Report By:

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

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 05/13/2025

Completed By: National TAB

PROJECT

05-12-25 CHILI'S CLEARWATER FL

25987 US Hwy 19 N

Clearwater, FL 33763

Client

Brinker

3000 Olympus Blvd

Coppell, TX 75019

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

Table Of Contents

Issue List

- Issues resolved on site
- Hood Filters Not Locked Into Hoods
- Grease Duct Dirty
- KEF-2 Pulley Seized
- KEF-3 Pulley Sized
- No Backdraft Dampers
- Non-Humiditrol RTUs
- OCC Terminal Jumpers Installed
- RTU-2 & RTU-3 Minor Rust Damage
- RTU-5 OA Damper

05-12-25 CHILI'S CLEARWATER FL

Project Issue Information

Issue Name : Issues resolved on site

Description : On 5/14/2025 the MC (MID NIGHT CONTROL SERVICES) was on site. They cleaned all evaporator and condenser coils, replaced all final filters, and checked belt tensions. They also repaired MAU-3 by installing a new motor. All NTi tests were completed after this work was completed.

Created By :	National TAB	**Assigned To :**	National TAB - Dan Hertenstein
Status :	Open		
Priority :	InfoOnly	**Asset Tag :**	
Originated Date :	05/15/2025 - Stephen Tassinaro - National TAB		

Project Issue File Details

05/16/2025

05/16/2025

05-12-25 CHILI'S CLEARWATER FL

Project Issue Information

Issue Name : Hood Filters Not Locked Into Hoods

Description : The hood filters are not locked in place in the hoods, this is causing both safety issues and functional issues. If KEF-1 or KEF-2 turns off at any point, the filters can fall out of the hoods and into the cooking equipment/cooks. From a functional standpoint the filters do not seal well and the grease/air can bypass the filters.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 05/15/2025 - Stephen Tassinaro - National TAB

Project Issue File Details

1. Open IMG_6107.mp4 05/16/2025
2. Open IMG_6107.mp4 05/16/2025

05/16/2025

05/16/2025

05/16/2025

1. Open IMG_6102_1681371935.j..

Project Issue Information

Issue Name : Grease Duct Dirty

Description : The grease ducts are dirty on Hood 1. This is not causing performance issues, but is a fire hazard.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : High

Asset Tag :

Originated Date : 05/15/2025 - Stephen Tassinaro - National TAB

Project Issue File Details

05/16/2025

05/16/2025

Project Issue Response Details

- **05/16/2025 National TAB - Stephen Tassinaro**
  - There is also grease dripping out of the fans onto the rooftop.

05/16/2025	05/16/2025	05/16/2025

05-12-25 CHILI'S CLEARWATER FL

Project Issue Information

Issue Name : KEF-2 Pulley Seized

Description : KEF-2, serving the right side of the main cookline hood, has a seized motor pulley that cannot be adjusted. It is recommended to replace the motor pulley with a 1VP34X7/8 and replace the fan pulley with a AK44X1-1/8. The existing belt size should be acceptable as there is significant tensioner adjustment available on this fan.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 05/15/2025 - Stephen Tassinaro - National TAB

Project Issue File Details

05/16/2025

05/16/2025

05-12-25 CHILI'S CLEARWATER FL

Project Issue Information

Issue Name : KEF-3 Pulley Sized

Description : EF-3, serving Hood 2, has a seized motor pulley that cannot be adjusted. Recommend changing motor pulley to a 1VP34X7/8. The existing belt should be acceptable as there is significant tensioner adjustment available on this fan.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 05/15/2025 - Stephen Tassinaro - National TAB

Project Issue File Details

05/16/2025

05-12-25 CHILI'S CLEARWATER FL

Project Issue Information

Issue Name : No Backdraft Dampers

Description : There are no backdraft dampers installed on any of the fans in the space. It is recommended to install them on any non-grease fan. In this case the dishwasher fan and restroom exhaust fan.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : Medium

Asset Tag :

Originated Date : 05/16/2025 - Stephen Tassinaro - National TAB

Project Issue File Details

05/16/2025

05/16/2025

05-12-25 CHILI'S CLEARWATER FL

Project Issue Information

Issue Name : Non-Humiditrol RTUs

Description : The currently installed RTUs do not appear to have the Humiditrol option. Humidity sensors are consequently not installed at this location.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

