

Report By:

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



Report: TAB Report
Function: Test, Adjust, & Balance
Date: 11/05/2025
Completed By: National TAB

PROJECT

10-27-25 CHIPOTLE # 5650 Cumberland, MD

218 WILLIAMS ST

CUMBERLAND, MD 21502

Client

Chipotle Mexican Grill
610 Newport Center Drive, Suite 1100
Newport Beach, CA 92660

National TAB

Project: 10-27-25 CHIPOTLE # 5650 Cumberland, MD

Table Of Contents

Section	Page #
Checklist Data	3
AHU/RTU	12
FAN - Exhaust	18
FAN - Supply	21
Kitchen Hood Type I	22

CheckList List

- 01: RTU'S/AHU'S
- 02: EF'S
- 03: MUA
- 04: HOODS
- 05: FINAL TESTS



10-27-25 CHIPOTLE # 5650 Cumberland, MD

CheckList Information

Name : 01: RTU'S/AHU'S Status : Not Completed
Assigned Organization : National TAB Asset :
Requesting Organization : National TAB
Created Date : 09/18/2025 - Natasha Louw - National TAB

CheckList Item Details

RTU's/AHU's

Thermostats installed and have power? Yes

Comment:

Thermostats currently installed directly in units for fan control.

All diffusers and grilles are installed and match design? Yes

Comment:

Deflector plates are removed from 1x1 diffusers on the serve line (double check that this is specified on the diffuser schedule first) 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?

Comment:

DCV Max damper opening position is set to minimum?

Comment:

Free cooling enthalpy set point set for lowest setting (Typically "D")

Comment:

Motors are all operating below the FLA rating?

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?

Comment:



10-27-25 CHIPOTLE # 5650 Cumberland, MD

CheckList Information

Name : 02: EF'S Status : Not Completed
Assigned Organization : National TAB Asset :
Requesting Organization : National TAB
Created Date : 09/18/2025 - Natasha Louw - National TAB

CheckList Item Details

EF's

Rotation is correct?

Comment:

Belts are tight?

N/A

Comment:

Viroguard installed on hood fan(s)?

Yes

Comment:

Hinge kit installed installed on hood fan?

Comment:

Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?

Comment:

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

Comment:

There is no major leakage around base of fan?

Yes

Comment:

Is the motor operating below the motor FLA rating?

Comment:

For restroom fan(s) is the back draft damper installed and can it fully open?

No

Comment:

No backdraft damper installed.

Unit free of noticeable noise and vibration?

Comment:



10-27-25 CHIPOTLE # 5650 Cumberland, MD

CheckList Information

Name : 03: MUA **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 09/18/2025 - Natasha Louw - National TAB

CheckList Item Details

MUA

Rotation is correct?

Comment:

Gas piping is installed and valves are in on position?

Comment:

Internal motorized damper is fully opening?

Comment:

Motor is operating below the FLA rating?

Comment:

Unit free of noticeable noise and vibration?

Comment:



10-27-25 CHIPOTLE # 5650 Cumberland, MD

CheckList Information

Name : 04: HOODS **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 09/18/2025 - Natasha Louw - National TAB

CheckList Item Details

HOODS

All hood filters installed and accounted for?

Comment:

Hoods are wired and have power?

Comment:

Hood is free of alarms?

Comment:

Hood is free of damage?

Comment:

Quarter or full vertical end panels are installed if specified?

Comment:



10-27-25 CHIPOTLE # 5650 Cumberland, MD

CheckList Information

Name : 05: FINAL TESTS **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 09/18/2025 - Natasha Louw - National TAB

CheckList Item Details

FINAL CHECKS

Is space free of drafting?

Comment:

Is space comfortable in all areas?

Yes

Comment:

Is the space free of ventilation noise?

Yes

Comment:

List kitchen equipment turned on for testing

Comment:

List smoke candle type used

Comment:

HOOD CAPTURE TEST

Smoke test capture % - Perimeter of hood

Comment:

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)

Comment:

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Project: 10-27-25 CHIPOTLE # 5650 Cumberland, MD

System/Unit: AHU/RTU



Asset: RTU1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	3025P60553
Model Num	48FE_M09	48FE_M09
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	35"X19.3125"
Num Final Filter 1	-	4
Final Filter Size 1	-	16"X20"X4"

Motor Data		
	Design	Actual
Motor MFG	-	N/L
Frame	-	N/L
Horsepower	-	2.4
Motor Rpm	-	N/L
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	6.4

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	3400	3419
SF RPM	-	1754
RA CFM	2900	2903
OA CFM	500	516
RL Voltage	-	214.5/213.8/214.3
RL Amperage	-	4.8/5.0/4.8
SF Rotation	-	CCW
SF System SetPt	-	8.3VDC
RA Damper Position	-	MECHANICAL LINKAGE
Min OA Damper Position	-	3.0V
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	33 BTU/lbm

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.86"
Fan Suction SP	-	-1.24"
Fan Discharge SP	-	0.53"
Total ESP	0.80"	1.39"
Fan Total SP	-	1.77"

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	NO
Condensate Drain Installed	YES

