

Report By:

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



Report: TAB

Function: Test, Adjust, & Balance

Date: 04/28/2025

Completed By: United Test & Balance, Inc.

PROJECT

03-31-25 CHIPOTLE #5592 ASHLAND, OR

2305 ASHLAND ST

ASHLAND , OR 97520

Client

Chipotle Mexican Grill
610 Newport Center Drive, Suite 1100

Newport Beach, CA 92660

National TAB

Project: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

Table Of Contents

Section	Page #
SUMMARY	3
REMARKS	4
BALANCE SCHEDULE	6
Checklist Data	7
AHU/RTU	17
FAN - Exhaust	27
FAN - Supply	32
Kitchen Hood Type I	33
GRD LAYOUT	35

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.

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.

MUA (Make Up Air Unit) w/ PSP

Total flow for the MAU (Make-up Air Unit) unit was measured by readings taken at the discharge of the hood's perforated supply plenum. Readings taken with a velocity matrix were averaged and multiplied by a manufacturer's corrected area. Adjustments to the fan speed were made in order to bring the unit to within design tolerance. Any MUA's that fell outside of this 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.

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 of $-0.02''$ wc to $+0.02''$ wc 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

- Butterfly Dampers Fully Closed



03-31-25 CHIPOTLE #5592 ASHLAND, OR

Project Issue Information

Issue Name : Butterfly Dampers Fully Closed
Description : Outlets S-06 and S-05 are fully closed and operating at 82 and 88 CFM for a design of 50. Rooms are neutral.
Created By : United Test & Balance, Inc. **Assigned To :** National TAB - Brianna Biggs
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 04/11/2025 - William Clayton - United Test & Balance, Inc.

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Project: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

- [Open](#) BALANCE_SCHEDULE_5592.xlsx

CheckList List

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



03-31-25 CHIPOTLE #5592 ASHLAND, OR

CheckList Information

Name : 01: RTU'S/AHU'S **Status :** Completed

Assigned Organization : MULTIPLE **Asset :**

Requesting Organization : National TAB

Created Date : 03/13/2025 - Kyle Henry - National TAB

Completed Date : 04/11/2025 - William Clayton - National TAB

CheckList Item Details

RTU's/AHU's

Thermostats installed and have power?	Yes
---------------------------------------	-----

Comment:

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?	No
---	----

Comment:

Unit 1 & 2 do not have any. Unit 3 & 4 are not working.

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?

Yes

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

No

Comment:

Unit 2 has a missing piece of the blower wheel causing a bad vibration.

Final outside air damper position is marked with permanent marker?

Comment:



03-31-25 CHIPOTLE #5592 ASHLAND, OR

CheckList Information

Name : 02: EF'S **Status :** Completed

Assigned Organization : MULTIPLE **Asset :**

Requesting Organization : National TAB

Created Date : 03/13/2025 - Kyle Henry - National TAB

Completed Date : 04/11/2025 - William Clayton - National TAB

CheckList Item Details

EF's

Rotation is correct?	Yes
----------------------	-----

Comment:

Belts are tight?	N/A
------------------	-----

Comment:

Viroguard installed on hood fan(s)?	Yes
-------------------------------------	-----

Comment:

Hinge kit installed installed on hood fan?	Yes
--	-----

Comment:

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

Comment:

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

Comment:

There is no major leakage around base of fan?

Yes

Comment:

Is the motor operating below the motor FLA rating?

Yes

Comment:

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

Yes

Comment:

Unit free of noticeable noise and vibration?