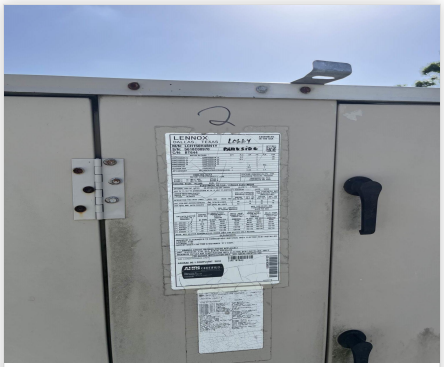
Priority : InfoOnly

Asset Tag :

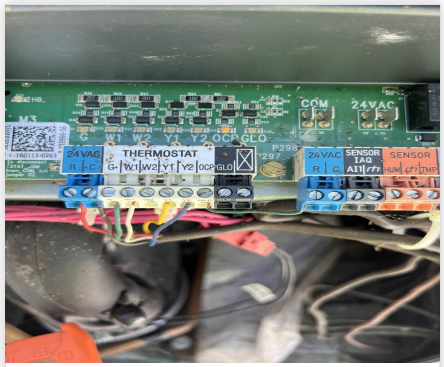
Originated Date : 06/25/2025 - Stephen Tassinaro - National TAB

Project Issue File Details

06/25/2025



06/25/2025



06/25/2025

05-12-25 CHILI'S CLEARWATER FL

Project Issue Information

Issue Name : OCC Terminal Jumpers Installed

Description : The OCC terminals in the RTUs have jumper wires installed. This prevents the units with motorized outside air dampers from closing these outside are dampers when the space is unoccupied. It is worth mentioning that many of the RTUs at this location use manual outside air dampers that are not capable of closing on their own.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

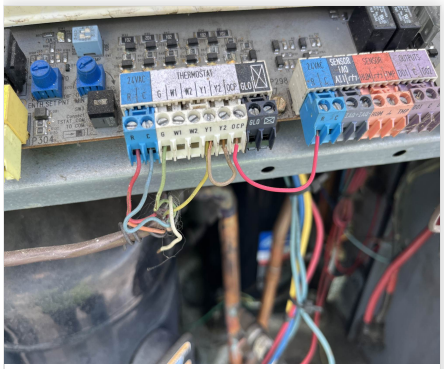
Status : Open

Priority : Urgent

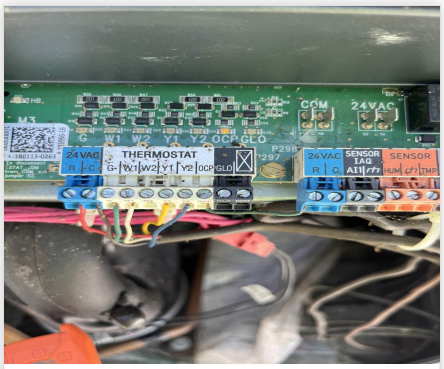
Asset Tag :

Originated Date : 06/25/2025 - Stephen Tassinaro - National TAB

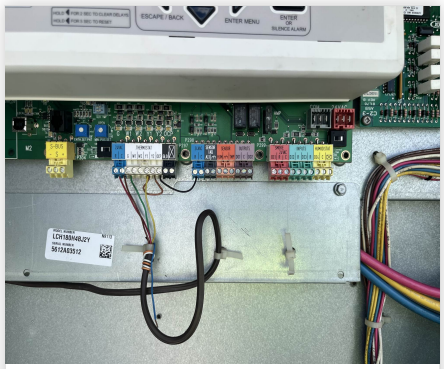
Project Issue File Details



06/25/2025



06/25/2025



06/25/2025

05-12-25 CHILI'S CLEARWATER FL

Project Issue Information

Issue Name : RTU-2 & RTU-3 Minor Rust Damage

Description : There is some minor rust damage on the outside air hoods of RTU-2 & RTU-3. It is recommended to patch these rust holes to prevent foreign materials, bugs, or other small animals from entering the unit.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : Low

Asset Tag :

Originated Date : 05/16/2025 - Stephen Tassinaro - National TAB

Project Issue File Details

05/16/2025

05/16/2025

05/16/2025

05-12-25 CHILI'S CLEARWATER FL

Project Issue Information

Issue Name : RTU-5 OA Damper

Description : The outside air damper in RTU-5 is broken and seized in its current position. Replacement recommend so that outside airflow can be increased. This will assist in pressurizing the space.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 05/15/2025 - Stephen Tassinaro - National TAB

