

**Report By:**

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



**Report: TAB REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 10/14/2025**  
**Completed By: National TAB**

**PROJECT**  
**10-06-25 QT #1437 GLENDALE, AZ**

5850 W. GREENWAY RD

GLENDALE, AZ

**Client**

QUIKTRIP  
4705 SOUTH 129TH EAST AVENUE  
TULSA, OK 74134

# National TAB

Project: 10-06-25 QT #1437 GLENDALE, AZ

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# National TAB

Project: 10-06-25 QT #1437 GLENDALE, AZ  
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 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)

Each of the RTU's was measured with a flow hood to establish total flow. The total flow was then adjusted via the VFD so that airflow fell within design tolerances. All diffusers on the kitchen RTU were balanced to the engineer's design flow. The diffusers on the sales floor were only adjusted when there were noticeable issues present like drafting or dampers that were found completely closed. The Hoods On outside air rate was set by first establishing the typical QT set point at the Emerson controller and then making manually adjustments on the roof. The hoods off airflow setpoint was found by adjusting the damper position at the Emerson controller until the design airflow was achieved. Outside air was measured by reading the intake air opening with a velocity grid and multiplying by the free area. After completion of TAB all overrides were released.

### Kitchen Exhaust Hood & Associated Fans

The 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.

### Restroom Exhaust Fans

The restroom exhaust fans were measured with a flow hood. The total flow was balanced for the fan with the exception of the new grille over the combi-oven which was balanced to the design.

### 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

- EF1 CFM TOO HIGH, ON LOWEST SETTING
- NO HINGEKIT ON EF1



10-06-25 QT #1437 GLENDALE, AZ

**Project Issue Information**

**Issue Name :** EF1 CFM TOO HIGH, ON LOWEST SETTING  
**Description :** EF1 is almost 9% out of tolerance too high (867/750). Speed control has been turned to lowest setting (set w/ potentiometer, then knob replaced). I turned the other way slightly to make sure it wasn't backwards, and it increased. Unit is running at almost FLA 8.4A / 8.6A. Recommend checking installation, unit should not be at FLA on lowest setting.

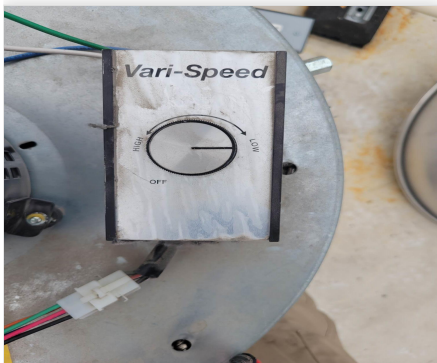
**Created By :** National TAB                      **Assigned To :** National TAB - Dan Hertenstein

**Status :** Open

**Priority :** High                                      **Asset Tag :** EF1

**Originated Date :** 10/09/2025 - Christine Weale - National TAB

Project Issue File Details



10/14/2025



**10-06-25 QT #1437 GLENDALE, AZ**

**Project Issue Information**

**Issue Name :** NO HINGEKIT ON EF1  
**Description :** No hinge kit installed on EF1  
**Created By :** National TAB                      **Assigned To :** National TAB - Dan Hertenstein  
**Status :** Closed  
**Priority :** InfoOnly                                      **Asset Tag :** EF1  
**Originated Date :** 10/10/2025 - Christine Weale - National TAB

Project Issue File Details



10/10/2025

### AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HOOD ON OA		HOOD OFF OA		HOOD ON EXHAUST		HOOD OFF EXHAUST	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
RTU 1	SALES	800	784	350	309				
RTU-2	SALES	800	853	350	323				
RTU-3	BOH/KITCHEN	800	811	350	392				
EF-1	RR/JANITOR					750	887	750	887
EF-3	HOOD					1350	1435	0	262
<b>TOTALS</b>		<b>2400</b>	<b>2448</b>	<b>1050</b>	<b>1024</b>	<b>2100</b>	<b>2322</b>	<b>750</b>	<b>1149</b>

