

**Report By:**

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**Report: TAB Report**  
**Function: Test, Adjust, & Balance**  
**Date: 02/26/2025**  
**Completed By: National TAB**

**PROJECT**  
**02-24-25 WAWA #6309 POOLER, GA**

1480 POOLER PKWY

POOLER, GA 31322

**Client**

Wawa  
260 West Baltimore Pike

Wawa, PA 19063

# National TAB

Project: 02-24-25 WAWA #6309 POOLER, GA

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# National TAB

Project: 02-24-25 WAWA #6309 POOLER, GA

System/Unit: AHU/RTU



Asset: RTU1

AREA: CORE

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5624L02327
Model Num	LCT102H4E	LCT102H4EG2Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	23x14
Num Final Filter 1	-	4
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	EBMPAPST
Frame	-	NL
Horsepower	3.75	3.8
Motor Rpm	-	1780
Phase	3	3
Rated Voltage	208	200-240
Rated Amperage	-	8.0
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	
SF RPM	-	
MOTOR RPM	-	
RA CFM	2900	
OA CFM	500	
RL Voltage	-	
RL Amperage	-	
SF System SetPt	-	
OA Damper Position	-	
OA Damper Type	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5"1	
Fan Total SP	-	

# National TAB

Project:02-24-25 WAWA #6309 POOLER, GA

## AHU/RTU



**Diffuser Supply (GRD)**

**RTU1/CORE**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	RETAIL AREA	LD-1	10"	300					-
SGRD2	RETAIL AREA	LD-1	10"	300					-
SGRD3	RETAIL AREA	LD-1	10"	300					-
SGRD4	RETAIL AREA	LD-1	10"	300					-
SGRD5	OFFICE	CD-1	8"	150					-
SGRD6	ASSOCIATES	CD-1	8"	150					-
SGRD7	RETAIL AREA	LD-1	10"	310					-
SGRD8	RETAIL AREA	LD-1	10"	310					-
SGRD9	DELIVERY VESTIBULE	CD-1	8"	200					-
SGRD10	RETAIL AREA	LD-1	10"	285					-
SGRD11	RETAIL AREA	LD-1	10"	285					-
SGRD12	RETAIL AREA	LD-1	10"	285					-
SGRD13	WOMENS RESTROOM	CD-3	6"	50					-
SGRD14	REAR VESTIBULE	CD-3	6"	100					-
SGRD15	MENS RESTROOM	CD-3	6"	75					-
Total				3400		0	0	0	0%

# National TAB

Project: 02-24-25 WAWA #6309 POOLER, GA

System/Unit: AHU/RTU



Asset: RTU2

AREA:DELI

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5624L02328
Model Num	LCT150H4E	LCT150H4EN2Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	23x14
Num Final Filter 1	-	4
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	EBMPAPST
Frame	-	NL
Horsepower	3.75	3.8
Motor Rpm	-	1780
Phase	3	3
Rated Voltage	208	200-240
Rated Amperage	-	8.0
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	5000	5085
SF RPM	-	1513
MOTOR RPM	-	1513
RA CFM	4500	4580
OA CFM	500	505
RL Voltage	-	
RL Amperage	-	
SF System SetPt	-	85%
OA Damper Position	-	37%
OA Damper Type	-	SINGLE BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5"	
Fan Total SP	-	

**National TAB**  
 Project:02-24-25 WAWA #6309 POOLER, GA  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU2/DELI**

<b>Asset</b>									
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>	<b>FINAL CFM</b>	<b>% to design</b>
RTU2-SGRD1	FOOD SERVICE	LD-1	12"	500	1	555	554	525	105.0
RTU2-SGRD2	FOOD SERVICE	LD-1	12"	500	1	477	562	517	103.4
RTU2-SGRD3	FOOD SERVICE	LD-1	12"	500	1	343	540	537	107.4
RTU2-SGRD4	FOOD SERVICE	LD-1	12"	500	1	577	507	467	93.4
RTU2-SGRD5	FOOD SERVICE	LD-1	12"	500	1	790	494	509	101.8
RTU2-SGRD6	FOOD SERVICE	LD-1	12"	500	1	663	523	502	100.4
RTU2-SGRD7	BACKROOM	CD-1	12"	500	1	417	490	547	109.4
RTU2-SGRD8	BACKROOM	CD-1	10"	375	1	339	371	370	98.7
RTU2-SGRD9	BACKROOM	CD-1	12"	500	1	509	485	500	100.0
RTU2-SGRD10	ELECTRICAL ROOM	CD-1	12"	550	1	397	476	529	96.2
RTU2-SGRD11	STAGING	CD-1	6"	75	1	60	78	82	109.3
<b>Total</b>				<b>5000</b>		<b>5127</b>	<b>5080</b>	<b>5085</b>	<b>101.7%</b>

**Diffuser Ret/Exh (GRD)**

**RTU2/DELI**

<b>Asset</b>									
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>	<b>FINAL CFM</b>	<b>% to design</b>
RTU2-EGRD1	FOOD SERVICE	G-1	14"	900	1	749			-
RTU2-EGRD2	FOOD SERVICE	G-1	12"	900	1	660			-
RTU2-EGRD3	FOOD SERVICE	G-1	14"	900	1	933			-
RTU2-EGRD4	FOOD SERVICE	G-1	14"	900	1	744			-
RTU2-EGRD5	FOOD SERVICE	G-1	14"	900	1	1495			-
<b>Total</b>				<b>4500</b>		<b>4581</b>	<b>0</b>	<b>0</b>	<b>0%</b>

