

**Report By:**

National TAB  
105 Stone Village Drive  
Fort Mill, SC 29708



**Report: temp**

**Function: Test, Adjust, & Balance**

**Date: 01/21/2026**

**Completed By: National TAB**

# **PROJECT**

## **Palisades Episc School Classrooms (Charlotte, NC)**

13120 Grand Palisades Pkwy

Charlotte, NC 28278

### **Client**

Action Mechanical Inc.

PO Box 7325

CHARLOTTE, NC 28241

# National TAB

Project: Palisades Episc School Classrooms (Charlotte, NC)

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# National TAB

Project: Palisades Episc School Classrooms (Charlotte, NC)

## System/Unit: Split Sys Furnace

Asset: AH-2

AREA:121,125

Unit Data	
	Actual
MFG	TRANE
Model Num	TWE09041BAA07B1
Serial Num	24221805BA
Configuration	HORIZONTAL

Motor Data	
	Actual
Motor MFG	MARATHON
Frame	56H
Horsepower	1.5
Motor Rpm	1725
Phase	1
Voltage	208
Amperage	7.50

Test Data		
	Design	Actual
SF CFM	3000	2984
Motor Speed SetPt	-	60 Hz
RL Voltage	208	208
RL Amperage	7.5	6.4
RA CFM	2650	2621
OA CFM	350	363

Performance Data		
	Design	Actual
Suction ESP	-	-0.51"
Discharge ESP	-	0.11"
Total ESP	0.40	0.62"
RA Temp (db/wb)	-	71 F
SA Temp (db/wb)	-	126.5 F

Completed By: Antonio Flores-De La Cruz on 06/25/2025



# National TAB

Project: Palisades Episc School Classrooms (Charlotte, NC)

## System/Unit: Split Sys Furnace

Asset: CF-1

AREA:

Unit Data	
	Actual
MFG	TRANE
Model Num	S9X1D120U5PSBAB
Serial Num	24234MY7KG
Configuration	HORIZONTAL

Motor Data	
	Actual
Motor MFG	NA
Frame	NA
Horsepower	1
Motor Rpm	NA
Phase	1
Voltage	115
Amperage	14.1

Test Data		
	Design	Actual
SF CFM	2030	1905
Motor Speed SetPt	-	SPEED TAP 9
RL Voltage	115	120
RL Amperage	14.1	6.7
RA CFM	1890	1759
OA CFM	140	146

Performance Data		
	Design	Actual
Suction ESP	-	-0.18"
Discharge ESP	-	0.15"
Total ESP	0.50	0.33"
RA Temp (db/wb)	-	74 F
SA Temp (db/wb)	-	124 F

Completed By: Antonio Flores-De La Cruz on 06/25/2025