Report By:

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

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 01/28/2026

Completed By: National TAB

PROJECT

02-16-26 WHATABURGER #1687 LUTZ, FL

25340 Sierra Center Blvd

Lutz, FL

Client

Whataburger Restaurants

300 Concord Plaza Dr

San Antonio, TX 78216

National TAB

Project: 02-16-26 WHATABURGER #1687 LUTZ, FL

Table Of Contents

Project Summary

Project Summary
The summary below provides a quick understanding of our scope of work and general testing procedures. Enclosed in the report are further details 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.

Kitchen Exhaust Hood & Associated Fans
Each kitchen exhaust fan was measured at the hood filter bay utilizing a velocity matrix and a manufacturer's correction factor. Each filter velocity is multiplied by the manufacturer's corrected area. The sum of these readings equals the total flow of the exhaust fans. The total flow of the exhaust was then adjusted to within tolerance of the design flow. Any EF's that fell outside of this tolerance is noted throughout the report.

Exhaust Fans w/ Registers
The exhaust fan was measured at the grilles to measure the total flow. The fan was then adjusted to bring airflow within tolerance of the engineer's design flow. Each grille was then adjusted to within tolerance of design flow.

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. The hood capture was tested at the perimeter of the hood and the cook top level with the equipment heat on to ensure satisfactory hood capture and containment.

Issue List

- Additional Diffuser - RTU 3 office
- Backdraft damper
- Evaporator coils, all RTUs
- Exhaust fans - Incorrect Locations
- High Humidity Recorded
- Hood 2 power switch
- Restroom Exhaust Dampers
- Restroom Exhaust Fan Not Running
- Restroom supply dampers
- RTU 1 Fan Speed
- RTU 2 Blower Wheel Dirty
- RTU 2 Required Jumpers to Run
- RTU 3 Blower wheel
- RTU 3 pulley allignment
- RTUs 1 and 3OAs Not Reaching Design

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : Additional Diffuser - RTU 3 office

Description : An additional diffuser was installed in office. There was an existing supply flex duct run blowing above ceiling in which the MC tapped into. Currently, damper is fully closed and grill reads 75 CFM. Unable to balance without a CFM target. Recommend engineer review.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

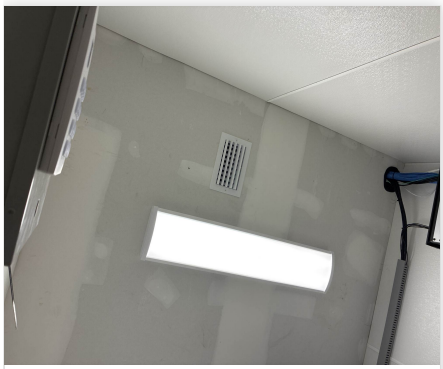
Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 02/19/2026 - Jackson Gunnels - National TAB

Project Issue File Details



02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : Backdraft damper
Description : No backdraft damper installed in restroom exhaust.

Created By : National TAB
Assigned To : National TAB - Will Turnbough

Status : Open
Priority : Low
Asset Tag :
Originated Date : 02/19/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

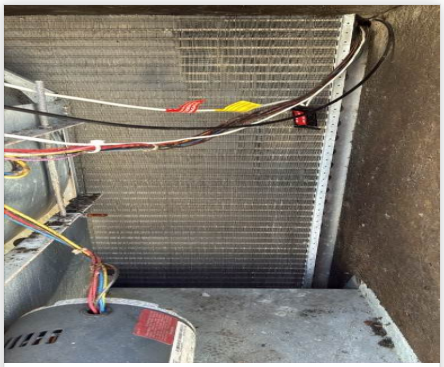
Issue Name : Evaporator coils, all RTUs
Description : Evaporator coils on all units are dirty and need to be cleaned.

