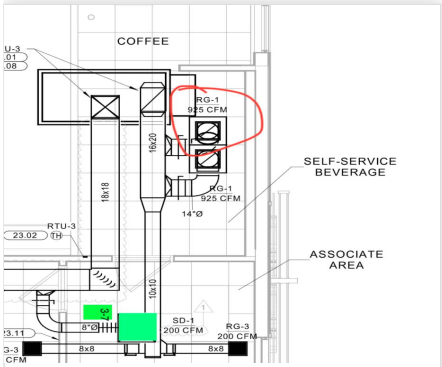
Status : Open

Priority : Low

Asset Tag :

Originated Date : 08/22/2025 - Mark Johnson - National TAB

Project Issue File Details



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National TAB

Project: 08-18-25 WAWA #6620 ELKTON, VA

- Open BALANCE_SCHEDULE_6620.xlsx

CheckList List

- 01: RTU's/AHU's
- 02: LENNOX SETUP PARAMETERS
- 03: SENSOR WIRING (LENNOX)
- 04: EF'S

08-18-25 WAWA #6620 ELKTON, VA

CheckList Information

Name :	01: RTU's/AHU's	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	07/16/2025 - Tara Metcalf - National TAB		

CheckList Item Details

RTU's/AHU's

All diffusers and grilles are installed and match design?

Comment:

Clean filters installed?

Comment:

Economizers are assembled and functional?

Comment:

Motors are all operating below the FLA rating?

Comment:

Are belts tight?

Comment:

If direct drive unit is the speed controller working?

Comment:

Is gas piping installed and valves turned on?

Comment:

Condensate drains are installed?

Comment:

Unit free of noticeable noise and vibration

Comment:

Final outside air damper position is marked with permanent marker?

Comment:

No alarms present?

Comment:

Any noticeable duct leakage?

Comment:

Total supply and OA flows are balanced within +/-5% and supply & return diffusers within +/-10%?

Comment:

IN TEST MODE, TEST THE FOLLOWING:

Cooling mode is operational? Record EAT/LAT for each unit:

Comment:

RTU 1: EAT=70°F, LAT=54°F // RTU 2: // RTU 3: EAT=72°F, LAT=55°F

Heating mode is operational? Record EAT/LAT for each unit:

Comment:

RTU 1: N/A // RTU 2: // RTU 3: EAT=74°F, LAT=94°F

Dehumidification mode is operational? (Feel dehumidification coil with your hand. Is it hot?) Record EAT/LAT for each unit:

Comment:

RTU 1: EAT=73°F, LAT=74°F // RTU 2: // RTU 3: EAT=73°F, LAT=80°F

08-18-25 WAWA #6620 ELKTON, VA

CheckList Information

Name :	02: LENNOX SETUP PARAMETERS	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	07/16/2025 - Tara Metcalf - National TAB		

CheckList Item Details

UNIT ID CONFIGURATIONS

BACNET CONFIGURATION: GO TO SETTINGS>GENERAL>CONFIGURATION ID1 POSITION 5 SET TO "N".

Comment:

NETWORK CONFIGURATION: GO TO SETUP>NETWORK INTEGRATION, SET TO BACNET IP

Comment:

CONTROL MODE: SET CONTROL MODE TO ROOM SENSOR: CO2, TEMP & HUMIDITY (PER UNIT, AS NEEDED).

Comment:

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

PARAMETER 105 DEHUMID MODE: 7 NO CONDITIONS

Comment:

PARAMETER 106 DEHUMID SETPOINT: 50, THIS IS A CENTERED SET POINT (+/-)

Comment:

PARAMETER 107 DEHUMID DEADBAND: 3 (DEFAULT) THIS IS THE ACTUAL +/- VALUE

Comment:

PARAMETER 117 CO2 DAMPER MAX OPEN: 50%

Comment:

PARAMETER 118 CO2 START OPEN PPM: 1500

Comment:

PARAMETER 119 CO2 MAX OPEN PPM: 1500

Comment:

PARAMETER 137 OCCHET SET POINT: 68 (BACK UP)

Comment:

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

Comment:

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

Comment:

PARAMETER 154 OCC BLOWER MODE: ON-CONTINUOUS 1

Comment:

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

OA DAMPER SET TO SAME POSITION IN ALL FAN SPEEDS?