Project Issue File Details

05/16/2025

NATIONAL TAB

AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
RTU-1	KITCHEN	6000	6000	4500	4505	1500	1495	25.0%	24.9%						
RTU-2	DINING	5000	5000	3750	3860	1250	1140	25.0%	22.8%						
RTU-3	DINING	2000	2000	1500	1477	500	523	25.0%	26.2%						
RTU-4	DINING	2000	2000	1500	1493	500	507	25.0%	25.4%						
RTU-5	DINING	5000	5000	3750	4418	1250	582	25.0%	11.6%						
MAU-1	HOOD									1302	1302				
MAU-2	HOOD									1242	1242				
MAU-3	HOOD									1034	1034				
KEF-1	HOOD 1 - LEFT											2475	2493		
KEF-2	HOOD 1 - RIGHT											2138	3452		
KEF-3	HOOD 2											1650	2738		
KEF-4	DISH											800	866		
TOTALS		20000	20000	15000	15753	5000	4247			3578	3578	7063	9549	0	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	8578	7825
TOTAL EXHAUST	7063	9549
NET AIRFLOW	1515	-1724

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	
SIDE	-0.024
REAR	
AVERAGE	**-0.024**

FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✗

MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✗

NOTES:

400 CFM / TON 25% FOR OA - SUPPLY TOTALS NOT READ OUT. THESE SERVE AS PLACEHOLDERS AND TO CALCULATE APPROPRIATE OUTSIDE AIR TARGETS.

CheckList List

- EF Evaluation
- Final Checks
- Hoods
- MUA Evaulation
- RTU Evaluation

05-12-25 CHILI'S CLEARWATER FL

CheckList Information

Name :	EF Evaluation	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	05/13/2025 - Will Turnbough - National TAB		

CheckList Item Details

Exhaust Fan

Rotation is correct?	Pass
Comment:	
Belts are tight (if applicable)?	Pass
Comment:	
Speed controller installed and functional (if applicable)?	Pass
Comment:	
There is no major leakage around base of fan?	Pass
Comment:	
Back draft damper installed for non grease fans and can it fully open?	Fail
Comment: Restroom EF and Dish EF do not have backdraft dampers	
No abnormal noise and vibration?	Pass
Comment:	

05-12-25 CHILI'S CLEARWATER FL

CheckList Information

Name :	Final Checks	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	05/13/2025 - Will Turnbough - National TAB		

CheckList Item Details

FINAL CHECKS

HOOD CAPTURE TEST

List kitchen equipment turned on for testing

Comment:

All

List smoke candle type used

Comment:

None - Monitored Cooking

Smoke test capture % - Perimeter of hood

Comment:

100%

Smoke test capture % - Top of cooking surface

Comment:

100%

WITNESS

Date test was completed 05/15/2025

Comment:

Owner representative name / Firm (if Applicable)

Comment:

N/A

Video record smoke capture

Comment:

N/A

BUILDING PRESSURE

Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)	Fail

Comment:

Design net airflow is positive, current net airflow & building pressure is negative. This is because of a broken outside air damper on RTU-5 and seized pulleys on KEF-2 & KEF-3. With these items resolved it is expected the space will swing to a positive pressure.

PROGRAM THERMOSTAT SCHEDULE

Confirm the time is correct on each thermostat	Pass

Comment:

Occupied = 7:30am	Pass

Comment:

Occupied fan = ON	Pass

Comment:

Occupied temperature = 72 cooling / 68 heating	Yes

Comment:

Unoccupied = 1am	Yes

Comment:

Unoccupied fan = Auto	Yes

Comment:

Unoccupied temperature = 77 cooling / 63 heating	Yes

Comment:

05-12-25 CHILI'S CLEARWATER FL

CheckList Information

Name :	Hoods	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	05/13/2025 - Will Turnbough - National TAB		

CheckList Item Details

HOODS

All hood filters installed and accounted for?	Fail
Comment:	
Hood 1 right - filters are not staying in place and are being pulled into the grease trap. Hood 3 there is a 3" gap in the filters.	
Hoods are wired and have power?	Pass
Comment:	
Hood is free of alarms?	N/A
Comment:	
Hoods do not have alarm function.	
Hood is free of damage?	Fail
Comment:	
Some denting on the supply air grilles, hood filters missing handles.	
Quarter or full vertical end panels are installed?	Fail
Comment:	
No end panels	
If PSP's are installed do they appear to be clean	Fail

Comment:

Dirty.

05-12-25 CHILI'S CLEARWATER FL

CheckList Information

Name :	MUA Evaulation	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	05/13/2025 - Will Turnbough - National TAB		

CheckList Item Details

MUA

Rotation is correct?	Pass
Comment:	
Gas piping is installed and valves are in on position?	N/A
Comment: Non-heated units.	
Internal motorized damper is fully opening?	N/A
Comment: No motorized or gravity dampers on any MAUs	
Motor is operating below the FLA rating?	Pass
Comment:	
Unit free of noticeable noise and vibration?	Pass
Comment:	
Blower wheel is clean	Fail
Comment: All blower wheels dirty.	

