

Report By:

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Report: Prelim

Function: Test, Adjust, & Balance

Date: 03/02/2026

Completed By: National TAB

PROJECT

Moxies Restaurant (Fort Lauderdale, FL)

The Main at Las Olas

Fort Lauderdale, FL 33301

Client

RCC Associates

255 Jim Moran Blvd

Deerfield Beach, FL 33442

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Project: Moxies Restaurant (Fort Lauderdale, FL)

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Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: AHU/RTU



Asset: AHU 1-1

AREA:KITCHEN 110

Unit Data	
	Actual
MFG	AAON
Serial Num	
Model Num	WH-060-3-H-ACAC-C0-10-200-A
Configuration	
Num PreFilter 1	3
PreFilter Size 1	
Num Final Filter 1	
Final Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Rated Voltage	
Rated Amperage	
Service Factor	

Test Data		
	Design	Actual
SF CFM	2000	
SF RPM	1069	
RA CFM	1480	
OA CFM	580	
RL Voltage	460	
RL Amperage	2.1	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.39	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	75.00/63.00	
SA Temp (db/wb)	53.20/52.04	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

AHU/RTU



Diffuser Supply (GRD)

AHU 1-1/KITCHEN 110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-1-1	KITCHEN 110	L	12	500			-
1-1-2	KITCHEN 110	L	12	500			-
1-1-3	KITCHEN 110	M	12	500			-
1-1-4	KITCHEN 110	M	12	500			-
Total				2000	0	0	0%

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Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: AHU/RTU



Asset: AHU 1-2

AREA:KITCHEN 110

Unit Data	
	Actual
MFG	AAON
Serial Num	
Model Num	WH-060-3-H-ACAC-C0-10-200-A
Configuration	
Num PreFilter 1	3
PreFilter Size 1	
Num Final Filter 1	
Final Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Rated Voltage	
Rated Amperage	
Service Factor	

Test Data		
	Design	Actual
SF CFM	2000	
SF RPM	1069	
RA CFM	1480	
OA CFM	580	
RL Voltage	460	
RL Amperage	2.1	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.39	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	75.00/63.00	
SA Temp (db/wb)	53.20/52.04	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

AHU/RTU



Diffuser Supply (GRD)

AHU 1-2/KITCHEN 110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-2-1	KITCHEN 110	M	12	500			-
1-2-2	KITCHEN 110	M	12	500			-
1-2-3	KITCHEN 110	M	12	500			-
1-2-4	KITCHEN 110	M	12	500			-
Total				2000	0	0	0%

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Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: AHU/RTU



Asset: AHU 1-3

AREA:KITCHEN 110

Unit Data	
	Actual
MFG	AAON
Serial Num	
Model Num	WH-060-3-H-ACAC-C0-10-200-A
Configuration	
Num PreFilter 1	3
PreFilter Size 1	
Num Final Filter 1	
Final Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Rated Voltage	
Rated Amperage	
Service Factor	

Test Data		
	Design	Actual
SF CFM	2000	
SF RPM	1069	
RA CFM	1425	
OA CFM	575	
RL Voltage	460	
RL Amperage	2.1	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.39	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	75.00/63.00	
SA Temp (db/wb)	53.20/52.04	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

AHU/RTU



Diffuser Supply (GRD)

AHU 1-3/KITCHEN 110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-3-1	KITCHEN 110	K	10	390			-
1-3-2	KITCHEN 110	K	10	395			-
1-3-3	KITCHEN 110	M	12	405			-
1-3-4	KITCHEN 110	M	12	405			-
1-3-5	KITCHEN 110	M	12	405			-
Total				2000	0	0	0%

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Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: AHU/RTU



Asset: AHU 1-4

AREA:DINING 102

Unit Data	
	Actual
MFG	AAON
Serial Num	
Model Num	WH-048-3-H-ACAC-C0-10-200-A
Configuration	
Num PreFilter 1	3
PreFilter Size 1	
Num Final Filter 1	
Final Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Rated Voltage	
Rated Amperage	
Service Factor	

Test Data		
	Design	Actual
SF CFM	1600	
SF RPM	1176	
RA CFM	1140	
OA CFM	460	
RL Voltage	460	
RL Amperage	2.1	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.11	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	75.00/63.00	
SA Temp (db/wb)	53.55/52.06	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

AHU/RTU



Diffuser Supply (GRD)

