Report By:

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

Report: TAB REPORT

Function: Test, Adjust, & Balance

Date: 06/18/2025

Completed By: National TAB

PROJECT

06-16-25 WAWA #6121 GREENVILLE, NC

1300 PARKSIDE DRIVE

GREENVILLE, NC 27858

Client

Wawa

260 West Baltimore Pike

Wawa, PA 19063

National TAB

Project: 06-16-25 WAWA #6121 GREENVILLE, NC

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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

- RTU1 & RTU2 / Dehumidification Mode
- RTU1, RTU2, RTU3 / Dirty Filters

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Project Issue Information

Issue Name : RTU1 & RTU2 / Dehumidification Mode

Description : RTU1 & RTU2 when placed into dehumidification mode, the dehumidification coil is not hot. Coil should be hot if dehumidification mode is operating correctly.

Created By : National TAB

Assigned To : National TAB - Dale Wheeler

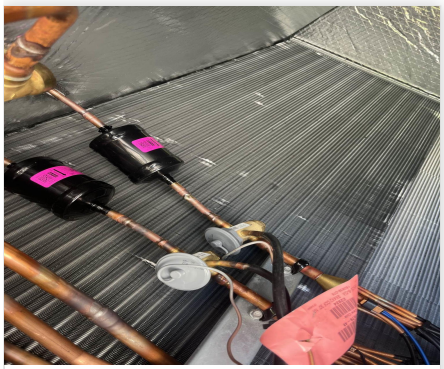
Status : Open

Priority : High

Asset Tag :

Originated Date : 06/18/2025 - Dale Wheeler - National TAB

Project Issue File Details



06/18/2025

06-16-25 WAWA #6121 GREENVILLE, NC

Project Issue Information

Issue Name : RTU1, RTU2, RTU3 / Dirty Filters

Description : RTU1, RTU2, RTU3 filters are dirty, recommend they be replaced.

Created By : National TAB

Assigned To : National TAB - Dale Wheeler

Status : Open

Priority : Medium

Asset Tag :

Originated Date : 06/18/2025 - Dale Wheeler - National TAB

Project Issue File Details

06/18/2025

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	BOH/FOOD SE	4500	4422	3800	3718	700	704	15.6%	15.9%						
RTU-2	SALES	3400	3374	3020	2982	380	392	11.2%	11.6%						
RTU-3	FOH	2400	2376	2200	2170	200	206	8.3%	8.7%						
EF-1	RESTROOMS													375	310
EF-2	BOH													400	397
EF-3	TRASH													200	192
TOTALS		10300	10172	9020	8870	1280	1302			0	0	0	0	775	707

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1280	1302
TOTAL EXHAUST	775	707
NET AIRFLOW	505	595

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.012
SIDE	0.03
REAR	0.019
AVERAGE	**0.0203**

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

06-16-25 WAWA #6121 GREENVILLE, NC

CheckList Information

Name :	01: RTU's/AHU's	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	06/05/2025 - Tara Metcalf - National TAB		
Completed Date :	06/18/2025 - Dale Wheeler - National TAB		

CheckList Item Details

RTU's/AHU's

All diffusers and grilles are installed and match design?	Pass
Comment:	
Clean filters installed?	Fail
Comment: RTU1, RTU2, RTU3 FILTERS ARE DIRTY	
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?	Pass
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:	
IN TEST MODE, TEST THE FOLLOWING:	
Cooling mode is operational? Record EAT/LAT for each unit:	Pass
Comment: RTU1 / EAT 97F / LAT 63F RTU2 / EAT 78F / LAT 59F RTU3 / EAT 75F / LAT 58F	
Heating mode is operational? Record EAT/LAT for each unit:	N/A
Comment: UNABLE TO TEST HEATING MODE DUE TO OUTISIDE TEMP. BEING IN THE 80'S AND PEOPLE WORKING INSIDE THE BUILDING	
Dehumidification mode is operational? (Feel dehumidification coil with your hand. Is it hot?) Record EAT/LAT for each unit:	Fail

Comment:

RTU1 / EAT 63F / LAT 70F - COIL IS NOT GETTING HOT RTU2 / EAT 76F / LAT 61F -COIL IS NOT GETTING HOT RTU3 / EAT 73F / LAT 82F

Notes/Comments :

N/A

Date :06/18/2025

06-16-25 WAWA #6121 GREENVILLE, NC

CheckList Information

Name :	02: LENNOX SETUP PARAMETERS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	06/05/2025 - Tara Metcalf - National TAB		
Completed Date :	06/18/2025 - Dale Wheeler - 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:

RTU1 / 75% RTU2 / 74% RTU3 / 90%

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:	

Notes/Comments :