Created By : National TAB
Assigned To : National TAB - Will Turnbough

Status : Open
Priority : Urgent
Asset Tag :
Originated Date : 02/18/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/19/2026



02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : Exhaust fans - Incorrect Locations

Description : Exhaust fans are mounted on wrong curbs. Unable to balance fans in current state. EF-1 (larger fan) also leaks around curb.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : Urgent

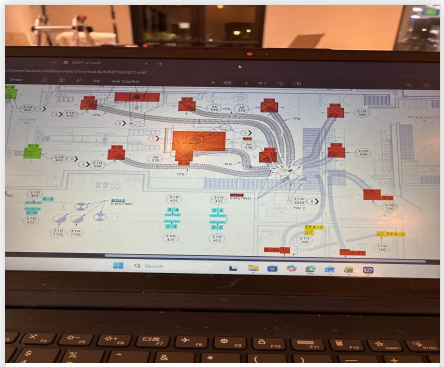
Asset Tag :

Originated Date : 02/19/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/19/2026

02/19/2026



02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : High Humidity Recorded

Description : Space is very humid, measured at %68 relative humidity. NTi noticed units were not cooling the space effectively. Cleaning evaporator coils may improve their efficiency.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : InfoOnly

Asset Tag :

Originated Date : 02/19/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

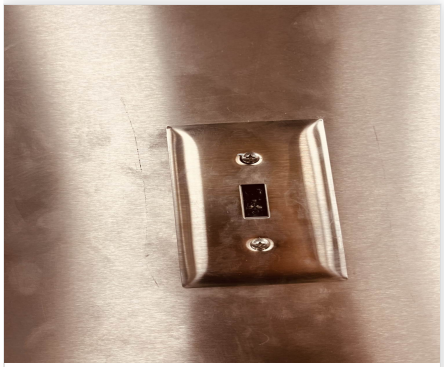
Project Issue Information

Issue Name : Hood 2 power switch
Description : Hood 2 power switch is damaged.

Created By : National TAB
Assigned To : National TAB - Will Turnbough

Status : Open
Priority : Low
Asset Tag :
Originated Date : 02/19/2026 - Jackson Gunnels - National TAB

Project Issue File Details



02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : Restroom Exhaust Dampers

Description : Restrooms do not have any face accessible dampers installed. Unable to proportionally balance grills.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : High

Asset Tag :

Originated Date : 02/19/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : Restroom Exhaust Fan Not Running

Description : Unable to run restroom exhaust fan for balancing. Confirmed breaker is open and restroom was occupied.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 02/18/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/18/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : Restroom supply dampers

Description : Parallel blade dampers installed in restroom supply only reduce airflow by half when fully closed, recommend OBDs be installed.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 02/19/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

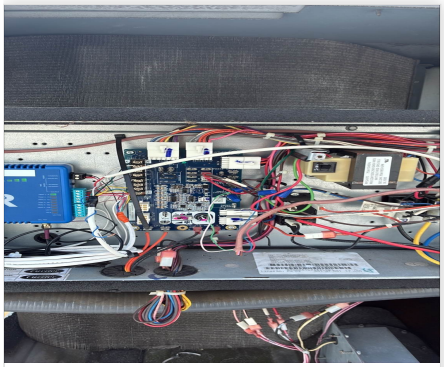
Project Issue Information

Issue Name : RTU 1 Fan Speed

Description : RTU 1 did not respond to attempts to adjust fan speed. Runs at maximum. Unable to reduce unit total flow below %112. Fan needs to be reduced to 2140 rpm to meet design.

Created By :	National TAB	**Assigned To :**	National TAB - Will Turnbough
Status :	Open		
Priority :	Urgent	**Asset Tag :**	
Originated Date :	02/18/2026 - Jackson Gunnels - National TAB		

Project Issue File Details



02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : RTU 2 Blower Wheel Dirty

Description : RTU 2 Blower wheel shows moderate accumulation of debris. Not as severe as RTU 3, unit still met design. Cleaning recommended.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : Medium

Asset Tag :

Originated Date : 02/19/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/19/2026

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02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : RTU 2 Required Jumpers to Run

Description : RTU 2 blower does not run unless manually jumped. Unit is jumped for testing, will be removed when balance is completed.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : High

Asset Tag :

Originated Date : 02/18/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/18/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : RTU 3 Blower wheel

Description : Blower wheel on RTU 3 shows significant accumulation of debris. Profile of fan blades is affected enough that any damper balancing on unit causes significant total air loss. Opened all dampers, and set unit total to preserve comfort. Blower wheel needs to be cleaned or replaced and unit rebalanced.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 02/18/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/18/2026

Project Issue Response Details

- **02/19/2026 National TAB - Stephen Tassinaro**
  - Per technician: RTU 3 send debris into space whenever the ducts are disturbed, or the blower stops and restarts.