AHU 1-4/DINING 102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-4-1	DINING 102	B	8	250			-
1-4-2	MEN 105	G	6	25			-
1-4-3	MEN 105	G	6	15			-
1-4-4	WOMEN 106	G	6	15			-
1-4-5	WOMEN 106	G	6	45			-
1-4-6	DINING 102	D	12	500			-
1-4-7	DINING 102	B	8	250			-
1-4-8	DINING 102	B	8	250			-
1-4-9	DINING 102	B	8	250			-
Total				1600	0	0	0%

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Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: AHU/RTU



Asset: AHU 1-5

AREA:KITCHEN 110

Unit Data	
	Actual
MFG	AAON
Serial Num	
Model Num	WH-048-3-H-ACAC-C0-10-200-A
Configuration	
Num PreFilter 1	3
PreFilter Size 1	
Num Final Filter 1	
Final Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Rated Voltage	
Rated Amperage	
Service Factor	

Test Data		
	Design	Actual
SF CFM	1655	
SF RPM	1176	
RA CFM	1195	
OA CFM	460	
RL Voltage	460	
RL Amperage	2.1	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.11	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	75.00/63.00	
SA Temp (db/wb)	53.55/52.06	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

AHU/RTU



Diffuser Supply (GRD)

AHU 1-5/KITCHEN 110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-5-1	KITCHEN 110	H	6	80			-
1-5-2	STOR. 111	H	6	25			-
1-5-3	OFFICE 112	H	6	50			-
1-5-4	KITCHEN 110	K	10	350			-
1-5-5	KITCHEN 110	K	10	350			-
1-5-6	KITCHEN 110	M	12	400			-
1-5-7	KITCHEN 110	M	12	400			-
Total				1655	0	0	0%

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Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: AHU/RTU



Asset: AHU 1-6

AREA:DINING 102

Unit Data	
	Actual
MFG	AAON
Serial Num	
Model Num	WH-036-3-H-ACAC-C0-10-200-A
Configuration	
Num PreFilter 1	2
PreFilter Size 1	
Num Final Filter 1	
Final Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Rated Voltage	
Rated Amperage	
Service Factor	

Test Data		
	Design	Actual
SF CFM	1200	
SF RPM	1111	
RA CFM	855	
OA CFM	345	
RL Voltage	460	
RL Amperage	1.2	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.66	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	75.00/63.00	
SA Temp (db/wb)	54.39/52.54	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

AHU/RTU



Diffuser Supply (GRD)

AHU 1-6/DINING 102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-6-1	DINING 102	C	10	320			-
1-6-2	DINING 102	C	10	295			-
1-6-3	DINING 102	C	10	290			-
1-6-4	DINING 102	C	10	295			-
Total				1200	0	0	0%

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Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: AHU/RTU



Asset: AHU 2-1

AREA:DINING 202

Unit Data	
	Actual
MFG	AAON
Serial Num	
Model Num	WH-060-3-H-ACAC-C0-10-200-A
Configuration	
Num PreFilter 1	3
PreFilter Size 1	
Num Final Filter 1	
Final Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Rated Voltage	
Rated Amperage	
Service Factor	

Test Data		
	Design	Actual
SF CFM	2000	
SF RPM	1069	
RA CFM	2000	
OA CFM	0	0
RL Voltage	460	
RL Amperage	2.1	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.39	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	75.00/63.00	
SA Temp (db/wb)	53.20/52.04	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

AHU/RTU



Diffuser Supply (GRD)

AHU 2-1/DINING 202

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-1-1	UNISEX 206	G	6	15			-
2-1-2	UNISEX 207	G	6	15			-
2-1-3	DINING 202	G	10	325			-
2-1-4	DINING 202	B	8	165			-
2-1-5	VEST. 203	G	6	15			-
2-1-6	BAR 201	D	12	405			-
2-1-7	DINING 202	B	8	165			-
2-1-8	BAR 201	D	12	405			-
2-1-9	DINING 202	B	8	165			-
2-1-10	DINING 202	C	10	325			-
Total				2000	0	0	0%

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Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: AHU/RTU



Asset: AHU 2-2

AREA:DINING 202

Unit Data	
	Actual
MFG	AAON
Serial Num	
Model Num	WH-060-3-H-ACAC-C0-10-200-A
Configuration	
Num PreFilter 1	3
PreFilter Size 1	
Num Final Filter 1	
Final Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Rated Voltage	
Rated Amperage	
Service Factor	

Test Data		
	Design	Actual
SF CFM	2000	
SF RPM	1069	
RA CFM	2000	
OA CFM	0	0
RL Voltage	460	
RL Amperage	2.1	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.39	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	75.00/63.00	
SA Temp (db/wb)	53.20/52.04	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