Comment:

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

Comment:

HEAT CFM VALUE: PER THE HVAC SCHEDULE

Comment:

HIGH COOL CFM VALUE: THE HIGH COOL CFM VALUE

Comment:

LOW COOL CFM VALUE: MATCH THE HIGH COOL CFM VALUE

Comment:

VENTILATION CFM VALUE: MATCH THE HIGH COOL CFM VALUE

Comment:

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CheckList Information

Name :	03: SENSOR WIRING (LENNOX)	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	07/16/2025 - Tara Metcalf - 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 :	07/16/2025 - Tara Metcalf - National TAB		
Completed Date :	08/22/2025 - Mark Johnson - National TAB		

CheckList Item Details

EF's

Rotation is correct?	Pass
Comment:	
Belts are tight (if applicable)?	Pass
Comment:	
Speed controller installed and functional (if applicable)?	N/A
Comment: Belt Drive	
There is no major leakage around base of fan?	Pass
Comment:	
Is the motor operating below the motor FLA rating?	Pass
Comment:	
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%?	Pass
Comment:	

National TAB

Project: 08-18-25 WAWA #6620 ELKTON, VA

System/Unit: AHU/RTU

Asset: RTU1 AREA:BACK OF HOUSE

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624K03751
Model Num	LCT150H4E	LCT150H4EN1Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	23x14
Num Final Filter 1	-	4
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Frame	-	N/A
Horsepower	3.75	3.8
Motor Rpm	-	2200
Phase	3	3
Rated Voltage	208	200-240
Rated Amperage	-	8.7
Service Factor	-	N/A

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	4500	4688
SF RPM	-	
MOTOR RPM	-	
RA CFM	3800	
OA CFM	700	
RL Voltage	-	209/211/210
RL Amperage	-	4.9/4.8/4.8
SF System SetPt	-	81%
RA Damper Position	-	
OA Damper Position	-	
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	.70"	
Fan Total SP	-	

Unit Data - PHOTO LOG

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National TAB

Project:08-18-25 WAWA #6620 ELKTON, VA

AHU/RTU

Diffuser Supply (GRD)

RTU1/BACK OF HOUSE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	ELECTRICAL ROOM	SD1	10"	375	1	149	137		-
SGRD2	TRASH/STAGING	SD1	10"	300	1	542	525		-
SGRD3	BOH	SD6	10"	400	1	292	313		-
SGRD4	BOH	SD6	10"	400	1	317	333		-
SGRD5	BOH	SD6	10"	400	1	413	404		-
SGRD6	FOOD SERVICE	SD6	10"	425	1	334	400		-
SGRD7	FOOD SERVICE	SD6	10"	425	1	331	402		-
SGRD8	FOOD SERVICE	SD6	10"	425	1	397	515		-
SGRD9	FOOD SERVICE	SD6	10"	425	1	427	384		-
SGRD10	FOOD SERVICE	SD6	10"	425	1	509	493		-
SGRD11	FOOD SERVICE	SD6	10"	500	1	847	782		-
Total				4500		4558	4688	0	0%

Diffuser Ret/Exh (GRD)

RTU1/BACK OF HOUSE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	WASHROOM	RG1	16X14	1200					-
EGRD2	FOOD SERVICE	RG1	14"	870					-
EGRD3	FOOD SERVICE	RG1	14"	870					-
EGRD4	FOOD SERVICE	RG1	14"	860					-
Total				3800		0	0	0	0%

National TAB

Project: 08-18-25 WAWA #6620 ELKTON, VA

System/Unit: AHU/RTU

Asset: RTU2 AREA:SALES

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624K04350
Model Num	LCT102H4E	LCT102H4EG1Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	23x14
Num Final Filter 1	-	4
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Frame	-	N/A
Horsepower	3.75	3.8
Motor Rpm	-	2200
Phase	3	3
Rated Voltage	208	200-240
Rated Amperage	-	8.7
Service Factor	-	N/A

