

**Report By:**

**United Test & Balance, Inc.  
7013 Flagler Rd  
Nordland, WA 98358**

**Report: Issues Report**

**Function: Test, Adjust, & Balance**

**Date: 04/11/2025**

**Completed By: United Test & Balance, Inc.**

# **PROJECT**

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

2305 ASHLAND ST

ASHLAND , OR 97520

**Client**

# United Test & Balance, Inc.

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

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## Issue List

- Butterfly Dampers
- Butterfly Dampers Fully Closed
- MAU-01 81% of Design
- RTU-01 Outside Air
- RTU-02 Fan Blade
- RTU-02 Outside Air
- RTU-03 Outside Air
- RTU-04 Outside Air

**Project Issue Information**

**Issue Name :** Butterfly Dampers  
**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 :** United Test & Balance, Inc. - William Clayton  
**Status :** Open  
**Priority :** Urgent      **Asset Tag :** RTU1-SGRD5  
**Originated Date :** 04/11/2025 - William Clayton - United Test & Balance, Inc.

Project Issue File Details



04/11/2025

**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, **Assigned To :** National TAB - Brianna Biggs Inc.  
**Status :** Open  
**Priority :** Urgent **Asset Tag :**  
**Originated Date :** 04/11/2025 - William Clayton - United Test & Balance, Inc.

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

**Project Issue Information**

**Issue Name :** MAU-01 81% of Design

**Description :** MAU is limited at 60Hz. Appears to be some room left to increase to design. 2.8 Amps for 3.5

**Created By :** United Test & Balance, Inc.      **Assigned To :** United Test & Balance, Inc. - William Clayton

**Status :** Open

**Priority :** Urgent      **Asset Tag :**

**Originated Date :** 04/11/2025 - William Clayton - United Test & Balance, Inc.

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

**Project Issue Information**

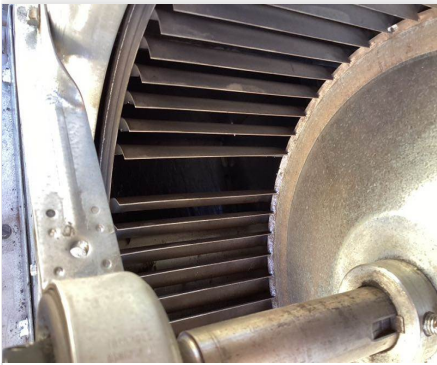
**Issue Name :** RTU-01 Outside Air  
**Description :** RTU-01 doesn't have outside air installed.  
**Created By :** United Test & Balance, Inc.      **Assigned To :** United Test & Balance, Inc. - William Clayton  
**Status :** Open  
**Priority :** Urgent      **Asset Tag :** RTU1  
**Originated Date :** 04/11/2025 - William Clayton - United Test & Balance, Inc.

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

**Project Issue Information**

**Issue Name :** RTU-02 Fan Blade  
**Description :** Fan missing blade. Causing fan to bounce violently.  
**Created By :** United Test & Balance, Inc.      **Assigned To :** United Test & Balance, Inc. - William Clayton  
**Status :** Open  
**Priority :** Urgent      **Asset Tag :** RTU2  
**Originated Date :** 04/11/2025 - William Clayton - United Test & Balance, Inc.

Project Issue File Details



04/11/2025

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

**Project Issue Information**

**Issue Name :** RTU-02 Outside Air  
**Description :** There is no outside air on the unit.  
**Created By :** United Test & Balance, Inc.      **Assigned To :** United Test & Balance, Inc. - William Clayton  
**Status :** Open  
**Priority :** Urgent      **Asset Tag :** RTU2  
**Originated Date :** 04/11/2025 - William Clayton - United Test & Balance, Inc.

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

**Project Issue Information**

**Issue Name :** RTU-03 Outside Air  
**Description :** The installed outside air is not opening when commanded.  
**Created By :** United Test & Balance, Inc.      **Assigned To :** United Test & Balance, Inc. - William Clayton  
**Status :** Open  
**Priority :** Urgent      **Asset Tag :** RTU3  
**Originated Date :** 04/11/2025 - William Clayton - United Test & Balance, Inc.

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

**Project Issue Information**

**Issue Name :** RTU-04 Outside Air  
**Description :** The installed outside air is not opening when commanded.  
**Created By :** United Test & Balance, Inc.      **Assigned To :** United Test & Balance, Inc. - William Clayton  
**Status :** Open  
**Priority :** Urgent      **Asset Tag :** RTU4  
**Originated Date :** 04/11/2025 - William Clayton - United Test & Balance, Inc.

# United Test & Balance, Inc.

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

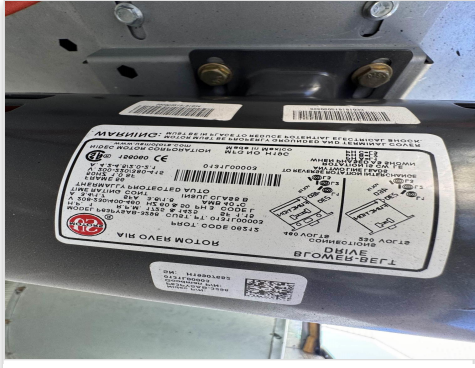


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# Motor Data - PHOTO LOG



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# United Test & Balance, Inc.