Yes

Comment:



03-31-25 CHIPOTLE #5592 ASHLAND, OR

CheckList Information

Name : 03: MUA **Status :** Completed

Assigned Organization : MULTIPLE **Asset :**

Requesting Organization : National TAB

Created Date : 03/13/2025 - Kyle Henry - National TAB

Completed Date : 04/15/2025 - Aaron Wulk - National TAB

CheckList Item Details

MUA

Rotation is correct?	Yes
----------------------	-----

Comment:

Gas piping is installed and valves are in on position?	Yes
--	-----

Comment:

Internal motorized damper is fully opening?	Yes
---	-----

Comment:

Motor is operating below the FLA rating?	Yes
--	-----

Comment:

Unit free of noticeable noise and vibration?	Yes
--	-----

Comment:

Notes/Comments :

Motor at max amps



03-31-25 CHIPOTLE #5592 ASHLAND, OR

CheckList Information

Name : 04: HOODS **Status :** Completed

Assigned Organization : MULTIPLE **Asset :**

Requesting Organization : National TAB

Created Date : 03/13/2025 - Kyle Henry - National TAB

Completed Date : 04/15/2025 - Aaron Wulk - National TAB

CheckList Item Details

HOODS

All hood filters installed and accounted for? Yes

Comment:

Hoods are wired and have power? Yes

Comment:

Hood is free of alarms? Yes

Comment:

Hood is free of damage? Yes

Comment:

Quarter or full vertical end panels are installed if specified? Yes

Comment:



03-31-25 CHIPOTLE #5592 ASHLAND, OR

CheckList Information

Name : 05: FINAL TESTS **Status :** Completed

Assigned Organization : MULTIPLE **Asset :**

Requesting Organization : National TAB

Created Date : 03/13/2025 - Kyle Henry - National TAB

Completed Date : 04/15/2025 - Aaron Wulk - National TAB

CheckList Item Details

FINAL CHECKS

Is space free of drafting? Yes

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 No

Comment:

List smoke candle type used

Comment:

None

HOOD CAPTURE TEST

Smoke test capture % - Perimeter of hood

Comment:

None

Smoke test capture % - Top of cooking surface

Comment:

None

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: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

System/Unit: AHU/RTU



Asset: RTU1

AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	1911158519
Model Num	DSH036	DSH036
Type	RTU	RTU
Configuration	VERTICAL	Vertical
Num Final Filter 1	-	4
Final Filter Size 1	-	14x20x2

Motor Data		
	Design	Actual
Motor MFG	-	US motors
Frame	-	56
Horsepower	3	1
Motor Rpm	Not Listed	1725
Phase	3	3
Rated Voltage	208	208
Rated Amperage	Not Listed	3.4

Drive Data		Actual
Motor Sheave Size		3 inch
Motor Bore Size		5/8
Fan Sheave Size		6
Fan Sheave Bore		15/16
Belt CL Distance		19.75
Num of Belts		1
Belt Size		AX51

Test Data		
	Design	Actual
SF CFM	1050	1315
SF RPM	Not Listed	826
MOTOR RPM	Not Listed	1771
RA CFM	0	
OA CFM	0	
ABS MIN OA	-	
ABS MIN OA DAMPER POSITION	-	
RL Voltage	-	210
RL Amperage	-	
SF Rotation	-	Correct
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	.8"	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

General		Actual
Fan Rotation Correct		Correct
Unit Filters Clean		Partially Loaded

Unit Data - PHOTO LOG

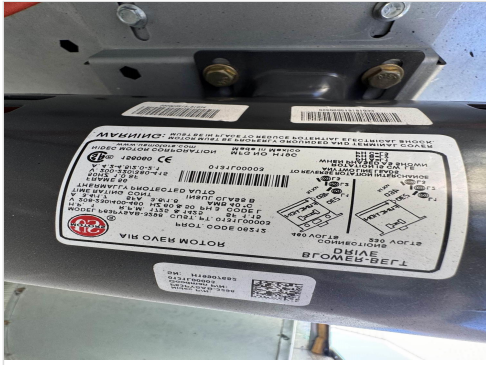


04/15/2025



04/11/2025

Motor Data - PHOTO LOG



04/15/2025

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Project:03-31-25 CHIPOTLE #5592 ASHLAND, OR

AHU/RTU



Diffuser Supply (GRD)

