

Report By:

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



Report: PRELIM TAB REPORT
Function: Test, Adjust, & Balance
Date: 12/05/2025
Completed By: National TAB

PROJECT
AT&T (Cold Spring, KY)

1201 Magnolia Lane

Cold Spring, KY 41076

Client

Mechanical Optimizers
2145 Patterson Street
Cincinnati, OH 45214

National TAB

Project: AT&T (Cold Spring, KY)

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Project: AT&T (Cold Spring, KY)

System/Unit: AHU/RTU



Asset: RTU-1

AREA:RETAIL

Unit Data	
	Actual
MFG	LENNOX
Serial Num	5625J021225
Model Num	LGT060H5EQ1Y
Configuration	VERTICAL
Num OA Filters 1	1
OA Filter Size 1	31"x17"
Num PreFilter 1	4
PreFilter Size 1	20"X20"X2"

Test Data		
	Design	Actual
SF CFM	2000	2073
RA CFM	1640	1694
OA CFM	360	379
RL Voltage	208	213
RL Amperage	-	2.1
SF System SetPt	-	62%
OA Damper Position	-	29%
Brake Horse Power	0.96	0.28

Motor Data		
	Design	Actual
Horsepower	1.0	1.0
Phase	3	1
Rated Voltage	208	208
Rated Amperage	-	7.4

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.28"
Fan Discharge SP	-	0.37"
Total ESP	0.92	0.55"
Fan Total SP	-	0.65"
Pre-Filter P.D.	-	0.10"
Cooling Coil P.D.	-	*COMBINED

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Project:AT&T (Cold Spring, KY)

AHU/RTU



Diffuser Supply (GRD)

RTU-1/RETAIL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-1	101 SALES	S1	10	400	335	389	97.3
1-2	103 INVENTORY/IT	S3	6	100	125	104	104.0
1-3	104 TOILET	S3	6	50	114	47	94.0
1-4	102 BOH	S2	8	150	277	158	105.3
1-5	101 SALES	S1	10	400	441	435	108.8
1-6	101 SALES	S1	10	400	424	403	100.8
1-7	101 SALES	S1	12	500	542	537	107.4
Total				2000	2258	2073	103.65%

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Project: AT&T (Cold Spring, KY)

System/Unit: FAN - Exhaust



Asset: EF-1

AREA:104 TOILET

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SP-A125-QD
Serial Num	-	27689578
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	100	104

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Motor Rpm	1100	1100
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	0.18

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