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	-	

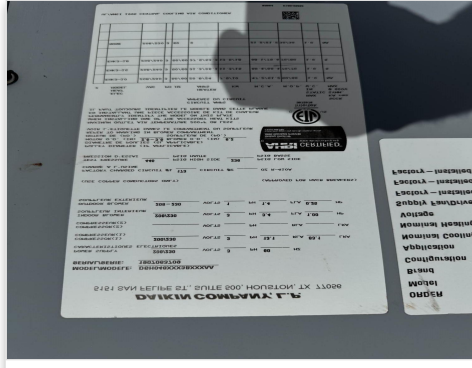
Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	.8"	
Fan Total SP	-	

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

# Unit Data - PHOTO LOG



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# United Test & Balance, Inc.

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	-	

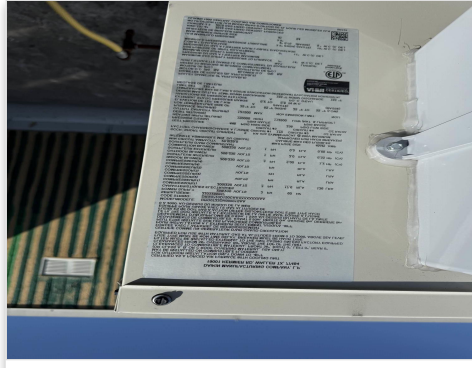
Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	.8"	
Fan Total SP	-	

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

# Unit Data - PHOTO LOG

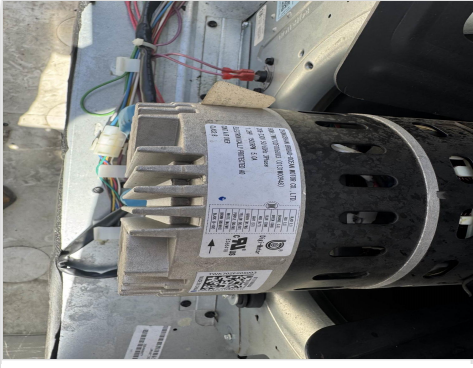


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## Motor Data - PHOTO LOG



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# United Test & Balance, Inc.

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



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# United Test & Balance, Inc.

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

Diffuser Ret/Exh (GRD)

**EF2/RESTROOM**

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

# United Test & Balance, Inc.

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

## 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%

### 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%

# United Test & Balance, Inc.

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

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

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





# United Test & Balance, Inc.

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

## System/Unit: FAN - Exhaust

Asset: EF2

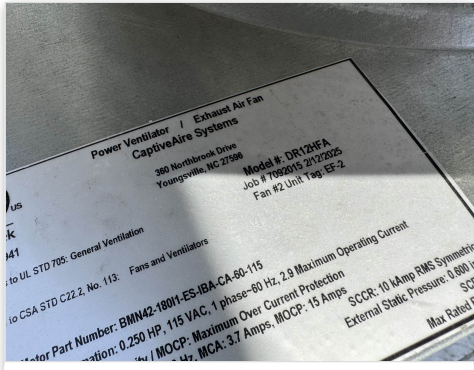
AREA:RESTROOM

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

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

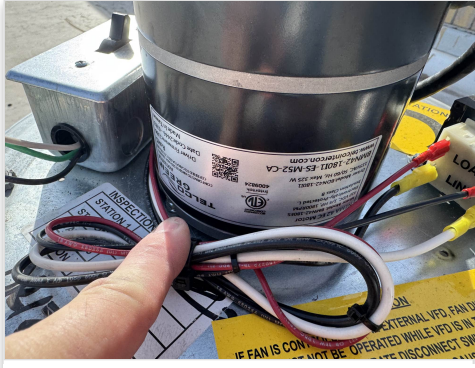
Test Data		
	Design	Actual
<b>CFM</b>	150	157
<b>Fan RPM</b>	-	732
<b>Fan Rotation</b>	-	Correct
<b>Motor RPM</b>	-	732
<b>System SetPt</b>	-	40
<b>RL Voltage</b>	-	121
<b>RL Amperage</b>	-	-
<b>Total ESP</b>	.6"	
<b>Fan Inlet SP</b>	-	-0.08
<b>Fan Discharge SP</b>	-	0

## Unit Data - PHOTO LOG



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## Motor Data - PHOTO LOG



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# United Test & Balance, Inc.

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

## System/Unit: FAN - Supply

Asset: MAU1

AREA:HOOD

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

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

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

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

General	
	Actual
<b>Fan Rotation Correct</b>	



# United Test & Balance, Inc.

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

System/Unit: Kitchen Hood Type I

Asset: HD1

AREA: COOK LINE

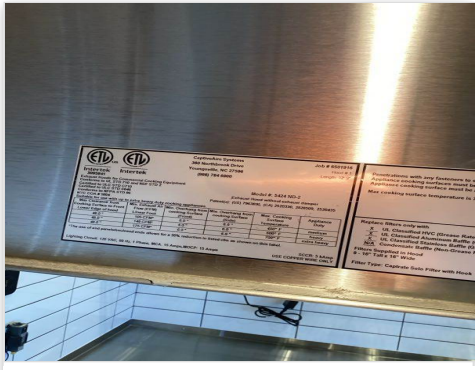
Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-ACPSP-F	5424 ND-2-ACPSP-F
Job / Serial Num	-	6501916
Type	TYPE 1 CANOPY	-
Hood length	153"	-
Hood Width	54"	-
Supply Plenum Type	-	perforated
Supply Plenum Width	9"	9
Supply Plenum Length	165"	159

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