N/A

Date :06/18/2025

06-16-25 WAWA #6121 GREENVILLE, NC

CheckList Information

Name :	03: SENSOR WIRING (LENNOX)	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	06/05/2025 - Tara Metcalf - National TAB		
Completed Date :	06/18/2025 - Dale Wheeler - 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)	
Comment:	
RTU1 / 63% RTU2 / 61% RTU3 / 59%	

Notes/Comments :

N/A

Date :06/18/2025

06-16-25 WAWA #6121 GREENVILLE, NC

CheckList Information

Name :	04: EF'S	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	06/05/2025 - Tara Metcalf - National TAB		
Completed Date :	06/18/2025 - Dale Wheeler - 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)?	Pass
Comment: YES / EF3 N/A / EF2 & EF1	
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:	
EF1 / YES EF2 / YES EF3 / YES	

Notes/Comments :

N/A

Date :06/18/2025

06-16-25 WAWA #6121 GREENVILLE, NC

CheckList Information

Name :	05: CLOSEOUT CHECKS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	06/05/2025 - Tara Metcalf - National TAB		
Completed Date :	06/18/2025 - Dale Wheeler - 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:	

FRONT DOOR +0.012'' / SIDE DOOR +0.031'' / BACK DOOR +0.019'' / ALL SYSTEMS ON

Notes/Comments :

N/A

Date :06/18/2025

National TAB

Project: 06-16-25 WAWA #6121 GREENVILLE, NC

System/Unit: AHU/RTU

Asset: RTU1 AREA:BACK OF HOUSE

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624J05370
Model Num	LCT150H4E	LCT150H4EN1Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICLE
Num OA Filters 1	-	2
OA Filter Size 1	-	14.25X22.5
Num OA Filters 2	-	4
OA Filter Size 2	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Frame	-	NL
Horsepower	3.75	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	208	240
Rated Amperage	-	8.7
Service Factor	-	NL

Drive Data	
	Actual
Motor Sheave Size	DD
Motor Bore Size	DD
Motor Sheave SetPt	DD
Fan Sheave Size	DD
Fan Sheave Bore	DD
Belt CL Distance	DD
Num of Belts	DD
Belt Size	DD

Test Data		
	Design	**Actual**
SF CFM	4500	4422
SF RPM	-	DD / 75%
MOTOR RPM	-	DD / 75%
RA CFM	3800	3718
OA CFM	700	704
RL Voltage	-	210
RL Amperage	-	4.1/4.1/4.1
SF System SetPt	-	75%
RA Damper Position	-	68%
RA Damper Type	-	ECON
OA Damper Position	-	32%
OA Damper Type	-	ECON

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.49"
Fan Suction SP	-	-0.79"
Fan Discharge SP	-	0.62"
Total ESP	.70"	1.11"
Fan Total SP	-	1.41"

Completed By: Dale Wheeler on 06/18/2025

Notes:
[1] EGRD3 DAMPER IS 100% RETURN GRILL UNABLE TO REACH DESIGN CFM.

Written By: Dale Wheeler on 06/18/2025

Unit Data - PHOTO LOG

06/16/2025

National TAB

Project:06-16-25 WAWA #6121 GREENVILLE, NC

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	TRASH/STAGING	SD1	10"	300	1	685	282	290	96.7
SGRD2	BACK OF HOUSE	SD6	10"	400	1	375	321	362	90.5
SGRD3	FOOD SERVICE	SD6	10"	425	1	508	345	395	92.9
SGRD4	COFFEE	SD6	12"	500	1	818	365	542	108.4
SGRD5	FOOD SERVICE	SD6	10"	425	1	560	311	417	98.1
SGRD6	BACK OF HOUSE	SD6	10"	400	1	565	319	403	100.8
SGRD7	FOOD SERVICE	SD6	10"	425	1	325	417	392	92.2
SGRD8	BACK OF HOUSE	SD6	10"	400	1	405	392	406	101.5
SGRD9	FOOD SERVICE	SD6	10"	425	1	469	414	414	97.4
SGRD10	FOOD SERVICE	SD6	10"	425	1	493	434	436	102.6
SGRD11	ELECTRICAL ROOM	SD1	10"	375	1	460	358	365	97.3
Total				4500		5663	3958	4422	98.27%

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	WASH ROOM	RG1	14"	1200	1	1111	1201	1243	103.6
EGRD2	FOOD/COFFEE	RG1	14"	865	1	779	795	825	95.4
EGRD3	FOOD/COFFEE	RG1	14"	865	1	723	762	732	84.6
EGRD4	FOOD/COFFEE	RG1	14"	870	1	699	747	787	90.5
Total				3800		3312	3505	3587	94.39%

