National TAB

Project: 03-03-25 CAVA NEW ORLEANS, LA (FRERET)

System/Unit: AHU/RTU

Asset: RTU-1 AREA:KITCHEN

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Serial Num	-	242110547L
Model Num	WHC102	WHC102H3R0A2FE
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37X18
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	3	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	60	7.3

Drive Data	
	Actual
Motor Sheave Size	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	3400	3505
SF RPM	-	DIRECT DRIVE
RA CFM	3100	3187
OA CFM	300	318
RL Voltage	-	212/213/213
RL Amperage	-	7.1/7.1/7.2
SF Rotation	-	CCW
SF System SetPt	-	SPEED DIAL
RA Damper Position	-	85%
Min OA Damper Position	-	15%
Min OA Damper Type	-	OPOSSED BLADE

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.54"
Fan Suction SP	-	-0.79"
Fan Discharge SP	-	0.64"
Total ESP	1"	1.18"
Fan Total SP	-	1.43"

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

Completed By: Oscar Ventura on 03/06/2025

Unit Data - PHOTO LOG

03/04/2025

National TAB

Project:03-03-25 CAVA NEW ORLEANS, LA (FRERET)

AHU/RTU

Diffuser Supply (GRD)

RTU-1/KITCHEN

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	KITCHEN	D1	10"	350	1	133	109	359	102.6
SGRD2	KITCHEN	L1	10"	325	1	0	170	338	104.0
SGRD3	KITCHEN	L1	10"	325	1	0	146	334	102.8
SGRD4	KITCHEN	L1	10"	325	1	0	149	336	103.4
SGRD5	KITCHEN	D1	10"	295	1	383	318	309	104.7
SGRD6	KITCHEN	D1	10"	300	1	353	308	309	103.0
SGRD7	KITCHEN	D1	10"	300	1	386	325	304	101.3
SGRD8	KITCHEN	D1	8"	150	1	235	194	154	102.7
SGRD9	KITCHEN	D1	10"	300	1	383	328	312	104.0
SGRD10	HOOD	ACPSP	139X6	730	4.4	427	353	750	102.7
Total				3400		2300	2400	3505	103.09%

Completed By: Oscar Ventura on 03/05/2025

National TAB

Project: 03-03-25 CAVA NEW ORLEANS, LA (FRERET)

System/Unit: AHU/RTU

Asset: RTU-2 AREA:DINING

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Serial Num	-	242610442L
Model Num	WHC120	WHC102H3R0A2FE
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37X18
Num Final Filter 1	-	2
Final Filter Size 1	-	20X30X2
Num Final Filter 2	-	3
Final Filter Size 2	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	3	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	60	7.30

Drive Data	
	Actual
Motor Sheave Size	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	4000	4096
SF RPM	-	DIRECT DRIVE
RA CFM	3350	3457
OA CFM	650	639
RL Voltage	-	212/213/213
RL Amperage	-	7.2/7.3/7.3
SF Rotation	-	CCW
SF System SetPt	-	SPEED DIAL
RA Damper Position	-	90%
Min OA Damper Position	-	10%
Min OA Damper Type	-	OPOSSED BLADE

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.64"
Fan Suction SP	-	-0.81"
Fan Discharge SP	-	0.59"
Total ESP	1"	1.23"
Fan Total SP	-	1.40"

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

Completed By: Oscar Ventura on 03/06/2025

Unit Data - PHOTO LOG

03/04/2025

National TAB

Project:03-03-25 CAVA NEW ORLEANS, LA (FRERET)

AHU/RTU

Diffuser Supply (GRD)

RTU-2/DINING

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	DINING	R1	14"	350	0.76	213	269	341	97.4
SGRD2	DINING	R1	14"	250	0.76	231	237	244	97.6
SGRD3	DINING	R1	14"	350	0.76	304	319	354	101.1
SGRD4	DINING	R1	18"	250	0.76	209	224	259	103.6
SGRD5	DINING	R1	18"	350	0.76	211	254	367	104.9
SGRD6	DINING	R1	22"	250	0.76	216	269	254	101.6
SGRD7	DINING	R1	22"	350	0.76	224	276	364	104.0
SGRD8	DINING	R1	22"	250	0.76	243	281	262	104.8
SGRD9	DINING	R1	22"	350	0.76	216	249	367	104.9
SGRD10	DINING	R1	24"	250	0.76	103	154	256	102.4
SGRD11	DINING	R1	24"	350	0.76	129	121	365	104.3
SGRD12	DINING	R1	24"	250	0.76	153	168	256	102.4
SGRD13	DINING	D2	6"	100	1	59	64	104	104.0
SGRD14	HALLWAY	D2	6"	100	1	51	59	101	101.0
SGRD15	HALLWAY	D2	6"	100	1	52	56	99	99.0
SGRD16	RESTROOM	D2	6"	50	1	52	71	51	102.0
SGRD17	RESTROOM	D2	6"	50	1	58	63	52	104.0
Total				4000		2724	3134	4096	102.4%

