

# National TAB

Project: 03-03-25 CHIPOTLE #5042 METAIRIE, LA

System/Unit: AHU/RTU



Asset: RTU1

AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2323P62348
Model Num	48FCFN14	48FCFN12C2M5A6W4F0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	36X20
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	NL	NL
Motor Rpm	NL	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	NL	6.4

Drive Data	
	Actual
Motor Sheave Size	DIRECT DRIVE

Test Data		
	Design	Actual
SF CFM	3500	3670
SF RPM	NL	1420
RA CFM	2750	2911
OA CFM	750	759
RL Voltage	208	212/213/212
RL Amperage	NL	2.8/2.9/2.9
SF Rotation	-	CCW
SF System SetPt	-	6.7 VDC
RA Damper Position	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	OPPOSED BLADE
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.41"
Fan Suction SP	-	-0.63"
Fan Discharge SP	-	0.45"
Total ESP	0.8"	0.86"
Fan Total SP	-	1.08"

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

# National TAB

Project:03-03-25 CHIPOTLE #5042 METAIRIE, LA

## AHU/RTU



**Diffuser Supply (GRD)**

**RTU1/KITCHEN**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD-1	OFFICE	CD-1	6"	100	1	172	140	97	97.0
SGRD-2	BACK	CD-1	10"	300	1	375	379	316	105.3
SGRD-3	BACK	CD-1	10"	350	1	451	315	370	105.7
SGRD-4	KITCHEN	CD-2	8"	250	1	246	244	263	105.2
SGRD-5	KITCHEN	CD-2	8"	250	1	194	193	258	103.2
SGRD-6	KITCHEN	CD-2	8"	250	1	199	188	260	104.0
SGRD-7	KITCHEN	CD-2	8"	250	1	223	229	253	101.2
SGRD-8	KITCHEN	CD-1	12"	500	1	586	475	502	100.4
SGRD-9	KITCHEN	CD-1	12"	500	1	711	599	540	108.0
SGRD-10	HOOD	PSP	NL	700	5.225	1228	1097	757	108.1
SGRD-11	BATHROOM	CD-3	6"	50	1	158	123	54	108.0
Total				3500		4543	3982	3670	104.86%

Completed By: Oscar Ventura on 03/04/2025

# National TAB

Project: 03-03-25 CHIPOTLE #5042 METAIRIE, LA

System/Unit: AHU/RTU



Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	0723P72864
Model Num	48FCFN14	48FCFN14C2M5A6W4F0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	36X20
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	NL	NL
Motor Rpm	NL	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	NL	7.5

Drive Data	
	Actual
Motor Sheave Size	DIRECT DRIVE

Test Data		
	Design	Actual
SF CFM	4400	4397
SF RPM	NL	1910
RA CFM	3650	3663
OA CFM	750	761
RL Voltage	208	112/113/113
RL Amperage	NL	7.7/7.6/7.6
SF Rotation	-	CCW
SF System SetPt	-	8.7 VDC
RA Damper Position	-	83%
Min OA Damper Position	-	17%
Min OA Damper Type	-	OPPOSED BLADE
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.96"
Fan Suction SP	-	-1.42"
Fan Discharge SP	-	0.61"
Total ESP	0.8	1.57"
Fan Total SP	-	2.03"

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

# National TAB

Project:03-03-25 CHIPOTLE #5042 METAIRIE, LA

## AHU/RTU



**Diffuser Supply (GRD)**

**RTU2/DINING**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD-1	DINNING ROOM	SR1	12"	600	1	825	731	625	104.2
SGRD-2	DINNING ROOM	SR1	12"	700	1	744	682	694	99.1
SGRD-3	DINNING ROOM	SR1	12"	700	1	786	674	706	100.9
SGRD-4	DINNING ROOM	SR1	12"	700	1	879	768	709	101.3
SGRD-5	DINNING ROOM	SR1	12"	700	1	835	752	665	95.0
SGRD-6	DINNING ROOM	SR2	18/6	500	0.63	704	629	504	100.8
SGRD-7	DINNING ROOM	SR2	18/6	500	0.63	524	481	494	98.8
Total				4400		5297	4717	4397	99.93%