National TAB

Project: 06-16-25 WAWA #6121 GREENVILLE, NC

System/Unit: AHU/RTU

Asset: RTU2 AREA:SALES

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624L03361
Model Num	LGT102H4E	LGT072H4EQ1Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICLE
Num OA Filters 1	-	1
OA Filter Size 1	-	29X14
Num OA Filters 2	-	4
OA Filter Size 2	-	20X20X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Frame	-	NL
Horsepower	3.75	3.8
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.7
Service Factor	-	NL

Drive Data	
	Actual
Motor Sheave Size	DD
Motor Bore Size	DD
Motor Sheave SetPt	DD
Fan Sheave Size	DD
Fan Sheave Bore	DD
Belt CL Distance	DD
Num of Belts	DD
Belt Size	DD

Test Data		
	Design	**Actual**
SF CFM	3400	3374
SF RPM	-	DD / 74%
MOTOR RPM	-	DD / 74%
RA CFM	3020	2982
OA CFM	380	392
RL Voltage	-	209/208/208/209
RL Amperage	-	3.5/3.8/3.9
SF System SetPt	-	74%
RA Damper Position	-	82%
RA Damper Type	-	ECON
OA Damper Position	-	18%
OA Damper Type	-	ECON

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.415”
Fan Suction SP	-	-0.689”
Fan Discharge SP	-	0.584”
Total ESP	1.00"	0.999"
Fan Total SP	-	1.273"

Completed By: Dale Wheeler on 06/18/2025

Unit Data - PHOTO LOG

06/17/2025

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	1	231	254	298	108.4
SGRD2	RETAIL	SD2	12"	275	1	202	232	276	100.4
SGRD3	RETAIL	SD2	12"	275	1	199	211	254	92.4
SGRD4	RETAIL	SD2	12"	275	1	187	214	259	94.2
SGRD5	RETAIL	SD2	12"	275	1	142	179	269	97.8
SGRD6	RETAIL	SD2	12"	300	1	301	256	277	92.3
SGRD7	RETAIL	SD2	12"	275	1	267	247	298	108.4
SGRD8	RETAIL	SD2	12"	275	1	192	214	256	93.1
SGRD9	RETAIL	SD2	12"	275	1	281	277	302	109.8
SGRD10	DELIVERY ROOM	SD1	8"	250	1	238	245	245	98.0
SGRD11	HALLWAY	SD1	8"	200	1	201	199	199	99.5
SGRD12	WOMENS RR	SD5	8"	100	1	109	94	94	94.0
SGRD13	MENS RR	SD5	8"	150	1	149	162	162	108.0
SGRD14	VEST	SD5	8"	200	1	182	185	185	92.5
Total				3400		2881	2969	3374	99.24%

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Project: 06-16-25 WAWA #6121 GREENVILLE, NC

System/Unit: AHU/RTU

Asset: RTU3 AREA:FRONT OF HOUSE

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624J05372
Model Num	LGT072H4E	LGT102H4ES1Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICLE
Num OA Filters 1	-	2
OA Filter Size 1	-	14.25X23
Num OA Filters 2	-	4
OA Filter Size 2	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBM PAPST
Frame	-	NL
Horsepower	1	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	4.4
Service Factor	-	NL

Drive Data	
	Actual
Motor Sheave Size	DD
Motor Bore Size	DD
Motor Sheave SetPt	DD
Fan Sheave Size	DD
Fan Sheave Bore	DD
Belt CL Distance	DD
Num of Belts	DD
Belt Size	DD

Test Data		
	Design	**Actual**
SF CFM	2400	2376
SF RPM	-	DD / 90%
MOTOR RPM	-	DD / 90%
RA CFM	2200	2170
OA CFM	200	206
RL Voltage	-	211,212,212
RL Amperage	-	3.6,3.7,3.7
SF System SetPt	-	90%
RA Damper Position	-	75%
RA Damper Type	-	ECON
OA Damper Position	-	25%
OA Damper Type	-	ECON

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.719”
Fan Suction SP	-	-0.932”
Fan Discharge SP	-	0.412"
Total ESP	.50"	1.131"
Fan Total SP	-	1.344"

Completed By: Dale Wheeler on 06/18/2025

Unit Data - PHOTO LOG

06/17/2025

National TAB

Project:06-16-25 WAWA #6121 GREENVILLE, NC

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	ASSOCIATE AREA	SD1	10"	200	1	268	209	209	104.5
SGRD2	OFFICE	SD1	8"	150	1	267	154	154	102.7
SGRD3	VESTIBULE	SD5	10"	250	1	223	256	256	102.4
SGRD4	OFFICE	SD2	18"	450	1	240	442	442	98.2
SGRD5	VESTIBLE	SD2	18"	450	1	248	443	439	97.6
SGRD6	FOH	SD2	18"	450	1	233	444	444	98.7
SGRD7	FOH	SD2	18"	450	1	234	428	432	96.0
Total				2400		1713	2376	2376	99%