AHU/RTU



Diffuser Supply (GRD)

AHU 2-2/DINING 202

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-2-1	DINING 202	N	10	125			-
2-2-2	DINING 202	N	10	125			-
2-2-3	DINING 202	N	10	125			-
2-2-4	DINING 202	N	10	125			-
2-2-5	DINING 202	N	10	125			-
2-2-6	DINING 202	N	10	125			-
2-2-7	DINING 202	N	10	125			-
2-2-8	DINING 202	N	10	125			-
2-2-9	DINING 202	N	10	125			-
2-2-10	DINING 202	N	10	125			-
2-2-11	DINING 202	N	10	125			-
2-2-12	DINING 202	N	10	125			-
2-2-13	DINING 202	N	10	125			-
2-2-14	DINING 202	N	10	125			-
2-2-15	DINING 202	N	10	125			-
2-2-16	DINING 202	N	10	125			-
Total				2000	0	0	0%

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Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: AHU/RTU



Asset: AHU 2-3

AREA:DINING 202

Unit Data	
	Actual
MFG	AAON
Serial Num	
Model Num	WH-036-3-H-ACAC-C0-10-200-A
Configuration	
Num PreFilter 1	2
PreFilter Size 1	
Num Final Filter 1	
Final Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Rated Voltage	
Rated Amperage	
Service Factor	

Test Data		
	Design	Actual
SF CFM	1200	
SF RPM	1111	
RA CFM	1200	
OA CFM	0	0
RL Voltage	460	
RL Amperage	1.2	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.66	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	75.00/63.00	
SA Temp (db/wb)	54.39/52.54	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

AHU/RTU



Diffuser Supply (GRD)

AHU 2-3/DINING 202

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-3-1	DINING 202	N	10	150			-
2-3-2	DINING 202	N	10	150			-
2-3-3	DINING 202	N	10	150			-
2-3-4	DINING 202	N	10	150			-
2-3-5	DINING 202	N	10	150			-
2-3-6	DINING 202	N	10	150			-
2-3-7	DINING 202	N	10	150			-
2-3-8	DINING 202	N	10	150			-
Total				1200	0	0	0%

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Project: Moxies Restaurant (Fort Lauderdale, FL)



Circuit Setter

HYDRONIC COILS/

Asset											
Asset Name	Serial Num	Size	Type	Design Service	Service	Design GPM	Low Pres	High Pres	Delta P	Final GPM	% to Design
AHU 1-1		1.0"	AUTOFLOW	WSHP		15					-
AHU 1-2		1.0"	AUTOFLOW	WSHP		15					-
AHU 1-3		1.0"	AUTOFLOW	WSHP		15					-
AHU 1-4		0.75"	AUTOFLOW	WSHP		12					-
AHU 1-5		0.75"	AUTOFLOW	WSHP		12					-
AHU 1-6		0.75"	AUTOFLOW	WSHP		9					-
AHU 2-1		1.0"	AUTOFLOW	WSHP		15					-
AHU 2-2		1.0"	AUTOFLOW	WSHP		15					-
AHU 2-3		0.75"	AUTOFLOW	WSHP		9					-
Total						117				0	0%

Asset	Notes	Date	Written By
AHU 1-1	AUTOFLOW DESIGN 3-80PSID	03/25/2026	Stephen Tassinaro
AHU 1-2	AUTOFLOW DESIGN 3-80PSID	03/25/2026	Stephen Tassinaro
AHU 1-3	AUTOFLOW DESIGN 3-80PSID	03/25/2026	Stephen Tassinaro
AHU 1-4	AUTOFLOW DESIGN 3-80PSID	03/25/2026	Stephen Tassinaro
AHU 1-5	AUTOFLOW DESIGN 3-80PSID	03/25/2026	Stephen Tassinaro
AHU 1-6	AUTOFLOW DESIGN 3-80PSID	03/25/2026	Stephen Tassinaro
AHU 2-1	AUTOFLOW DESIGN 3-80PSID	03/25/2026	Stephen Tassinaro
AHU 2-2	AUTOFLOW DESIGN 3-80PSID	03/25/2026	Stephen Tassinaro
AHU 2-3	AUTOFLOW DESIGN 3-80PSID	03/25/2026	Stephen Tassinaro

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Exhaust



Asset: EF-1

AREA: MEN 105

Unit Data	
	Actual
MFG	GREENHECK
Model Num	SQ-120-VG
Serial Num	
Type	CENTRIFUGAL INLINE

