

Report By:

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



Report: TAB

Function: Test, Adjust, & Balance

Date: 02/12/2026

Completed By: National TAB

PROJECT

02-09-26 Little Ceasars #35620007 - Palm Springs, CA

1717 E Vista Chino

Palm Springs, CA 92262

Client

Budderfly

National TAB

Project: 02-09-26 Little Ceasars #35620007 - Palm Springs, CA

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Project Summary

The summary below provides a quick understanding of our scope of work. Enclosed in the report is further details about your building performance including recommendations, asset data, and pictures.

Upon arrival to the store first thing that was done was to talk to the manager about HVAC related issues. After talking to them and a preliminary inspection of the space was performed. We determined that the stores main issues were that there is a lack of outside air, causing a $-0.041''$ building pressure caused by the MUA not being operational. Initial inspection of the equipment showed that the MUA is not operational. We also determined that the ERV unit is not currently operational and will need to be serviced and how power inspected.

Things that will need to be addressed to increase the health of this store are as follows

Have MAU serviced or replaced to increase OA into the store.

Have ERV made operational.

Issue List

- EF-1 MOTOR SHEAVE SEIZED UNABLE TO ADJUST AIRFLOW
- ERV IS NOT POWERED
- MAU NOT OPERATIONAL.



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Project Issue Information

Issue Name : EF-1 MOTOR SHEAVE SEIZED UNABLE TO ADJUST AIRFLOW
Description : EF-1s motor sheave is seized and cannot be adjusted. Unit is at 4360 CFM out of a recommend 2700CFM.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 02/09/2026 - Zack Eismin - National TAB



02-09-26 Little Ceasars #35620007 - Palm Springs, CA

Project Issue Information

Issue Name : ERV IS NOT POWERED

Description : ERV is not powered and cannot be tested. Recommend to have unit serviced.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

Priority : Urgent

Asset Tag :

Originated Date : 02/09/2026 - Zack Eismin - National TAB



02-09-26 Little Ceasars #35620007 - Palm Springs, CA

Project Issue Information

Issue Name : MAU NOT OPERATIONAL.
Description : MAU is not operational. Recommend to have unit serviced or replaced.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 02/09/2026 - Zack Eismin - National TAB

Project Issue File Details



02/09/2026

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
ERV-1	KITCHEN			1500	0	1500	0								
MUA-1	KITCHEN HD									2160	0				
KEF-1	KITCHEN HD											2700	4360		
TOTALS		0	0	1500	0	1500	0			2160	0	2700	4360		

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3660	0
TOTAL EXHAUST	2700	4360
NET AIRFLOW	960	-4360

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H ₂ O)
FRONT	-0.041
SIDE	
REAR	
AVERAGE	-0.041

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:

CheckList List

- 01: GENERAL INSPECTION
- 02: EF INSPECTION
- 03: MAU INSPECTION
- 04: HOOD INSPECTION
- 05: FINAL TESTS



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CheckList Information

Name : 01: GENERAL INSPECTION **Status :** Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 12/03/2025 - Tyce Fox - National TAB
Completed Date : 02/12/2026 - Zack Eismin - National TAB

CheckList Item Details

General Inspection

Interview manager to find out what HVAC and KVS related issues they have and any recurring complaints (temperature, humidity, smoke capture, building pressure, drafting, etc).

Comment:

Are all diffusers free of damage and rust? Pass

Comment:

Does ductwork above ceiling appear connected above and has not come loose? Pass

Comment:

Does all duct insulation above the ceiling appear to be intact? Pass

Comment:



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CheckList Information

Name : 02: EF INSPECTION **Status :** Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 12/03/2025 - Tyce Fox - National TAB
Completed Date : 02/09/2026 - Zack Eismin - National TAB

CheckList Item Details

EF's

Rotation is correct? Pass

Comment:

Belts are tight? Pass

Comment:

Hinge kit installed installed on hood fan? Pass

Comment:

Lean any hood fans back. Is grease duct installation adequate and is duct ran all the way to the base of the fan? Pass

Comment:

Flex conduit is long enough so that fan can be completely tilted back? Pass

Comment:

There is no major leakage around base of fans? Pass

Comment:

List any visual damage to the fan

Fail

Comment:

MOTOR SHEAVE SEIZED

For restroom fan(s) is the back draft damper installed if specified and can it fully open?