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	3400	
SF RPM	-	
MOTOR RPM	-	
RA CFM	3020	
OA CFM	380	
RL Voltage	-	
RL Amperage	-	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.00"	
Fan Total SP	-	

Unit Data - PHOTO LOG

08/20/2025

National TAB

Project:08-18-25 WAWA #6620 ELKTON, VA

AHU/RTU

Diffuser Supply (GRD)

RTU2/SALES

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	RETAIL	SD2	12"	275					-
SGRD2	RETAIL	SD2	12"	275					-
SGRD3	RETAIL	SD2	12"	275					-
SGRD4	RETAIL	SD2	12"	275					-
SGRD5	RETAIL	SD2	12"	275					-
SGRD6	RETAIL	SD2	12"	275					-
SGRD7	RETAIL	SD2	12"	275					-
SGRD8	RETAIL	SD2	12"	275					-
SGRD9	RETAIL	SD2	12"	275					-
SGRD10	WOMENS RR	SD5	8"	100					-
SGRD11	HALL	SD1	8"	200					-
SGRD12	REAR VEST	SD5	8"	200					-
SGRD13	MENS RR	SD5	8"	150					-
SGRD14	DELIVERY ROOM	SD1	8"	250					-
Total				3375		0	0	0	0%

National TAB

Project: 08-18-25 WAWA #6620 ELKTON, VA

System/Unit: AHU/RTU

Asset: RTU3 AREA:FRONT OF HOUSE

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624L04840
Model Num	LCT072H4E	LCT072H4EG1Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	29x14.25
Num Final Filter 1	-	4
Final Filter Size 1	-	20x20x2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Frame	-	N/A
Horsepower	1	1.5
Motor Rpm	-	3300
Phase	3	3
Rated Voltage	208	230
Rated Amperage	-	4.4
Service Factor	-	N/A

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	2400	2383
SF RPM	-	
MOTOR RPM	-	
RA CFM	2200	
OA CFM	200	
RL Voltage	-	210/211/211
RL Amperage	-	2.7/2.8/2.8
SF System SetPt	-	79%
RA Damper Position	-	
OA Damper Position	-	
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	.50"	
Fan Total SP	-	

Unit Data - PHOTO LOG

08/20/2025

National TAB

Project:08-18-25 WAWA #6620 ELKTON, VA

AHU/RTU

Diffuser Supply (GRD)

RTU3/FRONT OF HOUSE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	FOH	SD2	14"	450	0.2957	468	528		-
SGRD2	FOH	SD2	14"	450	0.2957	299	337		-
SGRD3	FOH	SD2	18"	450	0.3241	245	277		-
SGRD4	FOH	SD2	18"	450	0.3241	337	380		-
SGRD5	VESTIBLE	SD2	8"	250	1	225	254		-
SGRD6	OFFICE	SD2	8"	150	1	281	317		-
SGRD7	ASSOC AREA	SD1	2008"	200	1	257	290		-
Total				2400		2112	2383	0	0%

National TAB

Project: 08-18-25 WAWA #6620 ELKTON, VA

System/Unit: FAN - Exhaust

Asset: EF1 AREA:RESTROOMS

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	GB-098-6	GB-098-6-1-19-X
Serial Num	-	26532508
Type	-	DOWNBLAST
Configuration	-	VERTICAL

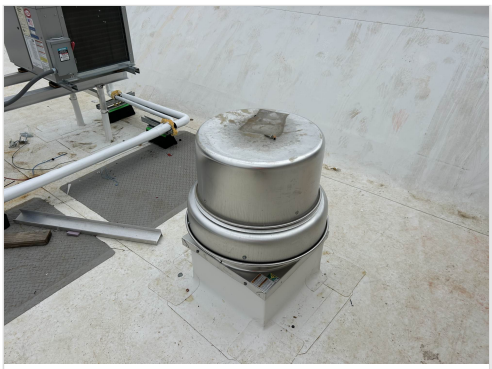
Motor Data		
	Design	**Actual**
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	-	1/6
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3.6
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	VP25
Motor Bore Size	7/16”
Motor Sheave SetPt	2.5 TURNS OPEN
Fan Sheave Size	AK34
Fan Sheave Bore	3/4”
Belt CL Distance	5”
Num of Belts	1
Belt Size	3L-180