#### HOODS ON

##### NET AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2400	2448
TOTAL EXHAUST	2100	2322
<b>NET AIRFLOW</b>	<b>300</b>	<b>126</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS
FRONT	0.002
SIDE	0.004
REAR	0.003
<b>AVERAGE</b>	<b>0.003</b>

#### HOODS OFF

##### NET AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1050	1024
TOTAL EXHAUST	750	1149
<b>NET AIRFLOW</b>	<b>300</b>	<b>-125</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS
FRONT	0.006
SIDE	0.003
REAR	0.009
<b>AVERAGE</b>	<b>0.006</b>

NOTES:

**National TAB**

**Project: 10-06-25 QT #1437 GLENDALE, AZ**

- [Open QT\\_1437\\_BalSched.xlsx](#)

## CheckList List

- 01: RTU's/AHU's
- 02: Exhaust Fans
- 03: Hoods
- 04: Final Tests
- PLAN REVIEW



**10-06-25 QT #1437 GLENDALE, AZ**

**CheckList Information**

**Name :** 01: RTU's/AHU's **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 09/16/2025 - Trinity Dodds - National TAB  
**Completed Date :** 10/14/2025 - Christine Weale - National TAB

**CheckList Item Details**

RTU's/AHU's

Evaporator coils are clean? Pass

Comment:

Condenser coils are clean? Pass

Comment:

Gas piping is installed and valves are turned on? Pass

Comment:

Unit free of noticeable noise and vibration Pass

Comment:



**10-06-25 QT #1437 GLENDALE, AZ**

**CheckList Information**

**Name :** 02: Exhaust Fans **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 09/16/2025 - Trinity Dodds - National TAB  
**Completed Date :** 10/14/2025 - Christine Weale - National TAB

**CheckList Item Details**

EF's

---

**Hinge kit installed installed on hood fan?** Pass

**Comment:**

No hinge kit installed on EF1.

---

**Flex conduit is long enough so that fan can be completely tilted back?** Pass

**Comment:**

---

**No major leakage around the fan base** Pass

**Comment:**

---

**Unit is free of noise and vibration** Pass

**Comment:**



**10-06-25 QT #1437 GLENDALE, AZ**

**CheckList Information**

**Name :** 03: Hoods **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 09/16/2025 - Trinity Dodds - National TAB  
**Completed Date :** 10/14/2025 - Christine Weale - National TAB

**CheckList Item Details**

**HOODS**

---

**Hood is free of alarms?** Pass

**Comment:**

---

**Hood is free of damage?** Pass

**Comment:**

---

**End panels are installed per prototype?** Pass

**Comment:**

---



10-06-25 QT #1437 GLENDALE, AZ

**CheckList Information**

**Name :** 04: Final Tests **Status :** Completed

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

**Requesting Organization :** National TAB

**Created Date :** 09/16/2025 - Trinity Dodds - National TAB

**Completed Date :** 10/14/2025 - Christine Weale - National TAB

**CheckList Item Details**

**FINAL CHECKS**

**HOOD CAPTURE TEST**

**List kitchen equipment turned on for testing**

**Comment:**

Other techs tested fryers and combioven.

**List smoke candle type used**

**Comment:**

45s S102

**Smoke test capture % - Perimeter of hood**

**Comment:**

90% - Panel (left) side and left front of hood allowed a little bit of smoke to escape.

**Smoke test capture % - Top of cooking surface**

**Comment:**

100%

**WITNESS**

**Date test was completed**

10/08/2025

**Comment:**

---

**TAB tech name / Firm**

**Comment:**

Christine Weale, NTI

---

**Site super name / Firm**

**Comment:**

T-Built

---

**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:**

Avg w/ hoods on: .003", avg w/ hoods off: 0.006"