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : RTU 3 pulley allignment

Description : RTU 3 Fan sheave pulley is further forward than motor pulley. This increases belt wear. Re-alignment recommended.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : Low

Asset Tag :

Originated Date : 02/19/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/19/2026

02-16-26 WHATABURGER #1687 LUTZ, FL

Project Issue Information

Issue Name : RTUs 1 and 3OAs Not Reaching Design

Description : Unable to reach design outside air on units with damper full open. RTU 1 601/700CFM design. RTU-3 1000/1635CFM design.

Created By : National TAB

Assigned To : National TAB - Brianna Biggs

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 02/18/2026 - Jackson Gunnels - National TAB

Project Issue File Details

02/19/2026

02/19/2026

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	KITCHEN/STOR	2000	2247	1300	1635	700	612	35.0%	27.2%						
RTU-2	DINING	3400	3402	2300	2286	1100	1116	32.4%	32.8%						
RTU-3	KITCHEN	5000	5069	3365	4058	1635	1011	32.7%	19.9%						
KEF-1	GRILL HOOD											1995	1759		
KEF-2	FRYER HOOD											1091	972		
EF-4	RESTROOMS													200	0
TOTALS		10400	10718	6965	7979	3435	2739			0	0	3086	2731	200	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3435	2739
TOTAL EXHAUST	3286	2731
NET AIRFLOW	149	8

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.0129
SIDE	0.0119
REAR	0.0091
AVERAGE	**0.0113**

FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✔

MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✔

NOTES:

CheckList List

- 01: RTU's
- 02: EF's
- 03: Hoods
- 04: Final Checks

02-16-26 WHATABURGER #1687 LUTZ, FL

CheckList Information

Name :	01: RTU's	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	01/28/2026 - Trinity Dodds - National TAB		
Completed Date :	02/23/2026 - Jackson Gunnels - National TAB		

CheckList Item Details

RTU's/AHU's

Thermostats installed and have power?	N/A
Comment:	
All diffusers and grilles are installed and match design?	Fail
Comment:	
Addiotional diffuser installed in office	
Motors are all operating below the FLA rating?	Pass
Comment:	
Is gas piping installed and valves turned on?	N/A
Comment:	
Unit free of noticeable noise and vibration	Pass
Comment:	
Final outside air damper position is set manually and marked with permanent marker?	Fail
Comment:	
Units 1 and 3 did not meet design. Did not mark. Unit 2 met design, marked.	

Supply airflow is 0 to +10%?	Fail

Comment:

Unable to slow unit 1 down, currently at %112. Fan needs to be set to 2140 rpm to meet design.

Outside airflow is 0 to +10%?	Fail

Comment:

OA dampers on all units full open, unable to reach design airflow

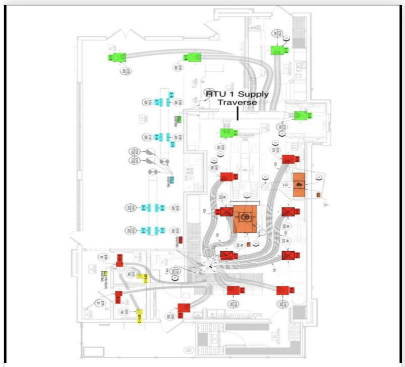
Return balance dampers are confirmed to be 100% open (if installed)?	Pass

Comment:

Screenshot of the GRD marked up with supply and return traverse locations for RTU-1 (Add picture here)	Pass

Comment:

Return traverse not possible.



02/23/2026

Screenshot of the GRD marked up with supply and return traverse locations for RTU-2 (Add picture here)	Fail

Comment:

Return drops too short to be traversed. Not enough straight section of supply drop before diffusers to read total supply without significant turbulence. Additionally, unit was read with VelGrid and kfactor. Supply traverse is unlikely to uncover a leak when read using this method. No leaks observed.