Intake air filters are clean and not damaged (if dirty, remove temporarily for testing)	Pass
Comment:	

Cooling

Does unit have cooling? If so, check the following items	N/A
Comment: Non-conditioned units.	
Evaporator coil clean and free of damage	N/A
Comment:	
Pleated filters are installed and clean	N/A
Comment:	
Condenser coil is free of damage	N/A
Comment:	
Temporarily turn cooling down and confirm it is functional	N/A
Comment:	
Cooling setpoint = 78	N/A
Comment:	

05-12-25 CHILI'S CLEARWATER FL

CheckList Information

Name :	RTU Evaluation	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	RTU
Requesting Organization :	National TAB		
Created Date :	05/13/2025 - Will Turnbough - National TAB		

CheckList Item Details

RTU Inspection

Unit is free of damage	Fail
Comment: Some rust on RTUs 3 and 4. Near Outside air intakes.	
No abnormal noise or vibration	Pass
Comment:	
Evaporator coil is clean and free of damage	Pass
Comment: Cleaned on 5/14/2025 by MID NIGHT CONTROL SERVICES.	
Filters are clean	Pass
Comment: Replaced on 5/14/2025 by MID NIGHT CONTROL SERVICES.	
Blower wheel is clean	Pass
Comment:	
Belt is tight	Pass
Comment: Belt tensions adjusted on 5/14/2025 by MID NIGHT CONTROL SERVICES.	

Outside air damper is functional	Fail

Comment:

RTU 1 - Yes / RTU 2 - Manual slider / RTU 3 - Manual slider / RTU 4 - Manual slider / RTU 5 - Motorized damper broken & seized

Condenser coil is clean and free of damage	Pass

Comment:

Cleaned on 5/14/2025 by MID NIGHT CONTROL SERVICES.

Condensate drain is installed	Pass

Comment:

Water is draining properly from the unit and is not pooling up	Pass

Comment:

Dehumidification

Does RTU have dehumidification? If so answer the questions below.	Fail

Comment:

None of the RTUs have dehumidification functions.

If yes, is the humidity sensor wired properly at the RTU?	N/A

Comment:

What RH % is the unit displaying?	N/A

Comment:

Increase the RH setpoint to force the unit into dehumidification and confirm that it goes into dehumidification mode	N/A

Comment:

Set the dehumidfication setpoint to 60%	N/A

Comment:

Cooling

Turn the thermostat down to force the unit into cooling and confirm that all compressors and condenser fans stage on	Pass

Comment:

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: AHU/RTU

Asset: RTU1 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	LENNOX
Serial Num	-	5612A03512
Model Num	NA	LCH180H4BJ2Y
Num OA Filters 1	-	3
OA Filter Size 1	-	23X13
Num Final Filter 1	-	6
Final Filter Size 1	-	24X24X2

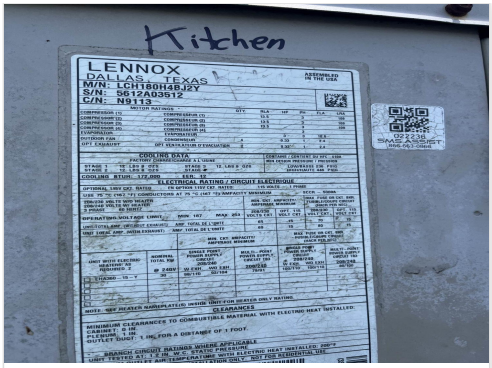
Motor Data		
	Design	**Actual**
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	-	3.0
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	200-230
Rated Amperage	-	8.0-7.8
Service Factor	-	1.15

Test Data		
	Design	**Actual**
SF RPM	-	861
OA CFM	1500	1495
RL Voltage	-	210/210/212
RL Amperage	-	9.1/9.3/9.6
SF Rotation	-	CCW
RA Damper Position	-	5.5”
OA Damper Position	-	0.5”
OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	D

Performance Data		
	Design	**Actual**
Return Duct SP	-	-0.31”
MA Plenum SP	-	-0.39”
Fan Suction SP	-	-0.68”
Fan Discharge SP	-	0.47”
Supply Duct SP	-	0.45”
Total ESP	-	0.76"
Fan Total SP	-	1.15"

Completed By: Stephen Tassinaro on 05/16/2025

Unit Data - PHOTO LOG



05/16/2025

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: AHU/RTU

Asset: RTU2 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	LENNOX
Serial Num	-	5618C00970
Model Num	NA	LCH150H4BN1Y
Num OA Filters 1	-	1
OA Filter Size 1	-	23X14
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	-	3.0
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	200-230
Rated Amperage	-	8.0-7.8
Service Factor	-	1.15