10-06-25 QT #1437 GLENDALE, AZ

CheckList Information

**Name :** PLAN REVIEW **Status :** Completed

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

**Requesting Organization :** National TAB

**Created Date :** 09/16/2025 - Trinity Dodds - National TAB

**Completed Date :** 09/16/2025 - Trinity Dodds - National TAB

CheckList Item Details

**Asset Requirements**

**We have the latest set of construction drawings and are not working off the Bid or Permit Set:** N/A

**Comment:**  
PROTOTYPE

**Diffuser totals equal the scheduled airflow of each piece of equipment** Yes

**Comment:**

**Scheduled Hood airflow match scheduled EF and MAU airflows** N/A

**Comment:**

**Files to Upload**

**A PDF summary is uploaded and matches the equipment/scope of the project** Yes

**Comment:**

**Balance schedule is uploaded?** Yes

**Comment:**

**Required account checklists are created** Yes

**Comment:**

---

**Mechanical drawings are uploaded**

Yes

---

**Comment:**

---

**If job is a Revive, Pre-design, or Remodel. Check if we have an old report on sharepoint or the old FaciliBuild and upload to files section.**

N/A

---

**Comment:**

---

**GRD Layout is uploaded**

Yes

---

**Comment:**

---

**Jurisdiction Requirements**

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**Is job in Orlando, FL metro area or Phoenix metro area? If yes, a smoke detector checklist needs to be created for each RTU or AHU**

Yes

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**Comment:**

---

**Is job in Broward County, FL? If so, is Broward County on the permit (Ask the GC)? If Broward County is on the permit, then we CANNOT perform the balance.**

No

---

**Comment:**

---

# National TAB

Project: 10-06-25 QT #1437 GLENDALE, AZ

System/Unit: AHU/RTU



Asset: RT-1

AREA:SALES FLOOR

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202205-ANEK24524
Model Num	NA	RN-013-8-0-EA0A-152
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	45X22
Num Final Filter 1	-	2
Final Filter Size 1	-	46X19.5X2

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NL
Horsepower	-	3.0
Motor Rpm	-	1760
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	10.6

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
Belt Alignment	DD

Test Data		
	Design	Actual
SF CFM	4200	
SF RPM	-	
RA CFM	3400	
OA CFM	800	784
RL Voltage	-	152
RL Amperage	-	7.7
SF Rotation	-	NA
SF System SetPt	-	45 HZ
RA Damper Position	-	54%
Min OA Damper Position	-	46%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	NA

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.61"
Fan Suction SP	-	-0.96"
Fan Discharge SP	-	0.34"
Total ESP	-	0.95"
Fan Total SP	-	1.3"

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

Completed By: Christine Weale on 10/14/2025

## Unit Data - PHOTO LOG



10/14/2025

# National TAB

Project:10-06-25 QT #1437 GLENDALE, AZ

## AHU/RTU



**Diffuser Supply (GRD)**

**RT-1/SALES FLOOR**

<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>
SGRD1	ENTRANCE	LINEAR	10"	300	1	430	362	362	120.7
SGRD2	SALES	ES	10"	400	1	449	444	444	111.0
SGRD3	SALES	ES	10"	450	1	418	471	471	104.7
SGRD4	SALES	ES	12"	400	1	486	358	358	89.5
SGRD5	SALES	ES	12"	400	1	509	463	463	115.8
SGRD6	SALES	ES	10"	450	1	515	461	461	102.4
SGRD7	SALES	ES	12"	550	1	569	444	444	80.7
SGRD8	SALES	ES	12"	525	1	513	442	442	84.2
SGRD9	WOMEN'S RR	ES	10"	175	1	248	224	224	128.0
SGRD10	JANITOR	ES	12"	300	1	581	648	648	216.0
SGRD11	MEN'S RR	ES	8"	250	1	292	227	227	90.8
<b>Total</b>				<b>4200</b>		<b>5010</b>	<b>4544</b>	<b>4544</b>	<b>108.19%</b>

# National TAB

Project: 10-06-25 QT #1437 GLENDALE, AZ

System/Unit: AHU/RTU



Asset: RT-2

AREA: SALES FLOOR

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202205-ANEK24522
Model Num	NA	RN-013-8-0-EA0A-152
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	45X22
Num Final Filter 1	-	2
Final Filter Size 1	-	46X19.5X2