RTU1/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU1-SGRD1	KITCHEN	CD2	8"	250	1	100		555	222.0
RTU1-SGRD2	KITCHEN	CD2	8"	250	1			555	222.0
RTU1-SGRD3	KITCHEN	CD2	8"	250	1			555	222.0
RTU1-SGRD4	KITCHEN	CD2	8"	250	1				-
RTU1-SGRD5	KITCHEN	CD1	12"	400	1				-
RTU1-SGRD6	KITCHEN	CD1	12"	400	1				-
RTU1-SGRD7	BACK	CD1	12"	425	1				-
RTU1-SGRD8	BACK	CD1	12"	425	1				-
RTU1-SGRD9	BACK	CD1	8"	150	1				-
RTU1-SGRD10	HOOD	ACPSP	165X6	700					-
Total				3500		100	0	1665	47.57%

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Project: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

System/Unit: AHU/RTU



Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	1907063709
Model Num	DSH048	DSH048
Type	RTU	RTU
Configuration	VERTICAL	Vertical
Num OA Filters 1	-	-
OA Filter Size 1	-	-
Num Final Filter 1	-	4
Final Filter Size 1	-	14x20x2
Num Final Filter 2	-	-
Final Filter Size 2	-	-

Motor Data		
	Design	Actual
Motor MFG	-	US motos
Frame	-	56
Horsepower	3	1
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	3.4

Drive Data	
	Actual
Motor Sheave Size	3.75
Motor Bore Size	5/8
Motor Sheave SetPt	None variable
Fan Sheave Size	6.5
Fan Sheave Bore	15/16
Belt CL Distance	19
Num of Belts	1
Belt Size	AX51
Belt Alignment	Correct

Test Data		
	Design	Actual
SF CFM	1400	1321
SF RPM	-	1000
RA CFM	0	
OA CFM	0	
RL Voltage	-	210
RL Amperage	-	
SF Rotation	-	Correct
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

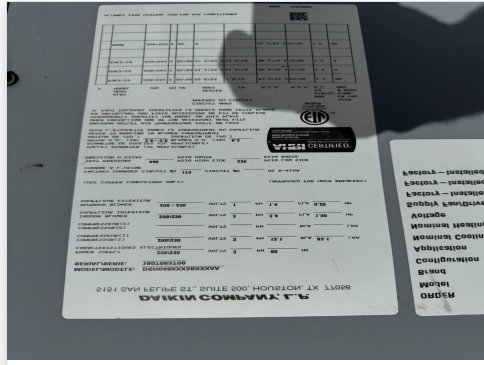
Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	.8"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	Correct
Unit Filters Clean	Partially loaded
Condensate Drain Installed	yes

Unit Data - PHOTO LOG

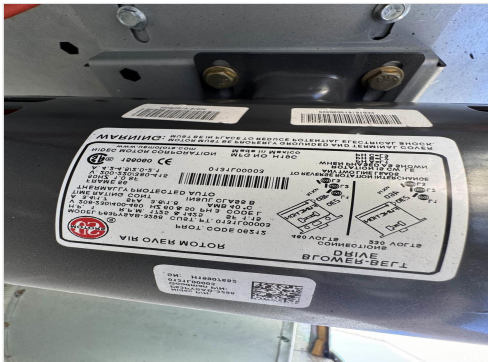


04/15/2025



04/15/2025

Motor Data - PHOTO LOG



04/15/2025

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Project:03-31-25 CHIPOTLE #5592 ASHLAND, OR

AHU/RTU



Diffuser Supply (GRD)