Test Data		
	Design	**Actual**
OA CFM	1250	1140
RL Voltage	-	213/213/215
RL Amperage	-	6.2/5.9/5.6
SF Rotation	-	CCW
RA Damper Position	-	FULL OPEN
RA Damper Type	-	NONE
OA Damper Position	-	5.0”
OA Damper Type	-	MANUAL
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	**Actual**
Return Duct SP	-	-0.40”
MA Plenum SP	-	-0.43”
Fan Suction SP	-	-0.82”
Fan Discharge SP	-	0.32”
Supply Duct SP	-	0.21”
Total ESP	-	0.61"
Fan Total SP	-	1.14"

Completed By: Stephen Tassinaro on 05/15/2025

Unit Data - PHOTO LOG

05/16/2025

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: AHU/RTU

Asset: RTU3 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	LENNOX
Serial Num	-	5603K00611
Model Num	NA	LCA060H2BB1Y
Num OA Filters 1	-	1
OA Filter Size 1	-	23X14
Num Final Filter 1	-	2
Final Filter Size 1	-	16X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EMERSON
Frame	-	56 HZ
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	200-230/460
Rated Amperage	-	5.0/2.5
Service Factor	-	1.15

Test Data		
	Design	**Actual**
SF RPM	-	1046
OA CFM	500	523
RL Voltage	-	212/212/214
RL Amperage	-	2.8/2.8/2.9
SF Rotation	-	CCW
RA Damper Position	-	FULL OPEN
RA Damper Type	-	NONE
OA Damper Position	-	2.0”
OA Damper Type	-	MANUAL
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	**Actual**
Return Duct SP	-	-0.16”
MA Plenum SP	-	-0.24”
Fan Suction SP	-	-0.64”
Fan Discharge SP	-	0.19”
Supply Duct SP	-	0.13”
Total ESP	-	0.29"
Fan Total SP	-	0.83"

Completed By: Stephen Tassinaro on 05/15/2025

Unit Data - PHOTO LOG

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: AHU/RTU

Asset: RTU4 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	LENNOX
Serial Num	-	5603K01336
Model Num	NA	LCA060H2BB1Y
Num OA Filters 1	-	1
OA Filter Size 1	-	23X14
Num Final Filter 1	-	2
Final Filter Size 1	-	16X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EMERSON
Frame	-	56 HZ
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	200-230/460
Rated Amperage	-	5.0/2.5
Service Factor	-	1.15

Test Data		
	Design	**Actual**
SF RPM	-	996
OA CFM	500	507
RL Voltage	-	212/209/210
RL Amperage	-	3.2/2.9/2.8
SF Rotation	-	CCW
RA Damper Position	-	FULL OPEN
RA Damper Type	-	NONE
OA Damper Position	-	2.75”
OA Damper Type	-	MANUAL
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	**Actual**
Return Duct SP	-	-0.11”
MA Plenum SP	-	-0.18”
Fan Suction SP	-	-0.48”
Fan Discharge SP	-	0.30”
Supply Duct SP	-	0.33”
Total ESP	-	0.44"
Fan Total SP	-	0.78"

Completed By: Stephen Tassinaro on 05/16/2025

Unit Data - PHOTO LOG

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: AHU/RTU

Asset: RTU5 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	LENNOX
Serial Num	-	5610D00382
Model Num	NA	LGH150S4BS1Y
Num OA Filters 1	-	1
OA Filter Size 1	-	23X14
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR RELIANCE
Frame	-	56HZ
Horsepower	-	3.0
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	200-230
Rated Amperage	-	9.6-9.0
Service Factor	-	1.15

Test Data		
	Design	**Actual**
SF RPM	-	NOT ACCESSIBLE
OA CFM	1250	582
RL Voltage	-	214/213/213
RL Amperage	-	9.2/9.5/8.8
SF Rotation	-	CCW
RA Damper Position	-	FULL OPEN
RA Damper Type	-	NONE
OA Damper Position	-	1.75” [1]
OA Damper Type	-	OBD
OA Enthalpy Setpt	-	N/A

