

**Report By:**

National TAB  
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**Report: TAB Report**  
**Function: Test, Adjust, & Balance**  
**Date: 12/05/2025**  
**Completed By: National TAB**

# PROJECT

**11-03-25 WAWA #7618 LOUISVILLE, KY**

5229 DIXIE HWY

EASTWOOD, KY 40018

**Client**

Wawa  
260 West Baltimore Pike

Wawa, PA 19063

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

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# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY  
Function: Test, Adjust, & Balance

## 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 Speed Controller
- EF-2 Return 2
- RTU-1 Cooling
- RTU-1 Diffusers Incorrect Position



## 11-03-25 WAWA #7618 LOUISVILLE, KY

### Project Issue Information

**Issue Name :** EF Speed Controller  
**Description :** Neither EF-1 nor EF-2 is equipped with a speed controller as specified in EF schedule. Unable to adjust fan speeds.  
**Created By :** National TAB      **Assigned To :** National TAB - Jordan Best  
**Status :** Open  
**Priority :** High      **Asset Tag :**  
**Originated Date :** 12/03/2025 - Jordan Best - National TAB

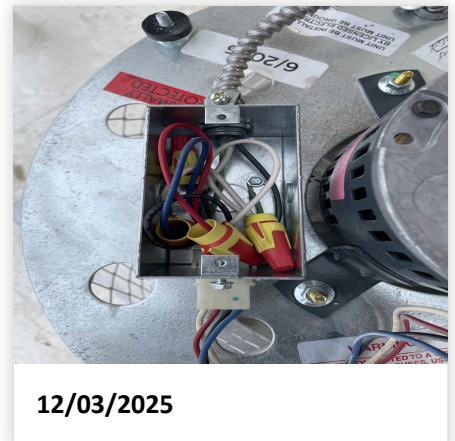
#### Project Issue File Details

EXHAUST FAN SCHEDULE										
MARK	AREA SERVED	MANUFACTURER	MODEL	DESIGN AIRFLOW (CFM)	EXT. S.P. (IN-HG)	VOLTS	PHASE	HP	WEIGHT	NOTES
EF-1	RESTROOMS	GREENHECK	GB-0804	375	0.38	120	1	0.187	59	1.2,3,4,5
EF-2	BACK OF HOUSE	GREENHECK	GB-0804	400	0.38	120	1	0.187	59	1.2,3,4,5
EF-3	TRASH ROOM	GREENHECK	SP-0200	200	0.50	120	1	0.187	14	1.3,4,5

**NOTES:**

1. PROVIDED BY GC.
2. PROVIDE DISCONNECT SWITCH.
3. PROVIDE 1/2" HIGH PREFABRICATED INSULATED ROOF CURB.
4. MECHANICAL CONTRACTOR TO PROVIDE EXHAUST FAN & WIRED SPEED CONTROLLER.
5. WIRE FOR CONTINUOUS OPERATION.

**12/03/2025**



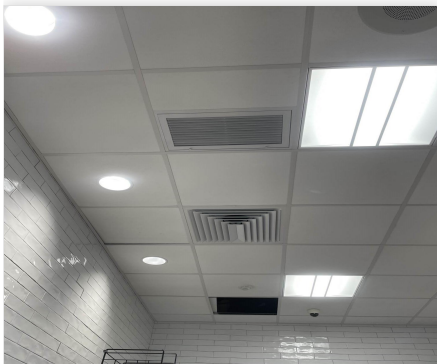


11-03-25 WAWA #7618 LOUISVILLE, KY

**Project Issue Information**

**Issue Name :** EF-2 Return 2  
**Description :** RTU-2, return 2 is oriented incorrectly. Should be flush with wall above oven.  
**Created By :** National TAB                      **Assigned To :** National TAB - Jordan Best  
**Status :** Open  
**Priority :** Medium                                      **Asset Tag :**  
**Originated Date :** 12/05/2025 - Jordan Best - National TAB

