

Report By:

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



Report: PRELIM

Function: Test, Adjust, & Balance

Date: 05/22/2025

Completed By: National TAB

PROJECT

**05-19-25 SWEETGREEN NEW HAVEN, CT
(TAB, IAQ)**

1 BROADWAY

NEW HAVEN, CT 95054

Client

A-1 Services Inc.

127 COLONY ST

MERIDIAN, CT 06451

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Project: 05-19-25 SWEETGREEN NEW HAVEN, CT (TAB, IAQ)

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National TAB

Project: 05-19-25 SWEETGREEN NEW HAVEN, CT (TAB, IAQ)

System/Unit: AHU/RTU



Asset: RTU1

AREA:BACK OF HOUSE

Unit Data		
	Design	Actual
MFG	COOK	COOK
Serial Num	-	
Model Num	YSJ102A3SOH	YSJ102A3SOH
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	3	
Motor Rpm	-	
Phase	3	
Rated Voltage	230	
Rated Amperage	-	

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	
Belt Alignment	

Test Data		
	Design	Actual
SF CFM	2975	
SF RPM	-	
RA CFM	2375	
OA CFM	600	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
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	0.50"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project:05-19-25 SWEETGREEN NEW HAVEN, CT (TAB, IAQ)

AHU/RTU



Diffuser Supply (GRD)

RTU1/BACK OF HOUSE

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	BOH	CDB	12"	375					-
SGRD2	BOH	CDB	12"	375					-
SGRD3	BOH	CDB	12"	375					-
SGRD4	BOH	CDB	12"	375					-
SGRD5	BOH	CDB	12"	260					-
Total				1760		0	0	0	0%

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Project: 05-19-25 SWEETGREEN NEW HAVEN, CT (TAB, IAQ)

System/Unit: AHU/RTU



Asset: RTU2

AREA:FRONT OF HOUSE

Unit Data		
	Design	Actual
MFG	COOK	COOK
Serial Num	-	
Model Num	YSJ210A3SOH	YSJ210A3SOH
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	1142	
Phase	3	
Rated Voltage	230	
Rated Amperage	-	

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	
Belt Alignment	

Test Data		
	Design	Actual
SF CFM	5500	
SF RPM	-	
RA CFM	4300	
OA CFM	1200	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
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	0.50"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

National TAB

Project:05-19-25 SWEETGREEN NEW HAVEN, CT (TAB, IAQ)

AHU/RTU



Diffuser Supply (GRD)

RTU2/FRONT OF HOUSE

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	FRONT OF HOUSE	LDA	10X8	270					-
SGRD2	FRONT OF HOUSE	LDA	10X8	270					-
SGRD3	FRONT OF HOUSE	LDA	10X8	270					-
SGRD4	FRONT OF HOUSE	LDA	10X8	270					-
SGRD5	FRONT OF HOUSE	LDA	10X8	270					-
SGRD6	FRONT OF HOUSE	LDA	10X8	270					-
SGRD7	FRONT OF HOUSE	LDA	10X8	270					-
SGRD8	FRONT OF HOUSE	LDA	10X8	270					-
SGRD9	FRONT OF HOUSE	LDA	10X8	270					-
SGRD10	FRONT OF HOUSE	LDA	10X8	270					-
SGRD11	VFRONT OF HOUSE	LDA	10X8	270					-
SGRD12	FRONT OF HOUSE	LDA	10X8	270					-
SGRD13	FRONT OF HOUSE	SGA	12X6	150					-
SGRD14	FRONT OF HOUSE	SGA	12X6	150					-
SGRD15	VFRONT OF HOUSE	SGA	12X6	150					-
SGRD16	FRONT OF HOUSE	SGA	12X6	150					-
SGRD17	FRONT OF HOUSE	SGB	12X10	350					-
SGRD18	FRONT OF HOUSE	SGB	12X10	350					-
SGRD19	FRONT OF HOUSE	SGB	12X10	350					-
SGRD20	FRONT OF HOUSE	SGB	12X10	350					-
SGRD21	FRONT OF HOUSE	EGA	10X10	100					-
SGRD22	FRONT OF HOUSE	CDA	6"	160					-
Total				5500		0	0	0	0%

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Project: 05-19-25 SWEETGREEN NEW HAVEN, CT (TAB, IAQ)

System/Unit: FAN - Exhaust



Asset: KXF-12

AREA: KITCHEN EXHAUST

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	101 ACED OR70	101 ACED OR70
Serial Num	-	
Type	DOWNBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1/2	
Motor Rpm	1842	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	415	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.50"	
Fan Inlet SP	-	
Fan Discharge SP	-	

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Project: 05-19-25 SWEETGREEN NEW HAVEN, CT (TAB, IAQ)

System/Unit: FAN - Exhaust



Asset: TXF 1

AREA:TOILET

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	101C28DOR60VF	101C28DOR60VF
Serial Num	-	
Type	DOWNBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1/3	
Motor Rpm	1842	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	200	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.50"	
Fan Inlet SP	-	
Fan Discharge SP	-	

National TAB

Project:05-19-25 SWEETGREEN NEW HAVEN, CT (TAB, IAQ)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

TXF 1/TOILET

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	RESTROOM	EGA	10X10	100					-
EGRD2	RESTROOM	EGA	10X10	100					-
Total				200		0	0	0	0%