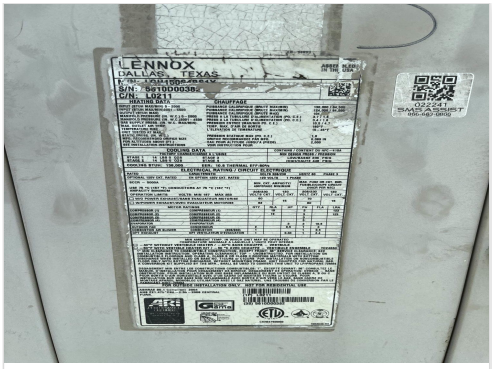
Performance Data		
	Design	**Actual**
Return Duct SP	-	-0.35”
MA Plenum SP	-	-0.42”
Fan Suction SP	-	-1.17”
Fan Discharge SP	-	0.70”
Supply Duct SP	-	0.20”
Total ESP	-	0.55"
Fan Total SP	-	1.87"

Completed By: Stephen Tassinaro on 05/15/2025

Notes:
[1] Distance between blades. Damper is not functional.

Written By: Stephen Tassinaro on 05/14/2025

Unit Data - PHOTO LOG



05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: FAN - Exhaust

Asset: EF1 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	CAPTIVE AIRE
Model Num	NA	DU180HFA
Serial Num	-	5923519
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	N/L
Frame	-	182T
Horsepower	-	1.5
Motor Rpm	-	N/L
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	6.5
Service Factor	-	N/L

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
CFM	2475	2493
Fan Rotation	-	CORRECT
Motor RPM	-	44Hz
RL Voltage	-	91V VFD
RL Amperage	-	3.6A VFD
Suction ESP	-	-0.29"
Discharge ESP	-	ATM
Total ESP	-	0.29"

Completed By: Stephen Tassinaro on 05/16/2025

Unit Data - PHOTO LOG

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: FAN - Exhaust

Asset: EF2 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	NOT LEGIBLE
Model Num	NA	N/L
Serial Num	-	N/L
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	A.O. SMITH
Frame	-	145T
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	208-230/460
Amperage (rated)	-	4.6/2.3
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	4.0"
Motor Bore Size	7/8"
Motor Sheave SetPt	1.5 TURNS OUT
Fan Sheave Size	AK51
Fan Sheave Bore	1 1/8"
Num of Belts	1
Belt Size	AX26

Test Data		
	Design	**Actual**
CFM	2138	3452
Fan RPM	-	1060
Fan Rotation	-	CORRECT
RL Voltage	-	[1]
RL Amperage	-	[1]
Suction ESP	-	[2]
Discharge ESP	-	ATM
Total ESP	-	[2]

Completed By: Stephen Tassinaro on 05/16/2025

Notes:
[1] ALL WIRING INSIDE CONDUIT. LIGHT SWITCH STYLE DISCONNECT NEEDS TO BE DISASSEMBLED FOR AMPERAGE DRAW READING. //
[2] UNABLE TO TILT FAN WHILE RUNNING. FAN HOUSING TOO FLEXIBLE AND BLADES STARTED TO RUB.

Written By: Stephen Tassinaro on 05/16/2025

Unit Data - PHOTO LOG

05/16/2025

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: FAN - Exhaust

Asset: EF3 AREA:HD-2

Unit Data		
	Design	**Actual**
MFG	NA	NOT LEGIBLE
Model Num	NA	N/L
Serial Num	-	N/L
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO WESTINGHOUSE
Frame	-	145T
Horsepower	-	1.5
Motor Rpm	-	1740
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	4.03/2.02
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	4.75”
Motor Bore Size	7/8”
Motor Sheave SetPt	MINIMIZED
Fan Sheave Size	AK51
Fan Sheave Bore	0.75”
Belt CL Distance	5 3/8”
Num of Belts	1
Belt Size	AX22

Test Data		
	Design	**Actual**
CFM	1650	2738
Fan RPM	-	1308
Fan Rotation	-	CORRECT
Motor RPM	-	1765
RL Voltage	-	[1]
RL Amperage	-	[1]
Suction ESP	-	[2]
Discharge ESP	-	ATM
Total ESP	-	[2]

Completed By: Stephen Tassinaro on 05/16/2025

Notes:
[1] ALL WIRING INSIDE CONDUIT. LIGHT SWITCH STYLE DISCONNECT NEEDS TO BE DISASSEMBLED FOR AMPERAGE DRAW READING. //
[2] UNABLE TO TILT FAN WHILE RUNNING. FAN HOUSING TOO FLEXIBLE AND BLADES STARTED TO RUB.