Completed By: Oscar Ventura on 03/05/2025

National TAB

Project: 03-03-25 CAVA NEW ORLEANS, LA (FRERET)

System/Unit: FAN - Exhaust

Asset: EF-2 AREA:RESTROOMS

Unit Data		
	Design	**Actual**
MFG	GREENHECK	NL
Model Num	SP-A290	PC150XP
Serial Num	-	230925504
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	0.03	NL
Motor Rpm	-	NL
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	0.35
Service Factor	-	NL

Test Data		
	Design	**Actual**
CFM	125	131
Fan RPM	-	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	SINGLE SPEED
RL Voltage	-	121
RL Amperage	-	0.2
Total ESP	0.3"	0.34"
Fan Inlet SP	-	-0.34"
Fan Discharge SP	-	ATM

Completed By: Oscar Ventura on 03/05/2025

National TAB

Project: 03-03-25 CAVA NEW ORLEANS, LA (FRERET)

System/Unit: FAN - Exhaust

Asset: EF-3 AREA:RESTROOMS

Unit Data		
	Design	**Actual**
MFG	GREENHECK	NL
Model Num	SP-A290	PC150X
Serial Num	-	230926492
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	0.03	NL
Motor Rpm	-	NL
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	0.35
Service Factor	-	NL

Test Data		
	Design	**Actual**
CFM	125	128
Fan RPM	-	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	SINGLE SPEED
RL Voltage	-	121
RL Amperage	-	0.25
Total ESP	0.3"	0.34"
Fan Inlet SP	-	-0.34"
Fan Discharge SP	-	ATM

Completed By: Oscar Ventura on 03/05/2025

National TAB

Project: 03-03-25 CAVA NEW ORLEANS, LA (FRERET)

System/Unit: FAN - Exhaust

Asset: KEF-1 AREA:HOOD 1

Unit Data		
	Design	**Actual**
MFG	GREENHECK	ECON-AIR
Model Num	DU180HFA	EADU85H
Serial Num	-	7049703
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	HSSA
Frame	-	48
Horsepower	1	1.0
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	12.4
Service Factor	-	NL

Test Data		
	Design	**Actual**
CFM	2381	2373
Fan RPM	-	1530
Fan Rotation	-	CCW
Motor RPM	-	1530
System SetPt	-	85%
RL Voltage	-	122
RL Amperage	-	6.8
Total ESP	1"	1.09"
Fan Inlet SP	-	-1.09"
Fan Discharge SP	-	ATM

Completed By: Oscar Ventura on 03/06/2025

Unit Data - PHOTO LOG

03/04/2025

National TAB

Project: 03-03-25 CAVA NEW ORLEANS, LA (FRERET)

System/Unit: FAN - Supply

Asset: MUA-1 AREA:KITCHEN

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	A1-D.250-15D-MPU	A1-D.250-15D-MPU
Serial Num	-	7049703
Type	MUA	MUA
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	145T
Horsepower	2	2.0
Motor Rpm	-	1745
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	5.4
Service Factor	-	1.15

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	-	0.37"

Test Data		
	Design	**Actual**
CFM	1976	1945
SF RPM	-	1361
Motor RPM	-	1361
SF System SetPt	-	46.8 HZ
RL Voltage	-	212/212/213
RL Amperage	-	3.7/3.7/3.7
Total ESP	-	0.47"
Fan Discharge SP	-	0.47"

General	
	Actual
Fan Rotation Correct	YES

Completed By: Oscar Ventura on 03/06/2025

Unit Data - PHOTO LOG

03/04/2025

National TAB

Project: 03-03-25 CAVA NEW ORLEANS, LA (FRERET)

System/Unit: Kitchen Hood Type I

Asset: H-1 AREA:KITCHEN

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	6030 ND-2-ACPSP-F	6030 ND-2-ACPSP-F
Job / Serial Num	-	7049703
Type	CANOPY	TYPE I CANOPY
Hood length	127"	127
Hood Width	60"	60"
Supply Plenum Type	-	PSP
Supply Plenum Width	14"	14"
Supply Plenum Length	140"	139"

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	20X16"	16X20
Filter Qty 1	7	7
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	14.56	14.56
Filter1 FPM	-	147
Filter2 FPM	-	158
Filter3 FPM	-	166
Filter4 FPM	-	174
Filter5 FPM	-	174
Filter6 FPM	-	162
Filter7 FPM	-	161
Filter Ave FPM(corr)	-	163
CFM	2381	2373

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

Test Data Supply		
	Design	**Actual**
Total Area	13.611	13.51
Kv factor (Vel)	0.89	0.90
Num of Readings	-	10
Reading1 FPM	-	324
Reading2 FPM	-	240
Reading3 FPM	-	112
Reading4 FPM	-	154
Reading5 FPM	-	196
Reading6 FPM	-	133
Reading7 FPM	-	99
Reading8 FPM	-	111
Reading9 FPM	-	103
Reading10 FPM	-	131
Ave FPM(corr)	-	160
CFM	1976	1945

Completed By: Oscar Ventura on 03/05/2025

Unit Data - PHOTO LOG

03/04/2025