Test Data		
	Design	**Actual**
CFM	375	380
Fan RPM	-	1188
Fan Rotation	-	CW
Motor RPM	-	1758
RL Voltage	-	119
RL Amperage	-	3.5
Suction ESP	-	-0.14”
Discharge ESP	-	ATM
Total ESP	-	0.14”

Completed By: Mark Johnson on 08/21/2025

Unit Data - PHOTO LOG



08/20/2025

National TAB

Project:08-18-25 WAWA #6620 ELKTON, VA

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF1/RESTROOMS

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	MENS RR	EG1	8X8	225	1	195	193	227	100.9
EGRD2	WOMENS RR	EG1	8X8	150	1	0	145	153	102.0
Total				375		195	338	380	101.33%

National TAB

Project: 08-18-25 WAWA #6620 ELKTON, VA

System/Unit: FAN - Exhaust

Asset: EF2 AREA:BACK OF HOUSE

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	GB-098-6	GB-098-6-1-19-X
Serial Num	-	26532509
Type	-	DOWNBLAST
Configuration	-	VERTICAL

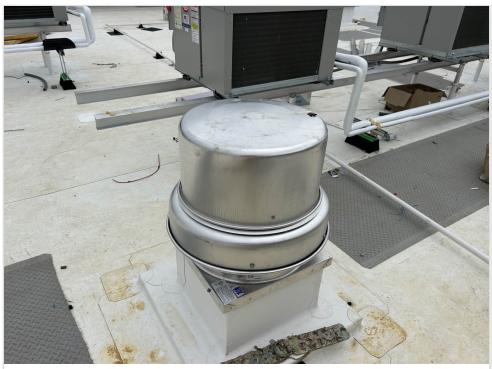
Motor Data		
	Design	**Actual**
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	-	1/6
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3.6
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	VP25
Motor Bore Size	7/16”
Motor Sheave SetPt	2 TURNS OPEN
Fan Sheave Size	AK34
Fan Sheave Bore	3/4”
Belt CL Distance	5”
Num of Belts	1
Belt Size	3L-180

Test Data		
	Design	**Actual**
CFM	400	382
Fan RPM	-	1248
Fan Rotation	-	CW
Motor RPM	-	1752
RL Voltage	-	120
RL Amperage	-	3.4
Suction ESP	-	-0.18”
Discharge ESP	-	ATM
Total ESP	-	0.18”

Completed By: Mark Johnson on 08/21/2025

Unit Data - PHOTO LOG



08/20/2025

National TAB

Project:08-18-25 WAWA #6620 ELKTON, VA

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF2/BACK OF HOUSE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	BOH	RG2	8X8	200	1	125	165	182	91.0
EGRD2	FOOD SERVICE	RG2	8X8	200	1	174	236	200	100.0
Total				400		299	401	382	95.5%

National TAB

Project: 08-18-25 WAWA #6620 ELKTON, VA

System/Unit: FAN - Exhaust

Asset: EF3 AREA:TRASHROOM

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	SP-B200	SP-B200
Serial Num	-	26534078
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	GREENHECK
Frame	-	N/A
Horsepower	.167	1/30
Motor Rpm	-	1000
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	2.7
Service Factor	-	N/A

Test Data		
	Design	**Actual**
CFM	200	208
Fan RPM	-	1000
Fan Rotation	-	CCW
Motor RPM	-	1000
System SetPt	-	MAX
RL Voltage	-	121
RL Amperage	-	2.2
Total ESP	.50"	N/A
Fan Inlet SP	-	N/A
Fan Discharge SP	-	N/A

Completed By: Mark Johnson on 08/20/2025

Unit Data - PHOTO LOG

08/20/2025