Comment:

No unusual noise or vibration?

Pass

Comment:

For direct drive fans, mark the final setting on the speed controller with permanent marker

N/A

Comment:



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CheckList Information

Name : 03: MAU INSPECTION **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 12/03/2025 - Tyce Fox - National TAB

Completed Date : 02/09/2026 - Zack Eismin - National TAB

CheckList Item Details

MUA

No unusual noise or vibration? N/A

Comment:
NOT OPERATIONAL

List any visual damage Pass

Comment:
EXTENSIVE RUST BUILD UP AND FAN PULLY NOT CONNECTED



02/09/2026

Unit compartments are clean? Fail

Comment:

Intake air filter is clean?

Fail

Comment:

Is the belt tight? (if applicable)

Fail

Comment:

If there is a heater is it functional?

N/A

Comment:

Is gas valve turned on? (If off, don't turn on without approval)

N/A

Comment:

If there is cooling, is it functional?

N/A

Comment:



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CheckList Information

Name : 04: HOOD INSPECTION **Status :** Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 12/03/2025 - Tyce Fox - National TAB
Completed Date : 02/09/2026 - Zack Eismin - National TAB

CheckList Item Details

Hood Inspection

Is the hood free of any damage? Pass

Comment:

Are there any end panels installed on either side of the hood? N/A

Comment:

Are all hood filters installed and free of damage? Pass

Comment:

Do hood filters appear to be clean? Pass

Comment:

Is all kitchen equipment pushed underneath the hood with at least 6" of overhang on all sides? Pass

Comment:

Is the MUA discharge plenum clean and not clogged? (if applicable) N/A

Comment:

Perform a smoke test or observe heavy cooking and note the % capture:

Comment:

100%



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CheckList Information

Name : 05: FINAL TESTS **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 12/03/2025 - Tyce Fox - National TAB

Completed Date : 02/12/2026 - Zack Eismin - National TAB

CheckList Item Details

FINAL CHECKS

Is space free of drafting?

Comment:

Is space comfortable in all areas?

Pass

Comment:

Is the space free of ventilation noise?

Comment:

HOOD CAPTURE TEST

List kitchen equipment turned on for testing

Comment:

OVEN

List smoke candle type used

Comment:

45 SECONDS

Smoke test capture % - Perimeter of hood

Comment:

100%

Smoke test capture % - Top of cooking surface

Comment:

100%

WITNESS

Date test was completed

02/09/2026

Comment:

TAB tech name / Firm

Comment:

Zack / NATIONAL TAB

Owner representative name / Firm (if Applicable)

Comment:

N/A

BUILDING PRESSURE

Building pressure at all doors:

Comment:

-0.041"

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

Pass

Comment:

National TAB

Project: 02-09-26 Little Ceasars #35620007 - Palm Springs, CA



System/Unit: Energy Recovery Unit

Asset: ERU1

AREA:

Supply Unit Data	
	Actual
Manufacturer	VENTACITY
Model Number	VS1000RTE
Serial Number	ZOE2302730

Supply Motor Data		
	Design	Actual
Motor MFG	-	EBMPAPST
Frame	-	NL
Horsepower	-	0.67
Motor Rpm	-	NL
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	2.2
Service Factor	-	NL

Supply Test Data		
	Design	Actual
Total CFM	-	0
Fan RPM	-	0
RL Voltage	-	0
RL Amperage	-	0

Supply Performance Data		
	Design	Actual
Suction S.P.	-	0
Discharge S.P.	-	0
Total S.P.	-	0
Cooling Coil P.D.	-	0
Heating Coil P.D.	-	0