Project Issue File Details



12/05/2025



11-03-25 WAWA #7618 LOUISVILLE, KY

**Project Issue Information**

**Issue Name :** RTU-1 Cooling  
**Description :** RTU-1 discharge temp did not fall below 65 F when in full cool with both compressors on. Other units measured around 40 F.  
**Created By :** National TAB                      **Assigned To :** National TAB - Jordan Best  
**Status :** Open  
**Priority :** [Medium](#)                                      **Asset Tag :**  
**Originated Date :** 12/05/2025 - Jordan Best - National TAB

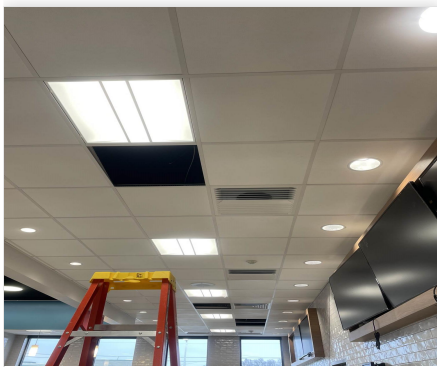


**11-03-25 WAWA #7618 LOUISVILLE, KY**

**Project Issue Information**

**Issue Name :** RTU-1 Diffusers Incorrect Position  
**Description :** RTU-1 supply diffusers 6 thru 10 are not in the correct position as seen on GRD / MSET. They're located one tile back from where they should be. Issue did not affect balance,  
**Created By :** National TAB                      **Assigned To :** National TAB - Jordan Best  
**Status :** Open  
**Priority :** Low                                      **Asset Tag :**  
**Originated Date :** 12/05/2025 - Jordan Best - National TAB

Project Issue File Details



12/05/2025

### 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	BOH	4500	4600	3800	3879	700	721	15.6%	15.7%						
RTU-2	SALES	3400	3522	3020	3129	380	393	11.2%	11.2%						
RTU-3	FOH	2400	2416	2200	2195	200	221	8.3%	9.1%						
EF-1	RESTROOMS													375	387
EF-2	BOH													400	425
EF-3	TRASH ROOM													200	208
<b>TOTALS</b>		10300	10538	9020	9203	1280	1335			0	0	0	0	975	1020

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1280	1335
TOTAL EXHAUST	975	1020
<b>NET AIRFLOW</b>	<b>305</b>	<b>315</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.014
SIDE	0.006
REAR	0.004
<b>AVERAGE</b>	<b>0.008</b>

#### 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

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



**11-03-25 WAWA #7618 LOUISVILLE, KY**

**CheckList Information**

**Name :** 01: RTU's/AHU's **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 10/23/2025 - Tyce Fox - National TAB  
**Completed Date :** 12/04/2025 - Jordan Best - National TAB

**CheckList Item Details**

**RTU's/AHU's**

**Thermostats installed and have power?** N/A

**Comment:**

BAS, no thermostats.

**All diffusers and grilles are installed and match design?** Yes

**Comment:**

**Economizer blank plate is installed below the outside air intake (Trane only) (N/A = not applicable)** N/A

**Comment:**

**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?**

N/A

**Comment:**

**If direct drive unit is the speed controller working?**

Yes

**Comment:**

**Is gas piping installed and valves turned on?**

Yes

**Comment:**

**Unit free of noticeable noise and vibration**

Yes

**Comment:**

**Final outside air damper position is marked with permanent marker?**

Yes

**Comment:**



11-03-25 WAWA #7618 LOUISVILLE, KY

**CheckList Information**

**Name :** 02: LENNOX SETUP PARAMETERS **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 10/23/2025 - Tyce Fox - National TAB  
**Completed Date :** 12/04/2025 - Jordan Best - National TAB

**CheckList Item Details**

**UNIT ID CONFIGURATIONS**

**BACNET CONFIGURATION: GO TO SETTINGS>GENERAL>CONFIGURATION ID1 POSITION 5 SET TO "B".** Pass

**Comment:**

**NETWORK CONFIGURATION: GO TO SETUP>NETWORK INTEGRATION, SET TO BACNET** 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 START OPEN PPM: 1200

Pass

Comment:

PARAMETER 118 CO2 START OPEN PPM: 1500

Pass

Comment:

PARAMETER 137 OCCHET SET POINT: 68 (BACK UP)

Pass

Comment:

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

Pass

Comment:

