

# Wesley John

Project: 02-02-26 POTTERY BARN #941 SAN ANTONIO, TX

## System/Unit: AHU/RTU

Asset: RTU-1

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	1624P22553
Model Num	48FCEM28A2A5-0A0A0	48FCEM28A5A0A0A0
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	4
OA Filter Size 1	-	16x25X1
Num Final Filter 1	-	9
Final Filter Size 1	-	16x25x2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	7.5 (2)

Test Data		
	Design	Actual
SF CFM	10000	10157
SF RPM	-	1702
RA CFM	8500	8579
OA CFM	1500	1578
RL Voltage	-	211/212/212
RL Amperage	-	12.3/12.5/12.3
SF Rotation	-	CCW
SF System SetPt	-	6.2 VDC
RA Damper Position	-	4"
Min OA Damper Position	-	1/4"
Min OA Damper Type	-	OPPOSED BLADE
OA Enthalpy Setpt	-	[1]

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.65"
Fan Suction SP	-	-1.19"
Fan Discharge SP	-	0.58"
Total ESP	0.50"	1.23"
Fan Total SP	-	1.77"

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

Completed By: Wesley John on 02/07/2026

Notes:

[1] ECONOMIZER CONTROLLER NOT SET UP. SEE ISSUES LIST.

Written By: Wesley John on 02/07/2026

## Unit Data - PHOTO LOG



02/07/2026

# Wesley John

Project: 02-02-26 POTTERY BARN #941 SAN ANTONIO, TX

## System/Unit: AHU/RTU

Asset: RTU-2

AREA:ROOFTOP

Unit Data		
	Design	Actual
<b>MFG</b>	CARRIER	CARRIER
<b>Serial Num</b>	-	4023P29086
<b>Model Num</b>	48FCEM28A2A5-0A0A0	48FCEM28A2A0A0A0
<b>Type</b>	RTU	RTU
<b>Configuration</b>	VERTICAL DISCHARGE	VERTICAL DISCHARGE
<b>Num OA Filters 1</b>	-	4
<b>OA Filter Size 1</b>	-	16x25x1
<b>Num Final Filter 1</b>	-	9
<b>Final Filter Size 1</b>	-	16x25x1

Motor Data		
	Design	Actual
<b>Motor MFG</b>	-	NL
<b>Frame</b>	-	NL
<b>Horsepower</b>	-	NL
<b>Motor Rpm</b>	-	NL
<b>Phase</b>	3	3
<b>Rated Voltage</b>	208	208
<b>Rated Amperage</b>	-	7.5 (2)

Test Data		
	Design	Actual
<b>SF CFM</b>	10000	10397
<b>SF RPM</b>	-	1703
<b>RA CFM</b>	8500	8939
<b>OA CFM</b>	1500	1458
<b>RL Voltage</b>	-	211/211/210
<b>RL Amperage</b>	-	12.5/12.4/12.1
<b>SF Rotation</b>	-	CCW
<b>SF System SetPt</b>	-	6.2 VDC
<b>RA Damper Position</b>	-	4"
<b>Min OA Damper Position</b>	-	1/4"
<b>Min OA Damper Type</b>	-	OPPOSED BLADE
<b>OA Enthalpy Setpt</b>	-	[1]

Performance Data		
	Design	Actual
<b>MA Plenum SP</b>	-	-0.58"
<b>Fan Suction SP</b>	-	-1.10"
<b>Fan Discharge SP</b>	-	0.73"
<b>Total ESP</b>	0.50"	1.31"
<b>Fan Total SP</b>	-	1.83"

General	
	Actual
<b>Fan Rotation Correct</b>	YES
<b>Unit Filters Clean</b>	YES
<b>Condensate Drain Installed</b>	YES

Completed By: Wesley John on 02/07/2026

Notes:

[1] OUTSIDE AIR DAMPER CONTROLLER NOT INSTALLED. SEE ISSUES LIST.

Written By: Wesley John on 02/07/2026

## Unit Data - PHOTO LOG



02/07/2026

# Wesley John

Project: 02-02-26 POTTERY BARN #941 SAN ANTONIO, TX

## System/Unit: AHU/RTU

Asset: RTU-3

AREA:ROOFTOP

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	3924P37762
Model Num	50FC-M08A2A5-0A0A0	50FC-M08A2A5A0A0A0
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	20x36x1
Num Final Filter 1	-	4
Final Filter Size 1	-	16x20x2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	6.4

Test Data		
	Design	Actual
SF CFM	3000	[1]
SF RPM	-	[1]
RA CFM	2550	[1]
OA CFM	450	[1]
RL Voltage	-	211/211/211
RL Amperage	-	[1]
SF Rotation	-	CCW
SF System SetPt	-	[1]
RA Damper Position	-	[1]
Min OA Damper Position	-	[1]
Min OA Damper Type	-	OPPOSED BLADE
OA Enthalpy Setpt	-	[1]

Performance Data		
	Design	Actual
MA Plenum SP	-	[1]
Fan Suction SP	-	[1]
Fan Discharge SP	-	[1]
Total ESP	0.40"	[1]
Fan Total SP	-	[1]

General	
	Actual
Fan Rotation Correct	[1]
Unit Filters Clean	YES
Condensate Drain Installed	YES

Completed By: Wesley John on 02/07/2026

Notes:  
[1] UNIT IS INOPERABLE. SEE ISSUES LIST.

