

Report By:

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



Report: TAB Report
Function: Test, Adjust, & Balance
Date: 03/25/2026
Completed By: National TAB

PROJECT
03-16-26 NIKE #72 - VACAVILLE, CA

262 Nut Tree Rd

Vacaville, CA 95687

Client

Comfort Systems USA Strategic Accounts
2655 Fortune Circle West, Suite E

Indianapolis, IN 46241

National TAB

Project: 03-16-26 NIKE #72 - VACAVILLE, CA

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Project: 03-16-26 NIKE #72 - VACAVILLE, 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 IS DOWN ON 310 CIRA FAULT



03-16-26 NIKE #72 - VACAVILLE, CA

Project Issue Information

Issue Name : RTU-1 IS DOWN ON 310 CIRA FAULT
Description : RTU-1 is down on 310 cira fault, recommended to have unit serviced
Created By : National TAB **Assigned To :** National TAB - Brianna Biggs
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 03/25/2026 - Zack Eismin - National TAB

CheckList List

- RTU CHECKLIST



03-16-26 NIKE #72 - VACAVILLE, CA

CheckList Information

Name : RTU CHECKLIST **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 01/21/2026 - Trinity Dodds - National TAB

Completed Date : 03/25/2026 - Zack Eismin - National TAB

CheckList Item Details

RTU's/AHU's

Economizers are assembled and functional?

Comment:

YES

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:

N/A

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:

YES

Additional Comments or recommendations:

Comment:

N/A

National TAB

Project: 03-16-26 NIKE #72 - VACAVILLE, CA

System/Unit: AHU/RTU



Asset: HP-1

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2825C09927
Model Num	50GEQM06A2M5-3W4F0	50GEQM06A2M5A3W4F0
Type	HP	HP
Num OA Filters 1	-	1
OA Filter Size 1	-	28X15
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1.4
Motor Rpm	-	2390
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	9.2
Service Factor	-	NL

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

Test Data		
	Design	Actual
SF CFM	2000	0
SF RPM	-	0
MOTOR RPM	-	0
RA CFM	1700	0
OA CFM	300	0
RL Voltage	-	0
RL Amperage	-	208/208/208
SF System SetPt	-	2340
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED

Performance Data		
	Design	Actual
MA Plenum SP	-	0
Fan Suction SP	-	0
Fan Discharge SP	-	0
Total ESP	1.00"	0
Fan Total SP	-	0

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

Completed By: Zack Eismin on 03/18/2026

Notes:
UNIT DOWN ON 310 CIRA FAULT

Written By: Zack Eismin on 03/16/2026

Unit Data - PHOTO LOG



03/16/2026

National TAB

Project: 03-16-26 NIKE #72 - VACAVILLE, CA

System/Unit: AHU/RTU



Asset: HP-2

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2825C09932
Model Num	50GEQM06A2M5-3W4F0	50GEQM06A2M5A3W4F0
Type	HP	HP
Num OA Filters 1	-	1
OA Filter Size 1	-	28X15
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1.4
Motor Rpm	-	2390
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	9.2
Service Factor	-	NL

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

Test Data		
	Design	Actual
SF CFM	2000	1947
SF RPM	-	2340
MOTOR RPM	-	2340
RA CFM	1700	1662
OA CFM	300	285
RL Voltage	-	208/208/208
RL Amperage	-	9.08/9.08/9.08
SF System SetPt	-	95%
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.79"
Fan Suction SP	-	-1.01"
Fan Discharge SP	-	0.82"
Total ESP	1.00"	1.61"
Fan Total SP	-	1.83"

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

Completed By: Zack Eismin on 03/16/2026

Unit Data - PHOTO LOG



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Project: 03-16-26 NIKE #72 - VACAVILLE, CA

System/Unit: AHU/RTU



Asset: HP-3

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2825C09926
Model Num	50GEQM06A2M5-3W4F0	50GEQM06A2M5A3W4F0
Type	HP	HP
Num OA Filters 1	-	1
OA Filter Size 1	-	28X15
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1.4
Motor Rpm	-	2390
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	9.2
Service Factor	-	NL

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

Test Data		
	Design	Actual
SF CFM	2000	1971
SF RPM	-	2340
MOTOR RPM	-	2340
RA CFM	1700	1660
OA CFM	300	311
RL Voltage	-	208/208/208
RL Amperage	-	9.1/9.1/9.11
SF System SetPt	-	2340
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.81"
Fan Suction SP	-	-1.07"
Fan Discharge SP	-	0.90"
Total ESP	1.00"	1.71"
Fan Total SP	-	1.97"

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

Completed By: Zack Eismin on 03/18/2026

Unit Data - PHOTO LOG



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Project: 03-16-26 NIKE #72 - VACAVILLE, CA

System/Unit: AHU/RTU



Asset: HP-4

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2825C09924
Model Num	50GEQM06A2M5-3W4F0	50GEQM06A2M5A3W4F0
Type	HP	HP
Num OA Filters 1	-	1
OA Filter Size 1	-	28X15
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1.4
Motor Rpm	-	2390
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	9.2
Service Factor	-	NL

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

Test Data		
	Design	Actual
SF CFM	2000	1983
SF RPM	-	2340
MOTOR RPM	-	2340
RA CFM	1700	1686
OA CFM	300	297
RL Voltage	-	208/208/208
RL Amperage	-	9.07/9.07/9.1
SF System SetPt	-	2340
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.77"
Fan Suction SP	-	-1.02"
Fan Discharge SP	-	0.87"
Total ESP	1.00"	1.64"
Fan Total SP	-	1.89"