# National TAB

Project: 02-24-25 WAWA #6309 POOLER, GA

System/Unit: AHU/RTU



Asset: RTU3

AREA:RETAIL

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5624L02329
Model Num	LCT092H4E	LCT092H4EG2Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	23x14
Num Final Filter 1	-	4
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	EBMPAPST
Frame	-	NL
Horsepower	3.75	3.8
Motor Rpm	-	1780
Phase	3	3
Rated Voltage	208	200-240
Rated Amperage	-	8.0
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	3000	
SF RPM	-	
MOTOR RPM	-	
RA CFM	2700	
OA CFM	300	
RL Voltage	-	
RL Amperage	-	
SF System SetPt	-	
OA Damper Position	-	
OA Damper Type	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5"	
Fan Total SP	-	

**National TAB**  
 Project:02-24-25 WAWA #6309 POOLER, GA  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU3/RETAIL**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	RETAIL AREA	CD-2	12"	500					-
SGRD2	RETAIL AREA	LD-1	10"	350					-
SGRD3	RETAIL AREA	LD-1	10"	300					-
SGRD4	RETAIL AREA	LD-1	10"	300					-
SGRD5	RETAIL AREA	LD-1	10"	300					-
SGRD6	RETAIL AREA	LD-1	10"	300					-
SGRD7	RETAIL AREA	LD-1	10"	300					-
SGRD8	RETAIL AREA	LD-1	10"	300					-
SGRD9	RETAIL AREA	LD-1	10"	300					-
Total				2950		0	0	0	0%

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Project: 02-24-25 WAWA #6309 POOLER, GA

System/Unit: FAN - Exhaust



Asset: EF1

AREA: DELI + RESTROOMS

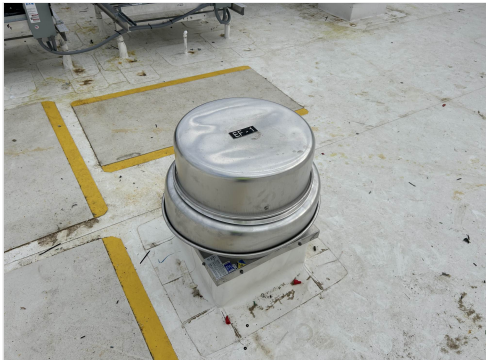
Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	G-120	G-120-B-4-1-19-X
Serial Num	-	25478675
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	800	762
Fan RPM	863	DD
Fan Rotation	-	CW
Motor RPM	-	DD
System SetPt	-	SPEED CONTROLLER (MARKED)
RL Voltage	-	123
RL Amperage	-	3.0
Total ESP	0.250"	0.26"
Fan Inlet SP	-	-0.26"
Fan Discharge SP	-	ATM

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	48Y
Horsepower	1/4	1/4
Motor Rpm	-	1140
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	3.2
Service Factor	-	1.00

Completed By: Mark Johnson on 02/25/2025

## Unit Data - PHOTO LOG



02/25/2025

**National TAB**  
 Project:02-24-25 WAWA #6309 POOLER, GA  
**FAN - Exhaust**



**Diffuser Ret/Exh (GRD)**

**EF1/DELI + RESTROOMS**

<b>Asset</b>									
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>	<b>FINAL CFM</b>	<b>% to design</b>
EGRD1	FOOD SERVICE AREA	G-1	6"	100	1	142	132	90	90.0
EGRD2	FOOD SERVICE AREA	G-1	8"	150	1	185	174	162	108.0
EGRD3	FOOD SERVICE AREA	G-1	8"	150	1	207	187	154	102.7
EGRD4	FOOD SERVICE AREA	G-1	8"	150	1	198	173	161	107.3
EGRD5	FOOD SERVICE AREA	G-3	8"	100	1	118	111	93	93.0
EGRD6	MENS RESTROOM	G-3	6"	50	1	30	43	47	94.0
EGRD7	WOMENS RESTROOM	G-3	6"	100	1	43	42	55	55.0
<b>Total</b>				800		923	862	762	95.25%

# National TAB

Project: 02-24-25 WAWA #6309 POOLER, GA

System/Unit: FAN - Exhaust



Asset: EF2

AREA:WATER ROOM

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	CSP-B110	CSP-A110
Serial Num	-	25478695
Type	INLINE	INLINE
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	NL
Horsepower	21W	NL
Motor Rpm	-	950
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	0.19
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	60	57
Fan RPM	584	950
Fan Rotation	-	CORRECT
Motor RPM	-	950
System SetPt	-	SINGLE SPEED
RL Voltage	-	123
RL Amperage	-	0.19
Total ESP	0.125"	0.042"
Fan Inlet SP	-	-0.042"
Fan Discharge SP	-	ATM

Completed By: Mark Johnson on 02/25/2025

## Unit Data - PHOTO LOG



02/25/2025