Written By: Wesley John on 02/07/2026

## Unit Data - PHOTO LOG



02/07/2026

## **Issue List**

- RTU-1 Outside Air Damper Controller
- RTU-1 Outside Air Damper/Actuator
- RTU-2 Outside Air Damper Controller
- RTU-3 Board

**Project Issue Information**

**Issue Name :** RTU-1 Outside Air Damper Controller  
**Description :** The Siemens outside air damper controller is sitting loosely in the electrical compartment and is not powered. Recommend powering unit and installing as designated by Carrier. Outside air damper position should then be set through the controller by lining up marks on damper gears left by TAB tech.

**Created By :** Wesley John                      **Assigned To :** Wesley John - Wesley John  
**Status :** Open  
**Priority :** Urgent                                      **Asset Tag :**  
**Originated Date :** 02/07/2026 - Wesley John - Wesley John

Project Issue File Details

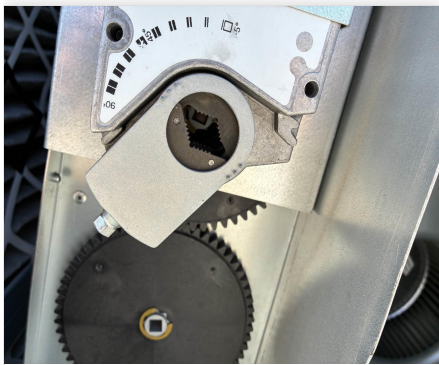


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**Project Issue Information**

**Issue Name :** RTU-1 Outside Air Damper/Actuator  
**Description :** RTU-1 outside air damper is not mechanically linked with actuator. Recommend replacing shaft to connect damper and actuator.  
**Created By :** Wesley John                      **Assigned To :** Wesley John - Wesley John  
**Status :** Open  
**Priority :** Urgent                                      **Asset Tag :**  
**Originated Date :** 02/07/2026 - Wesley John - Wesley John

Project Issue File Details

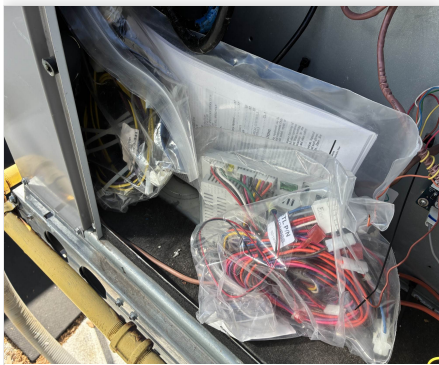


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**Project Issue Information**

**Issue Name :** RTU-2 Outside Air Damper Controller  
**Description :** RTU-2 outside air damper controller is not installed. Recommend installing and setting damper through the controller to match marks made by TAB tech on damper gears.  
**Created By :** Wesley John                      **Assigned To :** Wesley John - Wesley John  
**Status :** Open  
**Priority :** Urgent                                      **Asset Tag :**  
**Originated Date :** 02/07/2026 - Wesley John - Wesley John

Project Issue File Details



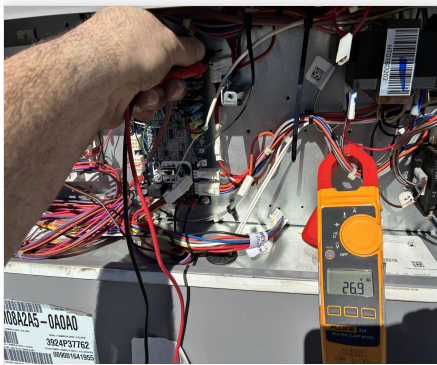
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**02-02-26 POTTERY BARN #941 SAN ANTONIO, TX**

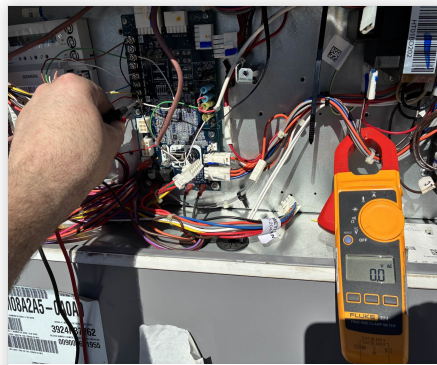
**Project Issue Information**

**Issue Name :** RTU-3 Board  
**Description :** RTU-3 board is bad. Measured 27 V at harness that powers board, and 0 V at R terminal. Cannot test unit until corrected.  
**Created By :** Wesley John                      **Assigned To :** Wesley John - Wesley John  
**Status :** Open  
**Priority :** Urgent                                      **Asset Tag :**  
**Originated Date :** 02/07/2026 - Wesley John - Wesley John

Project Issue File Details



02/07/2026



02/07/2026