RTU2/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU2-SGRD1	DINING	(E)SR	8"	275	1				-
RTU2-SGRD2	DINING	(E)SR	8"	275	1				-
RTU2-SGRD3	DINING	(E)SR	8"	350	1				-
RTU2-SGRD4	DINING	SG1	8"	300	1				-
RTU2-SGRD5	DINING	SG1	8"	300	1				-
RTU2-SGRD6	DINING	SG1	8"	300	1				-
RTU2-SGRD7	DINING	SG1	8"	300	1				-
RTU2-SGRD8	DINING	(E)SR	8"	225	1				-
RTU2-SGRD9	DINING	(E)SR	8"	225	1				-
RTU2-SGRD10	DINING	(E)SR	8"	300	1				-
RTU2-SGRD11	DINING	(E)SR	8"	200	1				-
RTU2-SGRD12	RESTROOM	CD3	6"	50	1				-
RTU2-SGRD13	RESTROOM	CD3	6"	50	1				-
Total				3150		0	0	0	0%

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Project: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

System/Unit: AHU/RTU



Asset: RTU3

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	2204006877
Model Num	DRG072	DRG072
Type	RTU	RTU
Configuration	VERTICAL	Vertical
Num OA Filters 1	-	-
OA Filter Size 1	-	-
Num Final Filter 1	-	4
Final Filter Size 1	-	20x20x2
Num Final Filter 2	-	-
Final Filter Size 2	-	-

Motor Data		
	Design	Actual
Motor MFG	-	Digi Motor
Frame	-	-
Horsepower	3	1.2
Motor Rpm	-	1500
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	5

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

Test Data		
	Design	Actual
SF CFM	2100	2096
SF RPM	-	DD
RA CFM	0	
OA CFM	0	
RL Voltage	-	210
RL Amperage	-	
SF Rotation	-	Correct
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

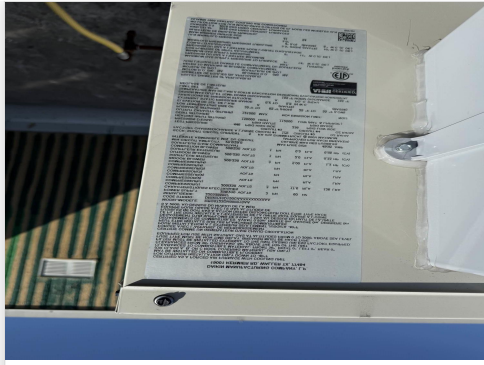
Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	.8"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	Correct
Unit Filters Clean	PArtilly Loaded
Condensate Drain Installed	Yes

Unit Data - PHOTO LOG

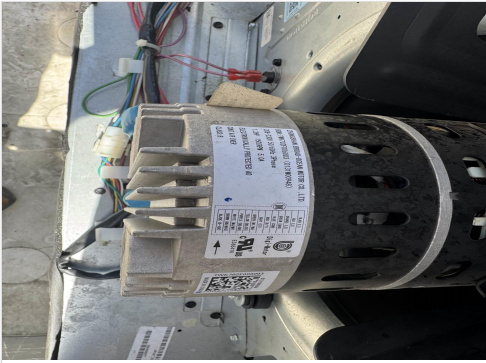


04/15/2025



04/15/2025

Motor Data - PHOTO LOG



04/15/2025

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Project: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

System/Unit: AHU/RTU



Asset: RTU4

AREA:DINING

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	2203286667
Model Num	DRG072	DRG072
Type	-	RTU
Configuration	-	Vertical
Num OA Filters 1	-	-
OA Filter Size 1	-	-
Num Final Filter 1	-	4
Final Filter Size 1	-	20x20x2
Num Final Filter 2	-	-
Final Filter Size 2	-	-

Motor Data		
	Design	Actual
Motor MFG	-	Digi Motor
Frame	-	-
Horsepower	3	1.2
Motor Rpm	-	1500
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	5

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

Test Data		
	Design	Actual
SF CFM	2100	2190
SF RPM	-	DD
RA CFM	0	
OA CFM	0	
RL Voltage	-	210
RL Amperage	-	
SF Rotation	-	Correct
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