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

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

Test Data		
	Design	Actual
CFM	550	
Fan RPM	1007	
RL Voltage	115	
RL Amperage	6.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.5	
Brake Horse Power	-	

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Project: Moxies Restaurant (Fort Lauderdale, FL)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-1/MEN 105

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E1-1	MEN 105	X	6	50				-
E1-2	MEN 105	X	8	150				-
E1-3	MEN 105	X	6	50				-
E1-4	WOMEN 106	X	6	50				-
E1-5	WOMEN 106	X	10	250				-
Total				550		0	0	0%

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Exhaust



Asset: EF-2

AREA:UNISEX RR

Unit Data	
	Actual
MFG	GREENHECK
Model Num	SQ-97-VG
Serial Num	
Type	CENTRIFUGAL INLINE

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

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

Test Data		
	Design	Actual
CFM	100	
Fan RPM	1271	
RL Voltage	115	
RL Amperage	3.5	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.5	
Brake Horse Power	-	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-2/UNISEX RR

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E2-1	UNISEX 207	X	6	50				-
E2-2	UNISEX 206	X	6	50				-
Total				100		0	0	0%

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Exhaust



Asset: EF-3

AREA: GARAGE

Unit Data	
	Actual
MFG	GREENHECK
Model Num	SQ-27
Serial Num	
Type	MIXED FLOW INLINE

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

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

Test Data		
	Design	Actual
CFM	18400	
Fan RPM	1160	
RL Voltage	460	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.468	
Brake Horse Power	-	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Exhaust



Asset: KEF-1

AREA:KITCHEN

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	KB25
Serial Num	
Type	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

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

Test Data		
	Design	Actual
CFM	9860	
Fan RPM	1360	
RL Voltage	460	
RL Amperage	18.5	
Suction ESP	-	
Discharge ESP	-	
Total ESP	2.500	
Brake Horse Power	-	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Exhaust



Asset: KEF-2

AREA:

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	SIF13DD-SS
Serial Num	
Type	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

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

Test Data		
	Design	Actual
CFM	1150	
Fan RPM	1298	
RL Voltage	208	
RL Amperage	6.9	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.750	
Brake Horse Power	-	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Supply



Asset: DOAS-1

AREA:AHUs

Unit Data	
	Actual
MFG	AAON
Model Num	H3
Serial Num	
Type	HORIZONTAL

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
CFM	3000	
SF RPM	1773	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	8.3	
Suction ESP	-	
Discharge ESP	-	
Total ESP	1.5	
Brake Horse Power	-	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Supply



Asset: MAU-1

AREA:

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	A4-30D-MPU
Serial Num	
Type	
Configuration	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

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	8136	
SF RPM	961	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	7.2	
Total ESP	-	
Fan Discharge SP	-	

General	
	Actual
Fan Rotation Correct	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Supply



Asset: MAU-2

AREA:

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	A4-15D-MPU
Serial Num	
Type	
Configuration	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

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	1000	
SF RPM	1279	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	208	
RL Amperage	6.9	
Total ESP	-	
Fan Discharge SP	-	

General	
	Actual
Fan Rotation Correct	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Supply



Asset: FCU-1

AREA:BAR 101

Unit Data	
	Actual
MFG	NA
Model Num	NA
Serial Num	
Type	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
CFM	1400	
SF RPM	-	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	208	
RL Amperage	3.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.27	
Brake Horse Power	-	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

FAN - Supply



Diffuser Supply (GRD)

FCU-1/BAR 101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F1-1	DINING	K	10	300			-
F1-2	BAR 101	K	10	275			-
F1-3	BAR 101	K	10	275			-
F1-4	BAR 101	K	10	275			-
F1-5	DINING	K	10	275			-
Total				1400	0	0	0%

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Supply



Asset: FCU-2

AREA:BAR 101

Unit Data	
	Actual
MFG	NA
Model Num	NA
Serial Num	
Type	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
CFM	1400	
SF RPM	-	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	208	
RL Amperage	3.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.22	
Brake Horse Power	-	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

FAN - Supply



Diffuser Supply (GRD)

FCU-2/BAR 101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F2-1	DINING	K	10	350			-
F2-2	BAR 101	K	10	350			-
F2-3	BAR 101	K	10	350			-
F2-4	BAR 101	K	10	350			-
Total				1400	0	0	0%