PARAMETER 154 OCC BLOWER MODE: ON-CONTINUOUS 1

Pass

Comment:

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

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:

RTU-1: 75% RTU-2: 75% RTU-3: 92%



11-03-25 WAWA #7618 LOUISVILLE, KY

**CheckList Information**

**Name :** 03: SENSOR WIRING (LENNOX) **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 10/23/2025 - Tyce Fox - National TAB  
**Completed Date :** 12/04/2025 - Jordan Best - National TAB

**CheckList Item Details**

**COMBINATION TEMPERATURE/HUMIDITY SENSOR**

Sensors are installed where shown on the drawing? Pass

Comment:

2 conductor shielded cable has one wire landed to Vin, one to GND, and the shield wire is not connected. Pass

Comment:

For second shielded cable, one wire is landed to Vout and the shield wire is not connected. Pass

Comment:

Verify that the CORE or Prodigy controller is sensing a relative humidity (record the reading) Pass

Comment:



11-03-25 WAWA #7618 LOUISVILLE, KY

**CheckList Information**

**Name :** 04: EF'S **Status :** Completed

**Assigned Organization :** National TAB **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 10/23/2025 - Tyce Fox - National TAB

**Completed Date :** 12/04/2025 - Jordan Best - National TAB

**CheckList Item Details**

EF's

<b>Rotation is correct?</b>	Pass
-----------------------------	------

**Comment:**

<b>Belts are tight (if applicable)?</b>	N/A
---	-----

**Comment:**

<b>Speed controller installed and functional (if applicable)?</b>	Fail
---	------

**Comment:**

No speed controllers installed. Fans balanced using dampers, unable to adjust fan speed.

<b>There is no major leakage around base of fan?</b>	Pass
--	------

**Comment:**

<b>Is the motor operating below the motor FLA rating?</b>	Pass
---	------

**Comment:**

<b>Back draft damper installed and can it fully open?</b>	Pass
---	------

**Comment:**

**Unit free of noticeable noise and vibration?**

Pass

**Comment:**

**Total exhaust flow balanced within +/-5% and grilles are within +/-10%?**

Pass

**Comment:**



11-03-25 WAWA #7618 LOUISVILLE, KY

CheckList Information

**Name :** 05: CLOSEOUT CHECKS **Status :** Completed

**Assigned Organization :** National TAB **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 10/23/2025 - Tyce Fox - National TAB

**Completed Date :** 12/04/2025 - Jordan Best - 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:

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

System/Unit: AHU/RTU



Asset: RTU1

AREA:BOH

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5625E01965
Model Num	LCT150H5E	LCT150H5E
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14"X24.25"
Num Final Filter 1	-	4
Final Filter Size 1	-	20"X25"X2"

Motor Data		
	Design	Actual
Horsepower	3.75	3.75
Phase	3	3
Rated Voltage	208	208

Test Data		
	Design	Actual
SF CFM	4500	4600
SF RPM	-	1335
RA CFM	3800	3879
OA CFM	700	721
RL Voltage	-	212.8 / 213.6 / 214.2
RL Amperage	-	3.83 / 4.12 / 4.15
SF Rotation	-	CCW
SF System SetPt	-	75%
RA Damper Position	-	72%
Min OA Damper Position	-	28%
Min OA Damper Type	-	ECON
OA Enthalpy Setpt	-	DEFAULT

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.4"
Fan Suction SP	-	-0.8"
Fan Discharge SP	-	-0.5"
Total ESP	0.70"	0.9"
Fan Total SP	-	1.7"

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

Completed By: Jordan Best on 12/05/2025

## Unit Data - PHOTO LOG



11/03/2025

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU1/BOH

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	TRASH	SD	10"	300	1	383	304	304	101.3
SGRD2	WASHROOM	SD	10"	400	1	459	416	416	104.0
SGRD3	BOH	SD	10"	400	1	361	422	422	105.5
SGRD4	BOH	SD	10"	400	1	350	439	439	109.8
SGRD5	ELECTRICAL	SD	10"	375	1	393	381	381	101.6
SGRD6	FOOD SERVICE	SD	10"	425	1	293	407	407	95.8
SGRD7	FOOD SERVICE	SD	10"	425	1	320	422	422	99.3
SGRD8	FOOD SERVICE	SD	10"	425	1	407	421	421	99.1
SGRD9	FOOD SERVICE	SD	10"	425	1	324	418	418	98.4
SGRD10	FOOD SERVICE	SD	10"	425	1	482	454	454	106.8
SGRD11	COFFEE	SD	12"	500	1	786	516	516	103.2
Total				4500		4558	4600	4600	102.22%