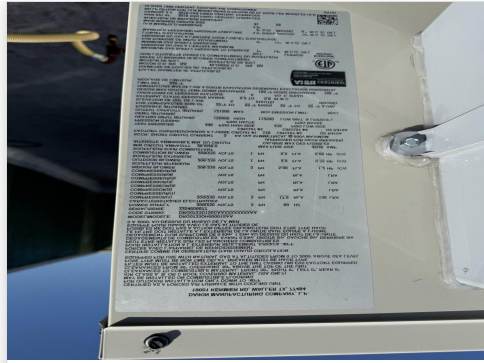
Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	.8"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	Correct
Unit Filters Clean	Partially Loaded
Condensate Drain Installed	Yes

Unit Data - PHOTO LOG



04/15/2025



04/15/2025

Motor Data - PHOTO LOG



04/15/2025

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Project: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

System/Unit: FAN - Exhaust



Asset: EF1

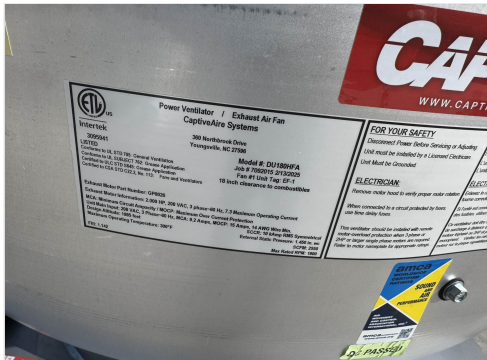
AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU180HFA	DU180HFA
Serial Num	-	7092015 2/13/2025
Type	UPBLAST	Upblast
Configuration	VERTICAL	Vertical

Test Data		
	Design	Actual
CFM	2550	2451
Fan RPM	-	43Hz
Fan Rotation	-	Correct
Motor RPM	-	43Hz
System SetPt	-	-
RL Voltage	-	73
RL Amperage	-	4.0
Total ESP	1.2"	
Fan Inlet SP	-	-0.50
Fan Discharge SP	-	0

Motor Data		
	Design	Actual
Motor MFG	-	Teco
Frame	-	184T
Horsepower	2	2
Motor Rpm	-	1165
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	6.56
Service Factor	-	1.15

Unit Data - PHOTO LOG



04/15/2025

Motor Data - PHOTO LOG



04/15/2025

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Project: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

System/Unit: FAN - Exhaust



Asset: EF2

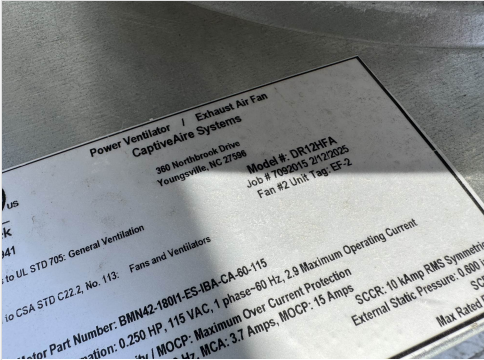
AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	7092015 2/12/2025
Type	DOWNBLAST	Downblast
Configuration	VERTICAL	Vertical

Test Data		
	Design	Actual
CFM	150	157
Fan RPM	-	732
Fan Rotation	-	Correct
Motor RPM	-	732
System SetPt	-	40
RL Voltage	-	121
RL Amperage	-	-
Total ESP	.6"	
Fan Inlet SP	-	-0.08
Fan Discharge SP	-	0

Motor Data		
	Design	Actual
Motor MFG	-	Telco Green
Frame	-	-
Horsepower	.18	1/4
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	-
Service Factor	-	-

Unit Data - PHOTO LOG



04/15/2025

Motor Data - PHOTO LOG



04/15/2025

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Project:03-31-25 CHIPOTLE #5592 ASHLAND, OR

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF2/RESTROOM

Asset												
Asset Name	Model Num	MFG	Type	Size	DESIGN CFM	AK	VEL(1)	CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design
EF2-1	NA	NA			75							-
EF2-2	NA	NA			75							-
Total					150			0		0	0	0%

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Project: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

