

Report By:

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



Report: Nathan Denney
Function: Test, Adjust, & Balance
Date: 12/04/2025
Completed By: National TAB

PROJECT
Consumer Cellular (Cincinnati, OH)

8466 Beechmont Ave.

Cincinnati, OH 45255

Client

Champion Commercial HVAC
2638 Tem Mile Rd.
Melbourne, KY 41059

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Project: Consumer Cellular (Cincinnati, OH)

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Project: Consumer Cellular (Cincinnati, OH)

System/Unit: AHU/RTU



Asset: (E)RTU1

AREA:ROOF

Unit Data	
	Actual
MFG	LENNOX
Serial Num	5615K02755
Model Num	KGA092S4BS3Y
Configuration	VERTICLE
Num OA Filters 1	1
OA Filter Size 1	11"x12"
Num PreFilter 1	4
PreFilter Size 1	25"X20"X2"

Motor Data	
	Actual
Motor MFG	INTERLINK
Frame	56HZ
Horsepower	2
Motor Rpm	1755
Phase	3
Rated Voltage	200-230V
Rated Amperage	5.6-5.8
Service Factor	1.15

Test Data		
	Design	Actual
SF CFM	3000	2857
SF RPM	-	1504
RA CFM	2400	2204
OA CFM	600	653
RL Voltage	208	207/207/208 V
RL Amperage	-	4.8/4.7/4.8 A
SF System SetPt	-	0 Turns Open
OA Damper Position	-	40%
Brake Horse Power	-	1.71

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.8083
Fan Discharge SP	-	0.4139
Fan Total SP	-	1.2222
Pre-Filter P.D.	-	-0.2493

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Notes:

- Motor pulley diameter = 2"
- Fan pulley diameter = 6"
- Center to center distance =21.5"
- Belt =AX54

No Filter on OA damper

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AHU/RTU



Diffuser Supply (GRD)

(E)RTU1/ROOF

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	LOBBY	A	10	250	248	244	97.6
SGRD2	LOBBY	A	10	250	308	226	90.4
SGRD3	LOBBY	A	10	250	319	235	94.0
SGRD4	STORAGE	A	6	75	118	70	93.3
SGRD5	RESTROOM	B	6	50	86	54	108.0
SGRD6	HALLWAY	A	8	175	219	165	94.3
SGRD7	STORAGE	A	10	250	351	235	94.0
SGRD8	STORAGE	A	10	250	338	243	97.2
SGRD9	LOBBY	A	10	250	322	245	98.0
SGRD10	LOBBY	A	10	250	349	249	99.6
SGRD11	LOBBY	A	10	250	341	244	97.6
SGRD12	LOBBY	A	10	350	281	322	92.0
SGRD13	LOBBY	A	10	350	303	325	92.9
Total				3000	3583	2857	95.23%

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Project: Consumer Cellular (Cincinnati, OH)

System/Unit: FAN - Exhaust



Asset: EF1

AREA:

Unit Data	
	Actual
MFG	GREENHECK
Model Num	SP-B150-QD
Serial Num	190590173-0026
Type	CEILING

Test Data		
	Design	Actual
CFM	110	130
RL Voltage	-	117V
RL Amperage	-	1.6A

Motor Data		
	Design	Actual
Motor MFG	-	Greenheck
Motor Rpm	-	1050
Phase	-	1
Voltage (rated)	-	115V
Amperage (rated)	-	1.8A

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Notes:

No damper and no adjustment available

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