### Diffuser Ret/Exh (GRD)

#### RTU1/BOH

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	WASHROOM	RG-1		1200					-
EGRD2	BOH	RG-1		865					-
EGRD3	BOH	RG-1		865					-
EGRD4	BOH	RG-1		870					-
Total				3800		0	0	0	0%

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

## System/Unit: AHU/RTU



Asset: RTU2

AREA:SALES

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5625E01958
Model Num	LGT102H5E	LGT102H5E
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14.25"X24"
Num Final Filter 1	-	4
Final Filter Size 1	-	20"X25"X2"

Motor Data		
	Design	Actual
Horsepower	3.75	3.75
Phase	3	3
Rated Voltage	208	208

Test Data		
	Design	Actual
SF CFM	3400	3522
SF RPM	-	1353
RA CFM	3020	3129
OA CFM	380	393
RL Voltage	-	214.3 / 213 / 214.3
RL Amperage	-	3.83 / 4.26 / 3.82
SF Rotation	-	CCW
SF System SetPt	-	75%
RA Damper Position	-	76%
Min OA Damper Position	-	24%
Min OA Damper Type	-	ECON
OA Enthalpy Setpt	-	DEFAULT

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.2"
Fan Suction SP	-	-0.6"
Fan Discharge SP	-	0.7"
Total ESP	1.00"	0.9"
Fan Total SP	-	1.3"

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

Completed By: Jordan Best on 12/05/2025

## Unit Data - PHOTO LOG



11/03/2025

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

## 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	REAR VESTIBULE	SD5	8"	200	1	329	217	217	108.5
SGRD2	MENS RR	SD5	8"	150	1	236	164	164	109.3
SGRD3	WOMENS RR	SD5	8"	100	1	206	104	104	104.0
SGRD4	HALLWAY	SD1	8"	200	1	398	218	218	109.0
SGRD5	DELIVERY ROOM	SD1	8"	250	1	287	264	264	105.6
SGRD6	RETAIL	SD2	16"	275	0.43	202	294	294	106.9
SGRD7	RETAIL	SD2	20"	275	0.43	211	284	284	103.3
SGRD8	RETAIL	SD2	12"	275	0.43	182	261	261	94.9
SGRD9	RETAIL	SD2	12"	275	0.43	184	254	254	92.4
SGRD10	RETAIL	SD2	12"	275	0.43	389	262	262	95.3
SGRD11	RETAIL	SD2	16"	275	0.43	199	301	301	109.5
SGRD12	RETAIL	SD2	12"	300	0.43	253	282	282	94.0
SGRD13	RETAIL	SD2	12"	275	0.43	375	311	311	113.1
SGRD14	RETAIL	SD2	12"	275	0.43	421	306	306	111.3
Total				3400		3872	3522	3522	103.59%

Completed By: Jordan Best on 12/04/2025

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

System/Unit: AHU/RTU



Asset: RTU3

AREA:FOH

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5625E04028
Model Num	LGT072H5E	LGT072H5E
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	15"x28.75"
Num Final Filter 1	-	4
Final Filter Size 1	-	20"x20"x2"

Motor Data		
	Design	Actual
Horsepower	1.5	1.5
Phase	3	3
Rated Voltage	208	208

Test Data		
	Design	Actual
SF CFM	2400	2416
SF RPM	-	3103
RA CFM	2200	2195
OA CFM	200	221
RL Voltage	-	212.7 / 213.5 / 213.9
RL Amperage	-	3.96 / 4.14 / 4.07
SF Rotation	-	CORRECT
SF System SetPt	-	92%
RA Damper Position	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	ECON
OA Enthalpy Setpt	-	DEFAULT

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.4"
Fan Suction SP	-	-0.6"
Fan Discharge SP	-	0.9"
Total ESP	0.50"	1.3"
Fan Total SP	-	1.5"