Written By: Stephen Tassinaro on 05/16/2025

Unit Data - PHOTO LOG

05/16/2025

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: FAN - Exhaust

Asset: EF4 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	CAPTIVE AIRE
Model Num	NA	DU30HFA
Serial Num	-	5561387
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	**Actual**
Horsepower	-	0.25
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3.0

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE / SPEED CONTROLLER

Test Data		
	Design	**Actual**
CFM	800	866
Fan RPM	-	DD
Fan Rotation	-	CORRECT
Motor RPM	-	DD
RL Voltage	-	[1]
RL Amperage	-	[1]
Suction ESP	-	-0.77"
Discharge ESP	-	ATM
Total ESP	-	0.77"

Completed By: Stephen Tassinaro on 05/16/2025

Unit Data - PHOTO LOG

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: FAN - Supply

Asset: SF1 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	N/L
Model Num	NA	N/L
Serial Num	-	N/L
Type	-	MAU
Configuration	-	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	A.O. SMITH
Frame	-	56
Horsepower	-	0.75
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115/208-230
Amperage (rated)	-	10.5/5.3
Service Factor	-	1.0

Gas Heat		
	Design	**Actual**
Heater Operates (y/n)	-	NOT HEATED

Test Data		
	Design	**Actual**
CFM	-	1302
SF RPM	-	627
RL Voltage	-	[1]
RL Amperage	-	[1]

General	
	Actual
Fan Rotation Correct	YES

Completed By: Stephen Tassinaro on 05/15/2025

Notes:
[1] ALL WIRING INSIDE CONDUIT. LIGHT SWITCH STYLE DISCONNECT NEEDS TO BE DISASSEMBLED FOR AMPERAGE DRAW READING.

Written By: Stephen Tassinaro on 05/15/2025

Unit Data - PHOTO LOG

05/16/2025

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: FAN - Supply

Asset: SF2 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	N/L
Model Num	NA	N/L
Serial Num	-	N/L
Type	-	MAU
Configuration	-	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	MARATHON
Frame	-	56
Horsepower	-	0.75
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115/208-230
Amperage (rated)	-	12.0/6.0
Service Factor	-	1.25

Gas Heat		
	Design	**Actual**
Heater Operates (y/n)	-	NOT HEATED

Test Data		
	Design	**Actual**
CFM	-	1242
SF RPM	-	689
RL Voltage	-	[1]
RL Amperage	-	[1]

General	
	Actual
Fan Rotation Correct	YES

Completed By: Stephen Tassinaro on 05/15/2025

Notes:
[1] ALL WIRING INSIDE CONDUIT. LIGHT SWITCH STYLE DISCONNECT NEEDS TO BE DISASSEMBLED FOR AMPERAGE DRAW READING.

Written By: Stephen Tassinaro on 05/15/2025

Unit Data - PHOTO LOG

05/16/2025

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: FAN - Supply

Asset: SF3 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	150KSP 150KSP-B
Serial Num	-	008S758490-00/0000701
Type	-	MAU
Configuration	-	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	CENTURY
Frame	-	56
Horsepower	-	0.75
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115/230
Amperage (rated)	-	10.4/5.2
Service Factor	-	1.25

Gas Heat		
	Design	**Actual**
Heater Operates (y/n)	-	NOT HEATED

Test Data		
	Design	**Actual**
CFM	-	1034
SF RPM	-	474
RL Voltage	-	124
RL Amperage	-	9.5 [2]

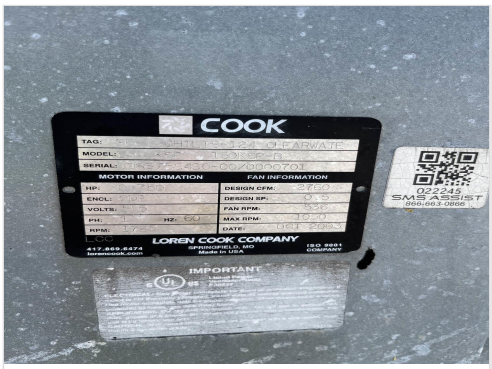
General	
	Actual
Fan Rotation Correct	YES

Completed By: Stephen Tassinaro on 05/15/2025

Notes:
[1] ALL WIRING INSIDE CONDUIT. LIGHT SWITCH STYLE DISCONNECT NEEDS TO BE DISASSEMBLED FOR AMPERAGE DRAW READING. //
[2] READING TAKEN BY INSTALLING MC.
[3] NEW MOTOR INSTALLED 5/14/2025 WHILE NTi WAS ON SITE.