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NL
Horsepower	-	3.0
Motor Rpm	-	1760
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	10.6

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
Belt Alignment	DD

Test Data		
	Design	Actual
SF CFM	4200	4461
SF RPM	-	45 HZ
RA CFM	3400	3608
OA CFM	800	853
RL Voltage	-	156
RL Amperage	-	7.3
SF Rotation	-	NA
SF System SetPt	-	45 HZ
RA Damper Position	-	54%
Min OA Damper Position	-	46%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	NA

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.66"
Fan Suction SP	-	-0.97"
Fan Discharge SP	-	0.20"
Total ESP	-	0.86"
Fan Total SP	-	1.17"

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

Completed By: Christine Weale on 10/14/2025

Notes:

Pictures attached to show inaccessible diffuser #4, all air was diverted to measure, then the damper was opened for it at the end of balance.

Written By: Christine Weale on 10/14/2025

**Unit Data - PHOTO LOG**



**10/14/2025**



**10/14/2025**

# National TAB

Project:10-06-25 QT #1437 GLENDALE, AZ

## AHU/RTU



**Diffuser Supply (GRD)**

**RT-2/SALES FLOOR**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	ENTRANCE	LINEAR	10"	300	1	439	428	428	142.7
SGRD2	SALES	ES	10"	400	1	483	432	432	108.0
SGRD3	SALES	ES	12"	525	1	619	574	574	109.3
SGRD4	SALES	ES	8"	200	1	--	--		-
SGRD5	SALES	ES	12"	525	1	707	542	542	103.2
SGRD6	SALES	ES	12"	525	1	632	526	526	100.2
SGRD7	SIDE ENTRANCE	ES	10"	300	1	353	321	321	107.0
SGRD8	SALES	ES	12"	525	1	749	632	632	120.4
SGRD9	SERVICE COUNTER	ES	10"	450	1	599	528	528	117.3
SGRD10	SERVICE COUNTER	ES	10"	450	1	404	478	478	106.2
Total				4200		4985	4461	4461	106.21%

Completed By: Christine Weale on 10/14/2025

# National TAB

Project: 10-06-25 QT #1437 GLENDALE, AZ

System/Unit: AHU/RTU



Asset: RT-3

AREA:BOH/KITCHEN

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202205-ANEK24523
Model Num	NA	RN-013-8-0-EA0A-152
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	45X22
Num Final Filter 1	-	2
Final Filter Size 1	-	46X19.5X2

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NL
Horsepower	-	3.0
Motor Rpm	-	1760
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	10.6

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
Belt Alignment	DD

Test Data		
	Design	Actual
SF CFM	4200	4145
SF RPM	-	49 HZ
RA CFM	3400	3334
OA CFM	800	811
RL Voltage	-	177.8
RL Amperage	-	8.9
SF Rotation	-	NA
SF System SetPt	-	49 HZ
RA Damper Position	-	54%
Min OA Damper Position	-	46%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	NA

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.49"
Fan Suction SP	-	-0.76"
Fan Discharge SP	-	0.14"
Total ESP	-	0.63"
Fan Total SP	-	0.90"

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

Completed By: Christine Weale on 10/14/2025

Notes:

Pictures attached of inaccessible dampers, which caused slight imbalances. RTU3 -1 damper was opened, the only damper accessible. The oven could not be moved due to connections behind it.

Written By: Christine Weale on 10/14/2025

## Unit Data - PHOTO LOG



10/14/2025



10/14/2025

## Test Data - PHOTO LOG



10/14/2025



10/14/2025

**National TAB**  
 Project:10-06-25 QT #1437 GLENDALE, AZ  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RT-3/BOH/KITCHEN**

<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>
SGRD1	SUPPORT SERVICE	SI	12"	800	1	808	808	808	101.0
SGRD2	SUPPORT SERVICE	SI	12"	800	1	808	808	808	101.0
SGRD3	SUPPORT SERVICE	SI	12"	800	1	862	862	862	107.8
SGRD4	SUPPORT SERVICE	SI	12"	800	1	864	864	864	108.0
SGRD5	WORKROOM	ES	10"	500	1	511	511	511	102.2
SGRD6	WORKROOM	ES	10"	500	1	292	292	292	58.4
<b>Total</b>				<b>4200</b>		<b>4145</b>	<b>4145</b>	<b>4145</b>	<b>98.69%</b>