For each unit supply, is the flow hood reading within 10% of the final traverse reading? If not do you feel any major points of leakage	Pass

Comment:

RTU 2 within %10. Unable to traverse other units, no major leakage observed.

For each unit return, is the flow hood reading within 10% of the final traverse reading? If not do you feel any major points of leakage	N/A

Comment:

Unable to traverse return ducts.

02-16-26 WHATABURGER #1687 LUTZ, FL

CheckList Information

Name :	02: EF's	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	01/28/2026 - Trinity Dodds - National TAB		
Completed Date :	02/23/2026 - Jackson Gunnels - National TAB		

CheckList Item Details

EF's

Rotation is correct?	Pass
Comment:	
Belts are tight?	N/A
Comment:	
Hinge kit installed installed on hood fan?	Pass
Comment:	
Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?	Pass
Comment:	
Flex conduit is long enough so that fan can be completely tilted back?	Pass
Comment:	
There is no major leakage around base of fan?	Fail
Comment: Curb	

Is the motor operating below the motor FLA rating?	Pass
Comment:	
For restroom fan(s) is the back draft damper installed and can it fully open?	Fail
Comment: Not Installed	
Unit free of noticeable noise and vibration?	Pass
Comment:	
Exhaust airflow is 0 to +10%?	Fail
Comment: Fans installed on wrong curbs, unable to balance. Restroom fan non-functional.	

02-16-26 WHATABURGER #1687 LUTZ, FL

CheckList Information

Name :	03: Hoods	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	01/28/2026 - Trinity Dodds - National TAB		
Completed Date :	02/23/2026 - Jackson Gunnels - National TAB		

CheckList Item Details

HOODS

All hood filters installed and accounted for?	Pass
Comment:	
Hoods are wired and have power?	Pass
Comment:	
Hood is free of alarms?	N/A
Comment:	
Hood is free of damage?	Pass
Comment:	
Quarter or full vertical end panels are installed if specified?	Pass
Comment:	

02-16-26 WHATABURGER #1687 LUTZ, FL

CheckList Information

Name :	04: Final Checks	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	01/28/2026 - Trinity Dodds - National TAB		
Completed Date :	02/23/2026 - Jackson Gunnels - National TAB		

CheckList Item Details

FINAL CHECKS

Is space free of drafting?	Pass
Comment:	

Is space comfortable in all areas?	Fail
Comment:	
Space very humid.	

Is the space free of ventilation noise?	Pass
Comment:	

List kitchen equipment turned on for testing

Comment:

NA

List smoke candle type used

Comment:

NA

HOOD CAPTURE TEST

Smoke test capture % - Perimeter of hood

Comment:

Unable to conduct test

Smoke test capture % - Top of cooking surface

Comment:

WITNESS

Date test was completed

Comment:

TAB tech name / Firm

Comment:

Site super name / Firm

Comment:

Owner representative name / Firm (if Applicable)

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:

*hoods not balanced

Is the building pressure at least +0.02"? If not, do you see any obvious areas of external building that aren't sealed?	Pass

Comment:

*hoods not balanced

National TAB

Project: 02-16-26 WHATABURGER #1687 LUTZ, FL

System/Unit: AHU/RTU

Asset: RTU-1 AREA:KITCHEN/DRY STORAGE

Unit Data	
	Actual
MFG	CARRIER
Serial Num	0320C85922
Model Num	50GCN06A2A5A0A0A0
Num OA Filters 1	1
OA Filter Size 1	28x14
Num Final Filter 1	4
Final Filter Size 1	16x16x2

Motor Data	
	Actual
Phase	1
Rated Voltage	208/230
Rated Amperage	8.6

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM (Traverse)	-	2329
SF CFM	2000	2247
SF RPM	-	2388
MOTOR RPM	-	DIRECT DRIVE
RA CFM (Traverse)	-	*
RA CFM	1300	1635
OA CFM	700	612
RL Voltage	-	212/212/212
RL Amperage	-	8.54
SF System SetPt	-	*
Min OA Damper Position	-	MAX
Min OA Damper Type	-	NON-ECONOMIZING

Performance Data	
	Actual
MA Plenum SP	-0.23”
Fan Suction SP	-0.69”
Fan Discharge SP	1.12”
Total ESP	1.35"
Fan Total SP	2.04"