Completed By: John Barresi on 10/28/2025

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Project:10-27-25 CHIPOTLE # 5650 Cumberland, MD

AHU/RTU



Diffuser Supply (GRD)

RTU1/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	KITCHEN	CD1	12"	425	1	501	461	417	98.1
SGRD2	KITCHEN	CD1	12"	425	1	481	442	441	103.8
SGRD3	KITCHEN	CD2	8"	250	1	366	337	266	106.4
SGRD4	KITCHEN	CD2	8"	250	1	320	294	228	91.2
SGRD5	KITCHEN HD	ACPSP	165X6	700	1	439	404	674	96.3
SGRD6	KITCHEN	CD2	8"	250	1	316	291	250	100.0
SGRD7	KITCHEN	CD2	8"	250	1	277	255	266	106.4
SGRD8	OFFICE	CD1	8"	150	1	239	220	154	102.7
SGRD9	BOH	CD1	12"	350	1	505	465	345	98.6
SGRD10	BOH	CD1	12"	350	1	396	364	378	108.0
Total				3400		3840	3533	3419	100.56%

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Project: 10-27-25 CHIPOTLE # 5650 Cumberland, MD

System/Unit: AHU/RTU



Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	3025P60552
Model Num	48FE_M12	48FE_M12
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	35"X19.375"
Num Final Filter 1	-	4
Final Filter Size 1	-	16"X20"X4"

Motor Data		
	Design	Actual
Motor MFG	-	N/L
Frame	-	N/L
Horsepower	-	2.4
Motor Rpm	-	N/L
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	6.4

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	3500	3446
SF RPM	-	1408
RA CFM	2500	2452
OA CFM	1000	994
RL Voltage	-	214.9/214.3/214.3
RL Amperage	-	2.6/2.6/2.5
SF Rotation	-	CCW
SF System SetPt	-	6.6VDC
RA Damper Position	-	MECHANICAL LINKAGE
Min OA Damper Position	-	5.0V
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	33 BTU/lbm

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.42"
Fan Suction SP	-	-0.74"
Fan Discharge SP	-	0.29"
Total ESP	0.80"	0.71"
Fan Total SP	-	1.03"

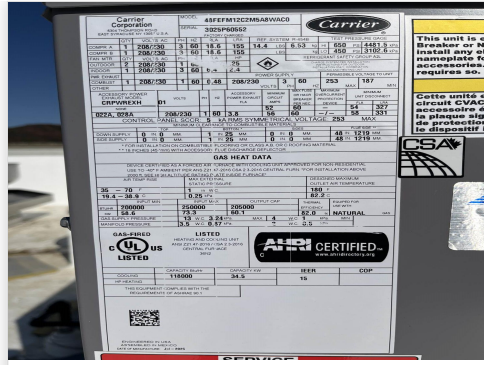
General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	NO
Condensate Drain Installed	YES

Completed By: John Barresi on 10/28/2025

Unit Data - PHOTO LOG



10/28/2025



10/28/2025



10/28/2025

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Project:10-27-25 CHIPOTLE # 5650 Cumberland, MD

AHU/RTU



Diffuser Supply (GRD)

RTU2/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	SR2	18/6	350	1.12	653	516	347	99.1
SGRD2	DINING	SR2	18/6	450	1.12	495	391	451	100.2
SGRD3	DINING	SR1	14"	700	1	695	552	590	84.3
SGRD4	DINING	SR1	14"	600	1	842	665	664	110.7
SGRD5	DINING	SR1	14"	500	1	686	542	522	104.4
SGRD6	DINING	SR1	14"	450	1	583	461	469	104.2
SGRD7	DINING	SR1	14"	400	1	448	354	355	88.8
SGRD8	RESTROOM	CD3	6"	50	1	48	38	48	96.0
Total				3500		4450	3519	3446	98.46%

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Project: 10-27-25 CHIPOTLE # 5650 Cumberland, MD

System/Unit: FAN - Exhaust



Asset: EF1

AREA: KITCHEN HD

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DU180HFA	DU180HFA
Serial Num	-	-
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	2550	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	1.20"	
Fan Inlet SP	-	
Fan Discharge SP	-	

Motor Data		
	Design	Actual
Motor MFG	-	N/L
Frame	-	N/L
Horsepower	2	
Motor Rpm	-	N/L
Phase	3	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

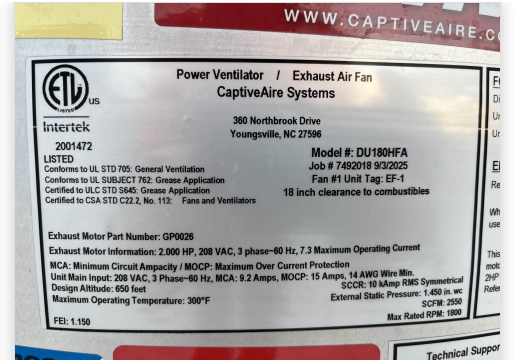
Unit Data - PHOTO LOG



10/28/2025



10/28/2025



10/28/2025



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Project: 10-27-25 CHIPOTLE # 5650 Cumberland, MD