Completed By: Christine Weale on 10/14/2025

# National TAB

Project: 10-06-25 QT #1437 GLENDALE, AZ

System/Unit: FAN - Exhaust



Asset: EF1

AREA:RR/JANITOR

Unit Data		
	Design	Actual
MFG	NA	CAPTIVEAIRE
Model Num	NA	DR50HFA
Serial Num	-	5547376
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	HSSA
Frame	-	NL
Horsepower	-	0.5
Motor Rpm	-	1625
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	5.6
Service Factor	-	1.0

Test Data		
	Design	Actual
CFM	750	887
Fan RPM	-	NA
Fan Rotation	-	CCW
Motor RPM	-	NA
System SetPt	-	LOW @SPD CTRLR
RL Voltage	-	NA
RL Amperage	-	8.4
Total ESP	-	0.42
Fan Inlet SP	-	-0.42
Fan Discharge SP	-	ATMS

Completed By: Christine Weale on 10/14/2025

## Unit Data - PHOTO LOG



10/14/2025

# National TAB

Project: 10-06-25 QT #1437 GLENDALE, AZ

## FAN - Exhaust



**Diffuser Ret/Exh (GRD)**

**EF1/RR/JANITOR**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	MEN'S RR	EE	12"	300	1	384	363	363	121.0
EGRD2	JANITORS CLOSET	EE	6"	100	1	82	83	83	83.0
EGRD3	WOMEN'S RR	EE	10"	200	1	285	262	262	131.0
EGRD4	SUPPORT SERVICE	RI	8"	150	1	217	179	179	119.3
Total				750		968	887	887	118.27%

# National TAB

Project: 10-06-25 QT #1437 GLENDALE, AZ

System/Unit: FAN - Exhaust



Asset: EF3

AREA:KITCHEN HD

Unit Data		
	Design	Actual
MFG	NA	CAPTIVEAIRE
Model Num	NA	DU50HFA
Serial Num	-	7644879
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	NEMA
Frame	-	NL
Horsepower	1/2	0.5
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	3.8
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	1350	1435
Fan RPM	-	1295
Fan Rotation	-	CCW
Motor RPM	-	1295
System SetPt	-	53.8 HZ, 68%
RL Voltage	-	206.1
RL Amperage	-	2.45
Total ESP	-	0.60"
Fan Inlet SP	-	-0.60"
Fan Discharge SP	-	ATMS

Completed By: Christine Weale on 10/14/2025

## Unit Data - PHOTO LOG



10/14/2025

# National TAB

Project: 10-06-25 QT #1437 GLENDALE, AZ

## System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:GRIDDLE

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	6030ND-2-F	6030ND-2-F
Job / Serial Num	-	7644879
Type	-	TYPE I CANOPY
Hood length	-	108"
Hood Width	-	60"

Test Data Exhaust		
	Design	Actual
Filter Type	-	CAPTRATE SOLO
Filter Size 1	-	16X20
Filter Qty 1	-	6
Filter AK factor size 1	-	2.08
Filter Total AK Area	-	12.48
Filter1 FPM	-	116
Filter2 FPM	-	114
Filter3 FPM	-	119
Filter4 FPM	-	117
Filter5 FPM	-	108
Filter6 FPM	-	114
Filter Ave FPM(corr)	-	115
CFM	1350	1435

Cooking Equipment	
	Actual
Item 1	FRYER
Item 2	COMBIOVEN

Completed By: Christine Weale on 10/14/2025

Notes:  
SMOKE TEST FAILED AT 20% OVER DESIGN CFM. LEFT FAN SPD W/I 10% TOLERANCE.

Written By: Christine Weale on 10/14/2025

## Unit Data - PHOTO LOG



10/14/2025