General	
	Actual
Unit free of Damage	YES
Fan Rotation Correct	CORRECT
Unit Filters Clean	YES
Condensate Drain Installed	YES

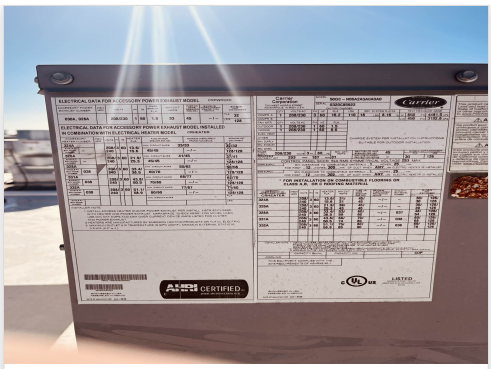
Completed By: Jackson Gunnels on 02/23/2026

Notes:
*Unable to traverse return

Written By: Jackson Gunnels on 02/19/2026

Unit Data - PHOTO LOG

02/19/2026



02/19/2026

Diffuser Supply (GRD)

RTU-1/KITCHEN/DRY STORAGE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	KITCHEN	ETR		450	1	515	640	478	106.2
SGRD2	KITCHEN	ETR		450	1	101	343	533	118.4
SGRD3	DRY STORAGE	ETR		300	1	507	589	310	103.3
SGRD4	SERVING AREA	ETR		400	1	442	461	443	110.8
SGRD5	ENTRY	ETR		400	1	363	375	483	120.8
Total				2000		1928	2408	2247	112.35%

National TAB

Project: 02-16-26 WHATABURGER #1687 LUTZ, FL

System/Unit: AHU/RTU

Asset: RTU-2 AREA:DINING

Unit Data	
	Actual
MFG	CARRIER
Serial Num	030P89347
Model Num	50HCE09A2A5A0K0A0
Num OA Filters 1	1
OA Filter Size 1	35x19
Num Final Filter 1	4
Final Filter Size 1	20x20x2

Motor Data	
	Actual
Motor MFG	MARATHON
Frame	56HZ
Motor Rpm	1725
Phase	3
Rated Voltage	208-230
Rated Amperage	6.9-6.7

Drive Data	
	Actual
Motor Sheave Size	4
Motor Bore Size	5/8
Motor Sheave SetPt	2 TURNS OUT
Fan Sheave Size	AFD74
Fan Sheave Bore	1”
Belt CL Distance	16.75
Num of Belts	1
Belt Size	A48
Belt Alignment	GOOD

Test Data		
	Design	**Actual**
SF CFM	3400	3402
SF RPM	-	725
MOTOR RPM	-	1750
RA CFM	2300	2286
OA CFM	1100	1116
RL Voltage	-	214/213/212
RL Amperage	-	2.7/4.2/4.6
SF System SetPt	-	4 TURNS OUT
Min OA Damper Position	-	2.5"
Min OA Damper Type	-	NON-ECONOMIZING

Performance Data	
	Actual
MA Plenum SP	-0.13"
Fan Suction SP	-0.75"
Fan Discharge SP	0.18"
Total ESP	0.31"
Fan Total SP	0.93"

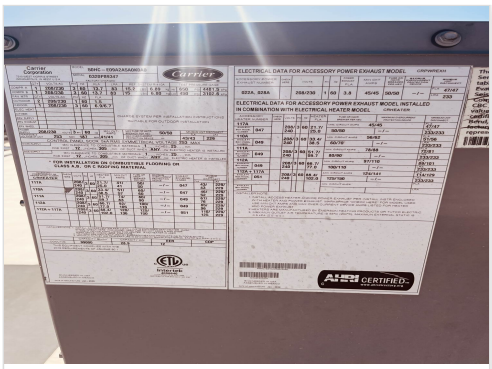
General	
	Actual
Unit free of Damage	YES
Fan Rotation Correct	YES
Unit Filters Clean	YES
Condensate Drain Installed	YES