National TAB

Project: 06-16-25 WAWA #6121 GREENVILLE, NC

System/Unit: FAN - Exhaust

Asset: EF1 AREA:RESTROOMS

Unit Data		
	Design	**Actual**
MFG	GREENHECK	COOK
Model Num	GB-09-6	10 0C2B 100 ACE
Serial Num	-	203SL39950-00/0000701
Type	DOWNBLAST	UPBLAST
Configuration	VERTICAL	VERTICLE

Motor Data		
	Design	**Actual**
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	.167	0.167
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	60Hz
Service Factor	-	4.2

Test Data		
	Design	**Actual**
CFM	300	310
Fan RPM	-	1159
Fan Rotation	-	CCW
Motor RPM	-	1758
System SetPt	-	HIGH
RL Voltage	-	[1]
RL Amperage	-	[1]
Total ESP	.38"	0.244"
Fan Inlet SP	-	-0.244"
Fan Discharge SP	-	ATM

Completed By: Dale Wheeler on 06/18/2025

Notes:
[1] UNABLE TO TAKE VOLTS AND AMPS DUE TO LIGHT SWITCH STYLE DISCONNECT

Written By: Dale Wheeler on 06/18/2025

Unit Data - PHOTO LOG

06/16/2025

National TAB

Project:06-16-25 WAWA #6121 GREENVILLE, NC

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	WOMENS RR	EG1	8X8	150	1	234		148	98.7
EGRD2	MENS RR	EG1	8X8	150	1	203		162	108.0
Total				300		437	0	310	103.33%

National TAB

Project: 06-16-25 WAWA #6121 GREENVILLE, NC

System/Unit: FAN - Exhaust

Asset: EF2 AREA:BACK OF HOUSE

Unit Data		
	Design	**Actual**
MFG	GREENHECK	COOK
Model Num	GB-098-6	10 0C2B 100 ACE
Serial Num	-	203SL39950-00/0002001
Type	DOWNBLAST	UPBLAST
Configuration	VERTICAL	VERTICLE

Motor Data		
	Design	**Actual**
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	.167	0.167
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	60Hz
Service Factor	-	NL

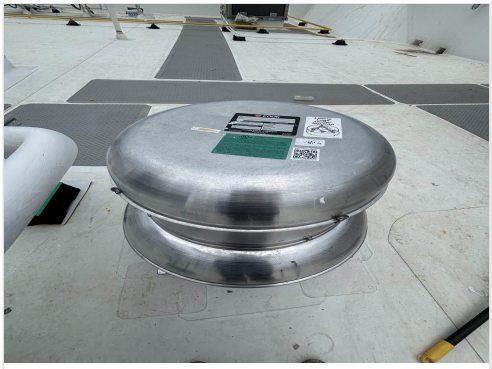
Test Data		
	Design	**Actual**
CFM	400	397
Fan RPM	-	1157
Fan Rotation	-	CCW
Motor RPM	-	1756
System SetPt	-	HIGH
RL Voltage	-	[1]
RL Amperage	-	[1]
Total ESP	.38"	0.179"
Fan Inlet SP	-	-0.179"
Fan Discharge SP	-	ATM

Completed By: Dale Wheeler on 06/18/2025

Notes:
[1] UNABLE TO TAKE VOLTS AND AMPS DUE TO LIGHT SWITCH STYLE DISCONNECT

Written By: Dale Wheeler on 06/18/2025

Unit Data - PHOTO LOG



06/16/2025

National TAB

Project:06-16-25 WAWA #6121 GREENVILLE, NC

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	215		215	107.5
EGRD2	FOOD SERVICE	RG2	8X8	200	1	182		182	91.0
Total				400		397	0	397	99.25%

National TAB

Project: 06-16-25 WAWA #6121 GREENVILLE, NC

System/Unit: FAN - Exhaust

Asset: EF3 AREA:TRASHROOM

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	SP-B200	SP-B200-QD
Serial Num	-	184454826-0066
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	GREENHECK
Frame	-	N/L
Horsepower	.167	1/30
Motor Rpm	-	1000
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	2.7
Service Factor	-	1.0

Test Data		
	Design	**Actual**
CFM	200	192
Fan RPM	-	DD / 1000
Fan Rotation	-	CCW
Motor RPM	-	DD / 1000
System SetPt	-	HIGH
RL Voltage	-	121
RL Amperage	-	2.06
Total ESP	.50"	N/R
Fan Inlet SP	-	N/R
Fan Discharge SP	-	ATM

Completed By: Dale Wheeler on 06/18/2025

Unit Data - PHOTO LOG

06/18/2025