Written By: Stephen Tassinaro on 05/15/2025

Unit Data - PHOTO LOG



05/16/2025

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: Kitchen Hood Type I

Asset: HD2 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	N/L
Model Num	NA	N/L
Job / Serial Num	-	N/L
Type	-	TYPE I CANOPY
Hood length	-	132"
Hood Width	-	50"
Supply Plenum Type	-	SHORT CYCLE
Supply Plenum Width	-	9"
Supply Plenum Length	-	132"

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	BAFFLE
Filter Size 1	-	20X16
Filter Size 2	-	25X16
Filter Qty 1	-	5
Filter Qty 2	-	1
Filter AK factor size 1	-	2.66
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	15.38
Filter1 FPM	-	174
Filter2 FPM	-	174
Filter3 FPM	-	189
Filter4 FPM	-	189
Filter5 FPM	-	172
Filter6 FPM	-	170
Filter Ave FPM(corr)	-	178
CFM	-	2738

Cooking Equipment	
	Actual
Item 1	OVEN

Test Data Supply		
	Design	**Actual**
CFM	-	1302

Completed By: Stephen Tassinaro on 05/15/2025

Unit Data - PHOTO LOG

05/16/2025

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: Kitchen Hood Type I

Asset: HD3 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	N/L
Model Num	NA	N/L
Job / Serial Num	-	N/L
Type	-	TYPE I CANOPY
Hood length	-	48"
Hood Width	-	45"

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	BAFFLE
Filter Size 1	-	20X16
Filter Size 2	-	25X16
Filter Qty 1	-	1
Filter Qty 2	-	1
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	2.66
Filter Total AK Area	-	4.74
Filter1 FPM	-	0
Filter2 FPM	-	0
Filter Ave FPM(corr)	-	0
CFM	-	0

Cooking Equipment	
	Actual
Item 1	COOLER

Completed By: Stephen Tassinaro on 05/15/2025

Notes:
ABANDONED

Written By: Stephen Tassinaro on 05/15/2025

Unit Data - PHOTO LOG

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: Kitchen Hood Type I

Asset: LEFT HD1 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	N/L
Model Num	NA	N/L
Job / Serial Num	-	N/L
Type	-	TYPE I CANOPY
Hood length	-	132"
Hood Width	-	50"
Supply Plenum Type	-	SHORT CYCLE
Supply Plenum Width	-	9"
Supply Plenum Length	-	132"

Test Data Supply		
	Design	**Actual**
CFM	-	1242

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	BAFFLE
Filter Size 1	-	[1]
Filter Qty 1	-	6
Filter AK factor size 1	-	[1]
Filter Total AK Area	-	12.72
Filter1 FPM	-	183
Filter2 FPM	-	177
Filter3 FPM	-	260
Filter4 FPM	-	209
Filter5 FPM	-	182
Filter6 FPM	-	162
Filter Ave FPM(corr)	-	196
CFM	-	2493

Cooking Equipment	
	Actual
Item 1	FRYERS

Completed By: Stephen Tassinaro on 05/15/2025

Notes:
[1] Filters: 2 - 25x16, 2 - 20x16, 2 - 16x16 = 12.72 AK Area // MAU read on roof.

Written By: Stephen Tassinaro on 05/14/2025

Unit Data - PHOTO LOG

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: Kitchen Hood Type I

Asset: RIGHT HD1 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	N/L
Model Num	NA	N/L
Job / Serial Num	-	N/L
Type	-	TYPE I CANOPY
Hood length	-	114"
Hood Width	-	50”
Supply Plenum Type	-	SUPPLY GRILLES
Supply Plenum Width	-	9"
Supply Plenum Length	-	114"

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	BAFFLE
Filter Size 1	-	16X16
Filter Size 2	-	20X16
Filter Qty 1	-	3
Filter Qty 2	-	3
Filter AK factor size 1	-	1.62
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	11.1
Filter1 FPM	-	204
Filter2 FPM	-	256
Filter3 FPM	-	698
Filter4 FPM	-	307
Filter5 FPM	-	210
Filter6 FPM	-	188
Filter Ave FPM(corr)	-	311
CFM	-	3452

Cooking Equipment	
	Actual
Item 1	GRILL

Test Data Supply		
	Design	**Actual**
CFM	-	1034

Completed By: Stephen Tassinaro on 05/15/2025

Notes:
MAU read from rooftop. / Hood filters not staying in place.

Written By: Stephen Tassinaro on 05/15/2025

Unit Data - PHOTO LOG

05/16/2025

National TAB

Project: 05-12-25 CHILI'S CLEARWATER FL

System/Unit: Kitchen Hood Type II

Asset: HD(Type2)1 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	NA
Model Num	NA	NA
Type	-	DISH HOOD / EXHAUST

Test Data		
	Design	**Actual**
Exhaust CFM	800	866

Completed By: Stephen Tassinaro on 05/15/2025

Unit Data - PHOTO LOG

05/16/2025