System/Unit: FAN - Exhaust

Asset: EF2

AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	7492018
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	150	243
Fan RPM	-	1034
Fan Rotation	-	CCW
Motor RPM	-	1034
System SetPt	-	55%
RL Voltage	-	N/A
RL Amperage	-	N/A
Total ESP	0.60"	0.15"
Fan Inlet SP	-	0.15"
Fan Discharge SP	-	ATM

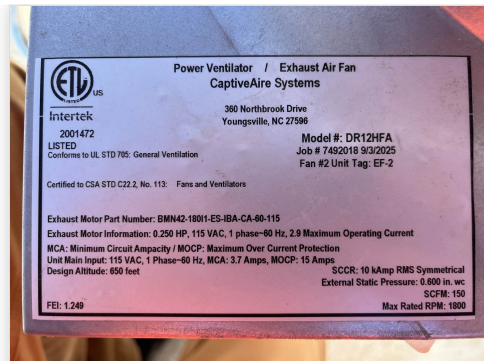
Motor Data		
	Design	Actual
Motor MFG	-	TELCO-GREEN
Frame	-	N/L
Horsepower	0.18	0.25
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	2.9
Service Factor	-	N/L

Completed By: John Barresi on 10/28/2025

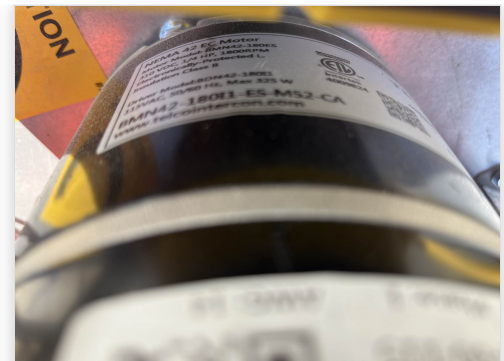
Unit Data - PHOTO LOG



10/28/2025



10/28/2025



10/28/2025

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Project:10-27-25 CHIPOTLE # 5650 Cumberland, MD

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF2/RESTROOM

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	RESTROOM	ER1	6/6	120	1	171	101	111	92.5
EGRD2	RESTROOM	ER1	6/6	120	1	144	126	132	110.0
Total				240		315	227	243	101.25%

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Project: 10-27-25 CHIPOTLE # 5650 Cumberland, MD

System/Unit: FAN - Supply



Asset: MAU1

AREA: KITCHEN HD

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	A1-D.250-15D	A1-D.250-15D
Serial Num	-	7492018
Type	MAU	MAU
Configuration	VERTICAL	VERTICAL

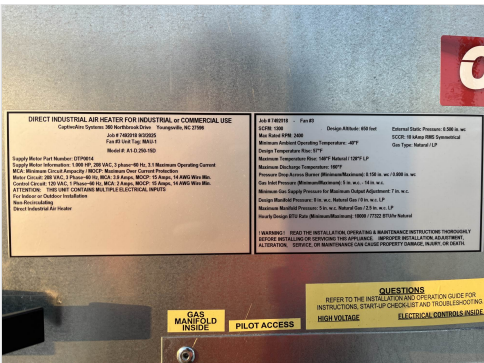
Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	143T
Horsepower	1.0	1.0
Motor Rpm	-	1740
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	2.90
Service Factor	-	1.15

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	
Flame Status (pass/fail)	-	
Inlet Air Temp SetPt	55	
Discharge Air Temp SetPt	60	
Air Flow Switch SP Actual	-	

Test Data		
	Design	Actual
CFM	1300	
SF RPM	-	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Discharge SP	-	

General	
	Actual
Fan Rotation Correct	

Unit Data - PHOTO LOG



10/28/2025



10/28/2025



10/28/2025

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Project: 10-27-25 CHIPOTLE # 5650 Cumberland, MD

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:KITCHEN

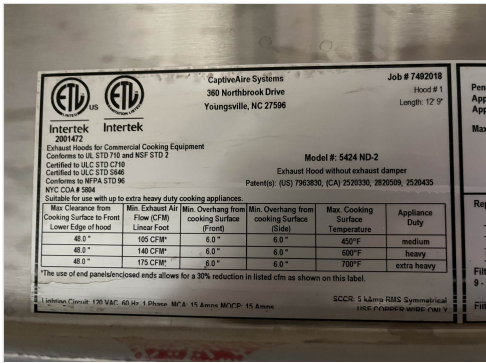
Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	5424 ND-2-ACPSP-F	5424 ND-2-ACPSP-F
Job / Serial Num	-	7492018
Type	TYPE 1 CANOPY	TYPE 1 CANOPY
Hood length	153"	153"
Hood Width	54"	54"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	9"	9"
Supply Plenum Length	165"	165"

Test Data Exhaust		
	Design	Actual
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	2550	

Cooking Equipment	
	Actual
Item 1	GRIDDLE
Item 2	STOVE
Item 3	RICE COOKER
Item 4	FRYER

Test Data Supply		
	Design	Actual
Total Area	10.31	
Kv factor (Vel)	0.81	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	1300	

Unit Data - PHOTO LOG



10/28/2025



10/28/2025