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

Completed By: Jordan Best on 12/05/2025

## Unit Data - PHOTO LOG



11/03/2025

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

## 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	COFFEE	SD1	8"	200	1	360	214	214	107.0
SGRD2	OFFICE	SD1	8"	150	1	319	158	158	105.3
SGRD3	VESTIBULE	SD5	8"	250	1	321	253	253	101.2
SGRD4	FOH	SD2	19X3.25	450	0.43	347	467	467	103.8
SGRD5	FOH	SD2	19X3.25	450	0.43	331	434	434	96.4
SGRD6	FOH	SD2	19X3.25	450	0.43	402	459	459	102.0
SGRD7	FOH	SD2	19X3.25	450	0.43	418	431	431	95.8
Total				2400		2498	2416	2416	100.67%

Completed By: Jordan Best on 12/03/2025

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

## System/Unit: FAN - Exhaust



Asset: EF1

AREA:RESTROOMS

Unit Data		
	Design	Actual
<b>MFG</b>	GREENHECK	PENNBARRY
<b>Model Num</b>	GB-098-6	DX11R
<b>Serial Num</b>	-	F25AX31170
<b>Type</b>	DOWNBLAST	DOWNBLAST
<b>Configuration</b>	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
<b>Motor MFG</b>	-	FASCO
<b>Horsepower</b>	0.167	0.167
<b>Motor Rpm</b>	-	1550
<b>Phase</b>	1	1
<b>Voltage (rated)</b>	115	115
<b>Amperage (rated)</b>	-	1.50
<b>Service Factor</b>	-	1

Test Data		
	Design	Actual
<b>CFM</b>	375	387
<b>Fan Rotation</b>	-	CORRECT
<b>System SetPt</b>	-	FIXED SPEED
<b>RL Voltage</b>	-	182.5
<b>RL Amperage</b>	-	2.17
<b>Total ESP</b>	0.38"	0.4"
<b>Fan Inlet SP</b>	-	-0.4"
<b>Fan Discharge SP</b>	-	ATM

Completed By: Jordan Best on 12/05/2025

## Unit Data - PHOTO LOG



11/03/2025

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

## 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	256	235	235	104.4
EGRD2	WOMENS RR	EG1	8X8	150	1	239	152	152	101.3
Total				375		495	387	387	103.2%

Completed By: Jordan Best on 12/04/2025

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

System/Unit: FAN - Exhaust



Asset: EF2

AREA:BOH

Unit Data		
	Design	Actual
MFG	GREENHECK	PENNBARRY
Model Num	GB-098-6	DX11R
Serial Num	-	F25AX31173
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	FASCO
Frame	-	NA
Horsepower	0.167	0.167
Motor Rpm	-	1550
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	1.50
Service Factor	-	1

Test Data		
	Design	Actual
CFM	400	425
Fan Rotation	-	CORRECT
System SetPt	-	FIXED SPEED
RL Voltage	-	181.5
RL Amperage	-	2.17
Total ESP	0.38"	0.3"
Fan Inlet SP	-	-0.3"
Fan Discharge SP	-	ATM

Completed By: Jordan Best on 12/05/2025

**Unit Data - PHOTO LOG**



**11/03/2025**

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

## FAN - Exhaust



### Diffuser Ret/Exh (GRD)

#### EF2/BOH

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	BOH	RG-2	8X8	200	1	224	216	216	108.0
EGRD2	BOH	RG-2	8X8	200	1	254	209	209	104.5
Total				400		478	425	425	106.25%

Completed By: Jordan Best on 12/04/2025

# National TAB

Project: 11-03-25 WAWA #7618 LOUISVILLE, KY

System/Unit: FAN - Exhaust



Asset: EF3

AREA:TRASH ROOM

Unit Data		
	Design	Actual
MFG	GREENHECK	BROAN
Model Num	SP-B200	L250E-A
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	200	208
Fan Rotation	-	CORRECT
System SetPt	-	FIXED SPEED

Motor Data		
	Design	Actual
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	0.6

Completed By: Jordan Best on 12/03/2025

**Unit Data - PHOTO LOG**



**11/03/2025**