Completed By: Oscar Ventura on 03/04/2025

# National TAB

Project: 03-03-25 CHIPOTLE #5042 METAIRIE, LA

System/Unit: FAN - Exhaust



Asset: EF1

AREA:HOOD

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR12HFA	DU180HFA
Serial Num	-	6614115
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	182/4T
Horsepower	2	2.0
Motor Rpm	NL	1170
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	6.44
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	2550	2552
Fan RPM	NL	1047
Fan Rotation	-	CCW
Motor RPM	-	1047
System SetPt	-	53.7 HZ
RL Voltage	208	112 VFD
RL Amperage	NL	4.8 VFD
Total ESP	1.20"	0.78"
Fan Inlet SP	-	-0.78"
Fan Discharge SP	-	ATM

# National TAB

Project: 03-03-25 CHIPOTLE #5042 METAIRIE, LA

## System/Unit: FAN - Exhaust



Asset: EF2

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	6614115
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

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

Test Data		
	Design	Actual
CFM	150	154
Fan RPM	NL	986
Fan Rotation	-	CCW
Motor RPM	-	986
System SetPt	-	42%
RL Voltage	208	120
RL Amperage	NL	0.7
Total ESP	0.6"	0.51"
Fan Inlet SP	-	-0.51"
Fan Discharge SP	-	ATM

# National TAB

Project: 03-03-25 CHIPOTLE #5042 METAIRIE, LA

## 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	-	6614115
Type	MAU	MAU
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	143T
Horsepower	1	1.0
Motor Rpm	NL	1740
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	2.30
Service Factor	-	1.0

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	YES
Flame Status (pass/fail)	-	YES
Inlet Air Temp SetPt	55	55
Discharge Air Temp SetPt	60	60
Air Flow Switch SP Actual	-	0.33"

Test Data		
	Design	Actual
CFM	1300	1328
SF RPM	NL	1392
Motor RPM	-	1392
SF System SetPt	-	48 HZ
RL Voltage	208	120 VFD
RL Amperage	NL	2.2 VFD
Total ESP	-	0.47"
Fan Discharge SP	-	ATM

General	
	Actual
Fan Rotation Correct	YES

# National TAB

Project: 03-03-25 CHIPOTLE #5042 METAIRIE, LA

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-ACPSP-F	5424 ND-2-ACPSP-F
Job / Serial Num	-	6614115
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	153"	153"
Hood Width	51"	54"
Supply Plenum Type	-	PSP
Supply Plenum Width	9"	9"
Supply Plenum Length	165"	165"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	16X16	16X16
Filter Qty 1	-	9
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	14.58	14.58
Filter1 FPM	-	181
Filter2 FPM	-	157
Filter3 FPM	-	175
Filter4 FPM	-	184
Filter5 FPM	-	168
Filter6 FPM	-	198
Filter7 FPM	-	190
Filter8 FPM	-	178
Filter9 FPM	-	149
Filter Ave FPM(corr)	-	175
CFM	2550	2552

Cooking Equipment	
	Actual
Item 1	RANGE
Item 2	GRIDDLE
Item 3	FRYER

Test Data Supply		
	Design	Actual
Total Area	10.31	10.31
Kv factor (Vel)	0.81	0.81
Num of Readings	-	9
Reading1 FPM	-	187
Reading2 FPM	-	183
Reading3 FPM	-	169
Reading4 FPM	-	153
Reading5 FPM	-	163
Reading6 FPM	-	171
Reading7 FPM	-	128
Reading8 FPM	-	127
Reading9 FPM	-	155
Ave FPM(corr)	-	159
CFM	1300	1328