System/Unit: FAN - Supply



Asset: MAU1

AREA:HOOD

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	A1-D.250-15D	A1-D.250-15D
Serial Num	-	6501916
Type	MAU	MAU
Configuration	VERTICAL	Vertical

Motor Data		
	Design	Actual
Motor MFG	-	Teco
Frame	-	143T
Horsepower	1	1
Motor Rpm	-	1750
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	2.9
Service Factor	-	1.15

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

Test Data		
	Design	Actual
CFM	1300	1056
SF RPM	-	60Hz
Motor RPM	-	1750
SF System SetPt	-	60Hz
RL Voltage	-	189
RL Amperage	-	2.8
Total ESP	-	
Fan Discharge SP	-	0.55

General	
	Actual
Fan Rotation Correct	

Motor Data - PHOTO LOG



04/15/2025

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Project: 03-31-25 CHIPOTLE #5592 ASHLAND, OR

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA: COOK LINE

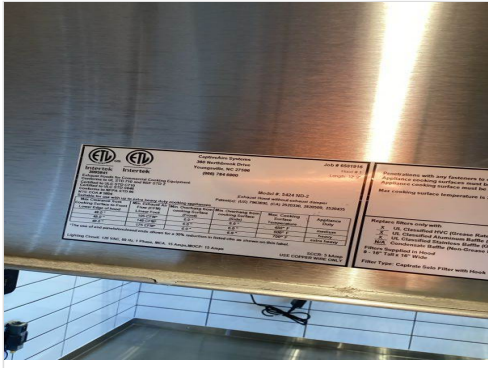
Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-ACPSP-F	5424 ND-2-ACPSP-F
Job / Serial Num	-	6501916
Type	TYPE 1 CANOPY	-
Hood length	153"	-
Hood Width	54"	-
Supply Plenum Type	-	perforated
Supply Plenum Width	9"	9
Supply Plenum Length	165"	159

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	-
Filter Size 1	16X16	16x16
Filter Qty 1	9	9
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	14.58	14.58
Filter1 FPM	-	157
Filter2 FPM	-	161
Filter3 FPM	-	175
Filter4 FPM	-	192
Filter5 FPM	-	179
Filter6 FPM	-	173
Filter7 FPM	-	172
Filter8 FPM	-	160
Filter9 FPM	-	144
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	2550	0

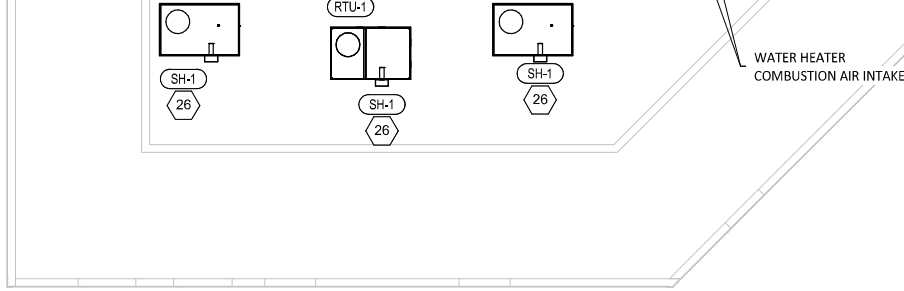
Cooking Equipment	
	Actual
Item 1	Flat top
Item 2	Stove
Item 3	Deep fryer
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total Area	10.31	
Kv factor (Vel)	.81	
Num of Readings	-	9
Reading1 FPM	-	157
Reading2 FPM	-	161
Reading3 FPM	-	175
Reading4 FPM	-	192
Reading5 FPM	-	179
Reading6 FPM	-	173
Reading7 FPM	-	172
Reading8 FPM	-	160
Reading9 FPM	-	144
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	1300	