Completed By: Jackson Gunnels on 02/23/2026

Notes:
Unable to traverse unit

Written By: Jackson Gunnels on 02/19/2026

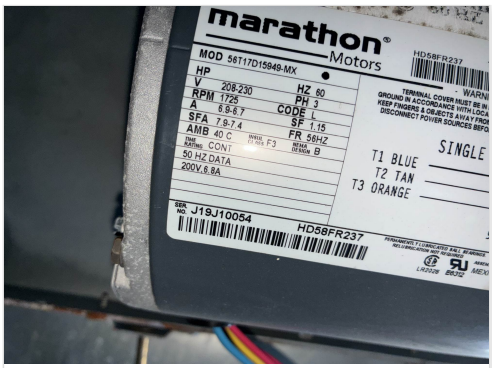
Unit Data - PHOTO LOG



02/19/2026

02/19/2026

Motor Data - PHOTO LOG



02/19/2026

National TAB

Project:02-16-26 WHATABURGER #1687 LUTZ, FL

AHU/RTU

Diffuser Supply (GRD)

RTU-2/DINING

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	DINING	ETR		425	0.95	505	459	459	108.0
SGRD2	DINING	ETR		425	0.95	670	432	432	101.6
SGRD3	DINING	ETR		425	0.95	441	440	440	103.5
SGRD4	DINING	ETR		425	0.95	419	395	395	92.9
SGRD5	DINING	ETR		425	0.95	428	437	437	102.8
SGRD6	DINING	ETR		425	0.95	513	409	409	96.2
SGRD7	DINING	ETR		425	0.95	484	416	416	97.9
SGRD8	DINING	ETR		425	0.95	482	414	414	97.4
Total				3400		3942	3402	3402	100.06%

National TAB

Project: 02-16-26 WHATABURGER #1687 LUTZ, FL

System/Unit: AHU/RTU

Asset: RTU-3 AREA:KITCHEN

Unit Data	
	Actual
MFG	CARRIER
Serial Num	0320P05391
Model Num	50HCD14A2A5A0K0A0
Num OA Filters 1	2
OA Filter Size 1	22.5x25.5
Num Final Filter 1	6
Final Filter Size 1	18X24X2

Motor Data	
	Actual
Motor MFG	MARATHON
Frame	56HZ
Motor Rpm	1725
Phase	3
Rated Voltage	230
Rated Amperage	10.6

Drive Data	
	Actual
Motor Sheave Size	4.75
Motor Bore Size	7/8
Motor Sheave SetPt	2.5 TURNS OUT
Fan Sheave Size	AK104
Fan Sheave Bore	1 3/16
Belt CL Distance	20.5
Num of Belts	1
Belt Size	A61
Belt Alignment	POOR

Test Data		
	Design	**Actual**
SF CFM	5000	5069
SF RPM	-	600
MOTOR RPM	-	1725
RA CFM	3365	4058
OA CFM	1635	1011
RL Voltage	-	212/212/211
RL Amperage	-	6.70/6.95/7.30
SF System SetPt	-	2.5 TURNS OUT
Min OA Damper Position	-	MAX
Min OA Damper Type	-	NON-ECONOMIZING

Performance Data	
	Actual
MA Plenum SP	-0.24"
Fan Suction SP	-0.57"
Fan Discharge SP	0.90"
Total ESP	1.14"
Fan Total SP	1.47"

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

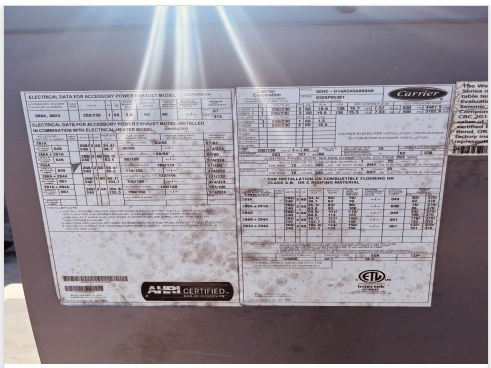
Completed By: Jackson Gunnels on 02/23/2026

Notes:
Fan sheave sits further out than motor sheave

Written By: Jackson Gunnels on 02/18/2026

Unit Data - PHOTO LOG

02/19/2026



02/19/2026

Motor Data - PHOTO LOG

02/18/2026

National TAB

Project:02-16-26 WHATABURGER #1687 LUTZ, FL

AHU/RTU

Diffuser Supply (GRD)

