

Report By:

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



Report: TAB Report
Function: Test, Adjust, & Balance
Date: 01/21/2026
Completed By: National TAB

PROJECT
01-19-26 SEPHORA #672 GLENDALE, CA

230 AMERICANA WAY

GLENDALE, CA 91210

Client

Brinco Mechanical Management Services, Inc.
125 South Main St
Freeport, NY 11520

National TAB

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Project: 01-19-26 SEPHORA #672 GLENDALE, CA
Function: Test, Adjust, & Balance

Project Summary

Project Summary

The summary below provides a quick understanding of our scope of work and general testing procedures. Enclosed in the report is further detail about your building performance including recommendations, asset data, and pictures. Our focus is to work with the trades to remedy any issues or deficiencies during the actual field balancing and not after the balancing has occurred to achieve a positive environment and outcome. The level of success is determined by the availability of the trades, possible parts needed, or time constraints.

RTU's (Roof Top Units)

Each of the RTU's were measured at their terminal devices or via traverse to establish a total flow for that unit. Each RTU was adjusted to within tolerance of the engineer's design flow. Outside air was measured by reading the intake air opening with a velocity grid and multiplying by the free area. The outside air damper was adjusted until the airflow was within the design requirements. Any equipment that fell outside of that tolerance is noted throughout the report.

Issue List

- RTU-1 FAN COIL DIRTY
- RTU'S ECONOMIZER NOT FUNCTIONAL



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Project Issue Information

Issue Name : RTU-1 FAN COIL DIRTY
Description : RTU-1 fan coil appears to be dirty. Static pressure drop -0.82" from mixed air compartment to fan blower. Recommend cleaning fan coils and replacing final filters.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 01/27/2026 - David Nicolas Sanchez - National TAB

Project Issue File Details



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Project Issue Information

Issue Name : RTU'S ECONOMIZER NOT FUNCTIONAL
Description : RTU Economizers are not functional. Economizers have been assembled but not operational. OA dampers have been manually adjusted to design airflow. Recommend getting Economizers operational.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 01/26/2026 - David Nicolas Sanchez - National TAB

Project Issue File Details



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CheckList List

- RTU CHECKLISTS



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CheckList Information

Name : RTU CHECKLISTS **Status :** Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 09/04/2025 - Trinity Dodds - National TAB
Completed Date : 01/26/2026 - David Nicolas Sanchez - National TAB

CheckList Item Details

RTU's/AHU's

Economizers are assembled and functional?

Comment:

Economizers assemble but not functional.

Motors are all operating below the FLA rating?

Comment:

Yes

Are belts tight?

Comment:

N/A

If direct drive unit is the speed controller working.

Comment:

Yes

Is gas piping installed and valves turned on?

Comment:

Yes

Unit free of noticeable noise and vibration

Comment:

Yes

Units are labeled and installed on proper curb

Comment:

Yes

Unit ductwork properly installed / sealed on curb

Comment:

Yes

Pulleys are properly aligned

Comment:

N/A

Condensate lines and P-Traps installed correctly

Comment:

Yes

Disconnect Switch Installed

Comment:

Yes

Outside air dampers/Economizers installed and functioning

Comment:

No

Additional Comments or recommendations:

Comment:

None

Documentation

If issues, have NTAB team and Brinco Management been notified ?

Comment:

Yes

If any issues, have Facilibuild issues been created explaining in detail?

Comment:

Yes

Pictures

All Issues

Comment:

Yes

Each Piece of equipment

Comment:

Yes

Front of store

Comment:



Roof Top Layout

Comment:



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National TAB

Project: 01-19-26 SEPHORA #672 GLENDALE, CA

System/Unit: AHU/RTU



Asset: RTU1

AREA:

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	3124P79674
Model Num	48FCFN12A3A6-0A4C0	50FCQM12A3A6A0A4A0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	15 5/8X24 5/8
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	460	460
Rated Amperage	-	5.6

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

Test Data		
	Design	Actual
SF CFM	4000	4246
SF RPM	-	1973
RA CFM	3400	3608
OA CFM	600	638
RL Voltage	-	483
RL Amperage	-	3.08
SF Rotation	-	CCW
SF System SetPt	-	B
RA Damper Position	-	85%
Min OA Damper Position	-	15%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	NA

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.84"
Fan Suction SP	-	-1.66"
Fan Discharge SP	-	0.54"
Total ESP	1.00"	1.38"
Fan Total SP	-	2.2"

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	NO
Condensate Drain Installed	YES

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Unit Data - PHOTO LOG



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Project: 01-19-26 SEPHORA #672 GLENDALE, CA

System/Unit: AHU/RTU



Asset: RTU2

AREA:

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	3124P79673
Model Num	48FCFN12A3A6-0A4C0	50FCQM12A3A6A0A4A0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	15 5/8X24 5/8
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	460	460
Rated Amperage	-	5.6

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

Test Data		
	Design	Actual
SF CFM	4000	4262
SF RPM	-	1966
RA CFM	3400	3608
OA CFM	600	654
RL Voltage	-	486
RL Amperage	-	3.09
SF Rotation	-	CCW
SF System SetPt	-	B
RA Damper Position	-	85%
Min OA Damper Position	-	15%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	NA

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.67"
Fan Suction SP	-	-1.45"
Fan Discharge SP	-	0.47"
Total ESP	1.0"	1.14"
Fan Total SP	-	1.92"

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

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Unit Data - PHOTO LOG



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