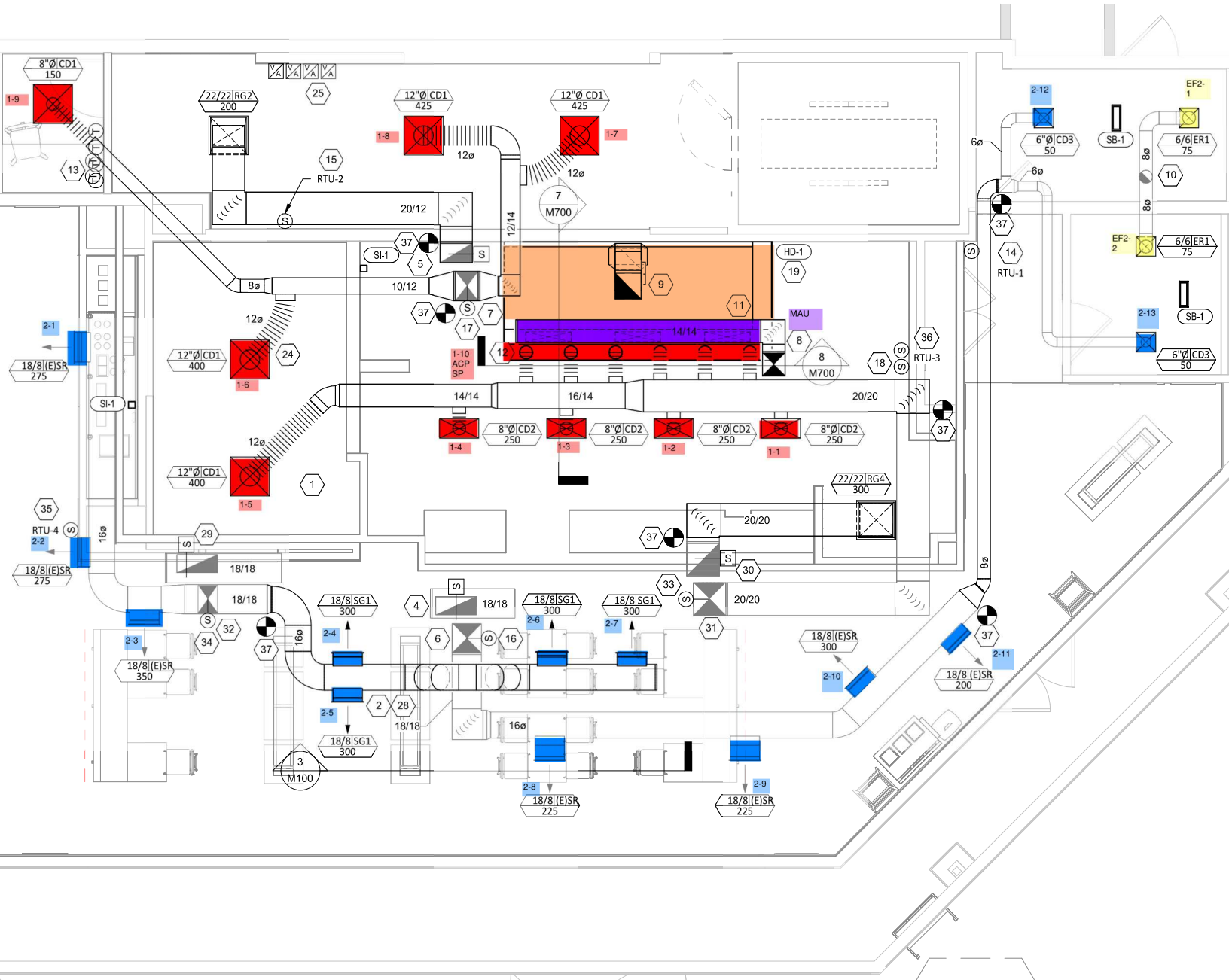
Unit Data - PHOTO LOG



04/15/2025



HVAC ROOF PLAN
 2
 M100
 1/8" = 1'-0"



HVAC FLOOR PLAN
 1
 M100
 1/4" = 1'-0"