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

Completed By: Zack Eismin on 03/18/2026

Unit Data - PHOTO LOG



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Project: 03-16-26 NIKE #72 - VACAVILLE, CA

System/Unit: AHU/RTU



Asset: HP-5

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2825C09930
Model Num	50GEQM06A2M5-3W4F0	50GEQM06A2M5A3W4F0
Type	HP	HP
Num OA Filters 1	-	1
OA Filter Size 1	-	28X15
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1.4
Motor Rpm	-	2390
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	9.2
Service Factor	-	NL

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

Test Data		
	Design	Actual
SF CFM	2000	1974
SF RPM	-	2340
MOTOR RPM	-	2340
RA CFM	1700	1693
OA CFM	300	281
RL Voltage	-	208/208/208
RL Amperage	-	9.09/9.09/9.1
SF System SetPt	-	2340
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.80"
Fan Suction SP	-	-1.03"
Fan Discharge SP	-	0.83"
Total ESP	1.00"	1.63"
Fan Total SP	-	1.86"

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

Completed By: Zack Eismin on 03/18/2026

Unit Data - PHOTO LOG



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Project: 03-16-26 NIKE #72 - VACAVILLE, CA

System/Unit: AHU/RTU



Asset: HP-6

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2825C09928
Model Num	50GEQM06A2M5-3W4F0	50GEQM06A2M5A3W4F0
Type	HP	HP
Num OA Filters 1	-	1
OA Filter Size 1	-	28X15
Num OA Filters 2	-	
OA Filter Size 2	-	
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1.4
Motor Rpm	-	2390
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	9.2
Service Factor	-	NL

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

Test Data		
	Design	Actual
SF CFM	2000	1979
SF RPM	-	2340
MOTOR RPM	-	2340
RA CFM	1700	1672
OA CFM	300	307
RL Voltage	-	208/208/208
RL Amperage	-	9.08/9.08/9.08
SF System SetPt	-	2340
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.77"
Fan Suction SP	-	-1.01"
Fan Discharge SP	-	0.83"
Total ESP	1.00"	1.60"
Fan Total SP	-	1.84"

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

Completed By: Zack Eismin on 03/18/2026

Unit Data - PHOTO LOG



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Project: 03-16-26 NIKE #72 - VACAVILLE, CA

System/Unit: AHU/RTU



Asset: HP-7

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2825C09929
Model Num	50GEQM06A2M5-3W4F0	50GEQM06A2M5A3W4F0
Type	HP	HP
Num OA Filters 1	-	1
OA Filter Size 1	-	28X15
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1.4
Motor Rpm	-	2390
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	9.2
Service Factor	-	NL

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

Test Data		
	Design	Actual
SF CFM	2000	1991
SF RPM	-	2340
MOTOR RPM	-	2340
RA CFM	1700	1688
OA CFM	300	303
RL Voltage	-	208/208/208
RL Amperage	-	9.07/9.08/9.07
SF System SetPt	-	2340
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.77"
Fan Suction SP	-	-1.02"
Fan Discharge SP	-	0.81"
Total ESP	1.00"	1.58"
Fan Total SP	-	1.83"

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

Completed By: Zack Eismin on 03/18/2026

Unit Data - PHOTO LOG



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Project: 03-16-26 NIKE #72 - VACAVILLE, CA

System/Unit: AHU/RTU



Asset: HP-8

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2825C09925
Model Num	50GEQM06A2M5-3W4F0	50GEQM06A2M5A3W4F0
Type	HP	HP
Num OA Filters 1	-	1
OA Filter Size 1	-	28X15
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1.4
Motor Rpm	-	2390
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	9.2
Service Factor	-	NL

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

Test Data		
	Design	Actual
SF CFM	2000	1988
SF RPM	-	2340
MOTOR RPM	-	2340
RA CFM	1700	1685
OA CFM	300	303
RL Voltage	-	208/208/208
RL Amperage	-	9.1/9.1/9.1
SF System SetPt	-	2340
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.75"
Fan Suction SP	-	-1.05"
Fan Discharge SP	-	0.83"
Total ESP	1.00"	1.58"
Fan Total SP	-	1.88"

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

Completed By: Zack Eismin on 03/18/2026

Unit Data - PHOTO LOG



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National TAB

Project: 03-16-26 NIKE #72 - VACAVILLE, CA

System/Unit: AHU/RTU



Asset: HP-9

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	2825C09931
Model Num	50GEQM06A2M5-3W4F0	50GEQM06A2M5A3W4F0
Type	HP	HP
Num OA Filters 1	-	1
OA Filter Size 1	-	28X15
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1.4
Motor Rpm	-	2390
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	9.2
Service Factor	-	NL

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

Test Data		
	Design	Actual
SF CFM	2000	1966
SF RPM	-	2340
MOTOR RPM	-	2340
RA CFM	1700	1649
OA CFM	300	307
RL Voltage	-	208/208/208
RL Amperage	-	9.02/9.02/9.02
SF System SetPt	-	2340
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.75"
Fan Suction SP	-	-1.07"
Fan Discharge SP	-	0.87"
Total ESP	1.00"	1.62"
Fan Total SP	-	1.94"

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

Completed By: Zack Eismin on 03/18/2026

Unit Data - PHOTO LOG



03/16/2026