RTU-3/KITCHEN

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	BOH	ETR		500	1	367	427	427	85.4
SGRD2	WASHROOM	ETR		500	1	567	661	661	132.2
SGRD3	KITCHEN	ETR		500	1	514	599	599	119.8
SGRD4	KITCHEN	ETR		570	1	406	473	473	83.0
SGRD5	KITCHEN	ETR		570	1	362	422	422	74.0
SGRD6	KITCHEN	ETR		570	1	244	284	284	49.8
SGRD7	KITCHEN	ETR		570	1	587	684	684	120.0
SGRD8	KITCHEN	ETR		570	1	348	405	405	71.1
SGRD9	KITCHEN	ETR		550	1	704	820	820	149.1
SGRD10	WOMEN'S RR	ETR		50	1	118	137	137	274.0
SGRD11	MEN'S RR	ETR		50	1	135	157	157	314.0
Total				5000		4352	5069	5069	101.38%

Diffuser Supply (GRD)

TRAVERSES/

Asset					
Asset Name	**Size**	**DESIGN CFM**	**VEL(1)**	**FINAL CFM**	**% to design**
RETURN TRAVERSE - RTU1					
RETURN TRAVERSE - RTU2					
SUPPLY TRAVERSE - RTU1	16x18	2000	1164	2329	116.5
SUPPLY TRAVERSE - RTU2					
Total		2000		2329	116.45%

National TAB

Project: 02-16-26 WHATABURGER #1687 LUTZ, FL

System/Unit: FAN - Exhaust

Asset: EF-4 AREA:RESTROOM

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	DR10HFA
Serial Num	3908428
Type	CENTRIFUGAL
Configuration	DOWNBLAST

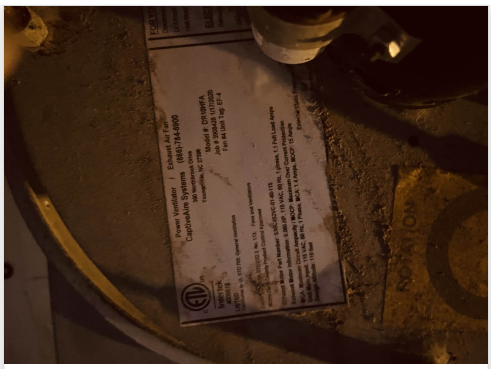
Motor Data	
	Actual
Horsepower	0.060
Phase	1
Voltage (rated)	115
Amperage (rated)	1.1

Test Data		
	Design	**Actual**
CFM	200	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	

Completed By: Jackson Gunnels on 02/23/2026

Unit Data - PHOTO LOG

02/19/2026



02/19/2026

National TAB

Project:02-16-26 WHATABURGER #1687 LUTZ, FL

FAN - Exhaust

Diffuser Supply (GRD)

EF-4/RESTROOM

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	WOMEN'S RR	ETR		100					-
SGRD2	MEN'S RR	ETR		100					-
Total				200		0	0	0	0%

National TAB

Project: 02-16-26 WHATABURGER #1687 LUTZ, FL

System/Unit: FAN - Exhaust

Asset: KEF-1 AREA:GRILLE

Unit Data		
	Design	**Actual**
MFG	GREENHECK	CAPTIVE AIRE
Model Num	CUE-140-VG	DU180HFA
Serial Num	-	8357473
Type	UPBLAST	CENTRIFUGAL
Configuration	VERTICAL	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO WESTINGHOUSE
Frame	-	145T
Horsepower	0.75	1
Motor Rpm	-	1150
Phase	1	3
Voltage (rated)	208	230
Amperage (rated)	-	3.44
Service Factor	-	1.15

Test Data		
	Design	**Actual**
CFM	1995	1759
Fan RPM	-	1111
Fan Rotation	-	CORRECT
Motor RPM	-	DIRECT DRIVE
System SetPt	-	58
RL Voltage	-	201 VFD
RL Amperage	-	3.40 VFD
Total ESP	1.00"	1.60"
Fan Inlet SP	-	-1.60"
Fan Discharge SP	-	ATM