Exhaust Motor Data		
	Design	Actual
Motor MFG	-	EBMPAPST
Frame	-	NL
Motor Rpm	-	NL
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	2.2
Service Factor	-	NL

Exhaust Test Data		
	Design	Actual
Total CFM	-	0
Fan RPM	-	0
RL Voltage	-	0
RL Amperage	-	0
Motor B.H.P.	-	0

Exhaust Performance Data		
	Design	Actual
Suction S.P.	-	0
Discharge S.P.	-	0
Total S.P.	-	0
Cooling Coil P.D.	-	0
Heating Coil P.D.	-	0

Completed By: Zack Eismin on 02/09/2026

Notes:
UNIT IS NOT POWERED

Written By: Zack Eismin on 02/09/2026

Supply Unit Data - PHOTO LOG



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System/Unit: FAN - Exhaust

Asset: EF1

AREA:

Unit Data	
	Actual
MFG	ACCUREX
Model Num	XRUB-200-15-G
Serial Num	120136611003

Motor Data	
	Actual
Horsepower	1.5
Motor Rpm	1725
Phase	1
Voltage (rated)	115
Amperage (rated)	13.4

Test Data	
	Actual
CFM	4360
Fan RPM	971
Motor RPM	1764
System SetPt	1 TURN OPEN
RL Voltage	112
RL Amperage	9.13

Completed By: Zack Eismin on 02/09/2026

Notes:

MOTOR SHEAVE SEIZED UNABLE TO SLOW UNIT DOWN TO 2700CFM

Written By: Zack Eismin on 02/09/2026

Unit Data - PHOTO LOG



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Project: 02-09-26 Little Ceasars #35620007 - Palm Springs, CA



System/Unit: FAN - Supply

Asset: MUA1

AREA:

Unit Data	
	Actual
MFG	BRISA
Model Num	BH4000
Serial Num	2-999-532

Motor Data	
	Actual
Motor MFG	NL
Horsepower	3/4
Motor Rpm	1725
Phase	1
Voltage (rated)	115
Amperage (rated)	10.8

Test Data	
	Actual
CFM	0
SF RPM	0
Motor RPM	0
SF System SetPt	0
RL Voltage	0
RL Amperage	0

Completed By: Zack Eismin on 02/09/2026

Notes:

UNIT NOT OPERATIONAL

Written By: Zack Eismin on 02/09/2026

Unit Data - PHOTO LOG



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Project: 02-09-26 Little Ceasars #35620007 - Palm Springs, CA



System/Unit: Kitchen Hood Type I

Asset: HD1

AREA:

Unit Data	
	Actual
MFG	ACCUREX
Model Num	NL
Job / Serial Num	NL
Hood length	144"
Hood Width	64"
Hood Height	24"
Supply Plenum Type	N/A
Supply Plenum Width	N/A
Supply Plenum Length	N/A

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLED
Filter Size 1	-	20X20
Filter Size 2	-	20X16
Filter Qty 1	-	8
Filter Qty 2	-	8
Filter AK factor size 1	-	3.0
Filters AK factor size 2	-	2.0
Filter Total AK Area	-	40
Filter1 FPM	-	76
Filter2 FPM	-	80
Filter3 FPM	-	122
Filter4 FPM	-	106
Filter5 FPM	-	145
Filter6 FPM	-	155
Filter7 FPM	-	146
Filter8 FPM	-	136
Filter9 FPM	-	108
Filter10 FPM	-	79
Filter11 FPM	-	99
Filter12 FPM	-	62
CFM	-	4360

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

Test Data Supply	
	Actual
AK factor	N/A
Kv factor (Vel)	
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	

Completed By: Zack Eismin on 02/09/2026

Notes:
FPM AVERAGE 109

Written By: Zack Eismin on 01/29/2026

Unit Data - PHOTO LOG



01/29/2026