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Supply



Asset: FCU-3

AREA:DINING

Unit Data	
	Actual
MFG	NA
Model Num	NA
Serial Num	
Type	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
CFM	500	
SF RPM	-	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	208	
RL Amperage	2.7	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.16	
Brake Horse Power	-	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

FAN - Supply



Diffuser Supply (GRD)

FCU-3/DINING

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3-1	DINING	H	6	100			-
F3-2	BAR 101	H	6	100			-
F3-3	DINING	H	6	100			-
F3-4	BAR 101	H	6	100			-
F3-5	DINING	H	6	100			-
Total				500	0	0	0%

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: FAN - Supply



Asset: FCU-4

AREA:DINING 202

Unit Data	
	Actual
MFG	NA
Model Num	NA
Serial Num	
Type	

Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
CFM	975	
SF RPM	-	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	208	
RL Amperage	3.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.41	
Brake Horse Power	-	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

FAN - Supply



Diffuser Supply (GRD)

FCU-4/DINING 202

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F4-1	DINING 202	K	6	125			-
F4-2	DINING 202	K	6	125			-
F4-3	DINING 202	K	6	125			-
F4-4	DINING 202	K	6	125			-
F4-5	DINING 202	K	6	125			-
F4-6	DINING 202	K	6	125			-
F4-7	DINING 202	K	8	225			-
Total				975	0	0	0%

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: Kitchen Hood Type I



Asset: HD-1

AREA:KITCHEN

Unit Data	
	Actual
MFG	CAPTIVAIRE
Model Num	6624 ND-2-PSP-F
Job / Serial Num	
Type	TYPE I
Hood length	108"
Hood Width	66"
Supply Plenum Type	
Supply Plenum Width	12"
Supply Plenum Length	120"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	
Filter Size 1	20X16	
Filter Qty 1	6	
Filter AK factor size 1	2.08	
Filter Total AK Area	12.48	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter Ave FPM(corr)	-	
CFM	1350	

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total Area	10.0	
Kv factor (Vel)	0.87	
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	1202	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: Kitchen Hood Type I



Asset: HD-2

AREA:KITCHEN

Unit Data	
	Actual
MFG	CAPTIVAIRE
Model Num	6624 ND-2-PSP-F
Job / Serial Num	
Type	TYPE I
Hood length	108"
Hood Width	
Supply Plenum Type	
Supply Plenum Width	18"
Supply Plenum Length	108"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	
Filter Size 1	20X16	
Filter Qty 1	6	
Filter AK factor size 1	2.08	
Filter Total AK Area	12.48	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter Ave FPM(corr)	-	
CFM	2025	

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total Area	13.5	
Kv factor (Vel)	0.88	
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	1782	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: Kitchen Hood Type I



Asset: HD-3

AREA:KITCHEN

Unit Data	
	Actual
MFG	CAPTIVAIRE
Model Num	6624 ND-2-PSP-F
Job / Serial Num	
Type	TYPE I
Hood length	132"
Hood Width	
Supply Plenum Type	
Supply Plenum Width	18"
Supply Plenum Length	132"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	
Filter Size 1	20X16	
Filter Qty 1	8	
Filter AK factor size 1	2.08	
Filter Total AK Area	16.64	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter Ave FPM(corr)	-	
CFM	2475	

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total Area	16.5	
Kv factor (Vel)	0.88	
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	2104	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: Kitchen Hood Type I



Asset: HD-4

AREA:KITCHEN

Unit Data	
	Actual
MFG	CAPTIVAIRE
Model Num	6624 ND-2-PSP-F
Job / Serial Num	
Type	TYPE I
Hood length	175"
Hood Width	
Supply Plenum Type	
Supply Plenum Width	18"
Supply Plenum Length	175"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	
Filter Size 1	20X16	
Filter Qty 1	11	
Filter AK factor size 1	2.08	
Filter Total AK Area	22.88	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter Ave FPM(corr)	-	
CFM	4010	

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total Area	21.875	
Kv factor (Vel)	0.88	
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	3048	

National TAB

Project: Moxies Restaurant (Fort Lauderdale, FL)

System/Unit: Kitchen Hood Type II



Asset: HD-5

AREA:KITCHEN

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	4824 VHB-G-SPS-F-ND
Serial Num	
Type	TYPE II
Hood length	84"
Hood Width	48"

Test Data		
	Design	Actual
Exhaust CFM	1150	
Supply CFM	1000	

Notes:

PSP 84"x14"

8.16 Total Area

0.89 Kv

Written By: Stephen Tassinaro on 03/25/2026