Completed By: Jackson Gunnels on 02/23/2026

Unit Data - PHOTO LOG

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National TAB

Project: 02-16-26 WHATABURGER #1687 LUTZ, FL

System/Unit: FAN - Exhaust

Asset: KEF-2 AREA:FRYER

Unit Data		
	Design	**Actual**
MFG	GREENHECK	CAPTIVE AIRE
Model Num	CUE-120-VG	DU50HFA
Serial Num	-	8357473
Type	UPBLAST	CENTRIFUGAL
Configuration	VERTICAL	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	TELCO GREEN
Horsepower	0.25	0.5
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	3.8

Test Data		
	Design	**Actual**
CFM	1091	972
Fan RPM	-	870
Fan Rotation	-	CORRECT
Motor RPM	-	DIRECT DRIVE
System SetPt	-	45
RL Voltage	-	212
RL Amperage	-	0.98
Total ESP	0.75"	0.21"
Fan Inlet SP	-	-0.21"
Fan Discharge SP	-	ATM

Completed By: Jackson Gunnels on 02/23/2026

Notes:
FLA not printed on motor label, read from unit label.

Written By: Jackson Gunnels on 02/20/2026

Unit Data - PHOTO LOG

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National TAB

Project: 02-16-26 WHATABURGER #1687 LUTZ, FL

System/Unit: Kitchen Hood Type I

Asset: HD-1 AREA:GRILL

Unit Data		
	Design	**Actual**
MFG	H&K	H&K
Model Num	HKD027	HKD027
Job / Serial Num	-	8189539
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	87"	87"
Hood Width	56"	56"

Test Data Exhaust		
	Design	**Actual**
Filter Type	FLAMGUARD	FLAMGUARD
Filter Size 1	20X12	20X12
Filter Qty 1	8	8
Filter AK factor size 1	1.5	1.5
Filter Total AK Area	12	12
Filter1 FPM	-	70
Filter2 FPM	-	89
Filter3 FPM	-	90
Filter4 FPM	-	67
Filter5 FPM	-	78
Filter6 FPM	-	87
Filter7 FPM	-	92
Filter8 FPM	-	80
Filter Ave FPM(corr)	-	81
CFM	1994	972

Cooking Equipment	
	Actual
Item 1	GRIDDLE
Item 2	CLAMSHELL

Completed By: Jackson Gunnels on 02/23/2026

Unit Data - PHOTO LOG

02/19/2026

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02/19/2026

National TAB

Project: 02-16-26 WHATABURGER #1687 LUTZ, FL

System/Unit: Kitchen Hood Type I

Asset: HD-2 AREA:FRYER HOOD

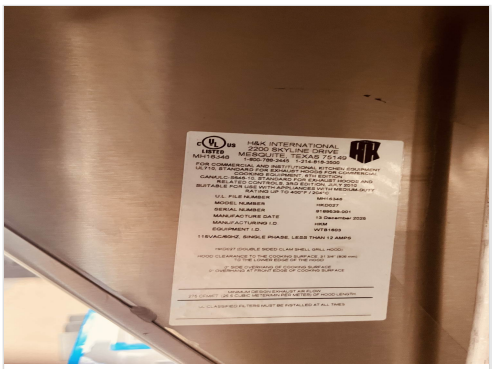
Unit Data		
	Design	**Actual**
MFG	H&K	H&K
Model Num	HKD023	HKD023
Job / Serial Num	-	8191084
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	66"	66"
Hood Width	22"	22"

Test Data Exhaust		
	Design	**Actual**
Filter Type	FLAMGUARD	FLAMGUARD
Filter Size 1	16X12	16X12
Filter Qty 1	4	4
Filter AK factor size 1	1.16	1.16
Filter Total AK Area	4.64	4.64
Filter1 FPM	-	356
Filter2 FPM	-	394
Filter3 FPM	-	385
Filter4 FPM	-	384
Filter Ave FPM(corr)	-	243
CFM	1091	1759

Cooking Equipment	
	Actual
Item 1	FRYER

Completed By: Jackson Gunnels on 02/23/2026

Unit Data - PHOTO LOG



02/19/2026