

**Report By:**

National TAB  
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**Report: Bodybar (Centerville, OH) TAB Report**

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

**Date: 08/25/2025**

**Completed By: National TAB**

# PROJECT

## Bodybar (Centerville, OH)

5268 Cornerstone North Blvd

Centerville, OH 45440

### Client

Champion Commercial HVAC

2638 Tem Mile Rd.

Melbourne, KY 41059

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Project: Bodybar (Centerville, OH)

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# National TAB

Project: Bodybar (Centerville, OH)

System/Unit: AHU/RTU



Asset: RTU-1

AREA:STUDIO

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Serial Num	-	5225C01101
Model Num	NA	LGX060S5E
Configuration	-	VERTICAL
Num PreFilter 1	-	4
PreFilter Size 1	-	16X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	1.0
Motor Rpm	-	NL
Phase	-	1
Rated Voltage	-	240
Rated Amperage	-	6.13

Test Data		
	Design	Actual
SF CFM	2000	2055
RA CFM	1600	1639
OA CFM	400	416
RL Voltage	-	210
RL Amperage	-	6.10
SF System SetPt	-	69%
OA Damper Position	-	33%

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.57"
Fan Discharge SP	-	0.68"
Total ESP	0.50	0.96"
Fan Total SP	-	1.25"

Notes:

MA SP -0.28"

Written By: Nick Payne on 08/25/2025

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Project:Bodybar (Centerville, OH)

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU-1/STUDIO

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-1	STUDIO	C	10x6	200	182	186	93.0
1-2	STUDIO	C	10x6	200	167	182	91.0
1-3	STUDIO	C	10x6	200	199	200	100.0
1-4	STUDIO	C	10x6	200	52	198	99.0
1-5	STUDIO	C	10x6	200	187	184	92.0
1-6	STUDIO	C	10x6	200	201	202	101.0
1-7	STUDIO	C	10x6	200	205	191	95.5
1-8	STUDIO	C	10x6	200	184	188	94.0
1-9	STUDIO	C	10x6	200	178	184	92.0
1-10	STUDIO	C	10x6	200	204	183	91.5
Total				2000	1759	1898	94.9%

### Diffuser Ret/Exh (GRD)

#### RTU-1/STUDIO

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R1-1	STUDIO	D	28x12	2000				-
Total				2000		0	0	0%

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Project: Bodybar (Centerville, OH)

System/Unit: AHU/RTU



Asset: RTU-2

AREA:STUDIO

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Serial Num	-	5225C01101
Model Num	NA	LGX036S5E
Configuration	-	VERTICAL
Num PreFilter 1	-	4
PreFilter Size 1	-	16X20X2"

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	1.0
Motor Rpm	-	NL
Phase	-	1
Rated Voltage	-	240
Rated Amperage	-	6.13

Test Data		
	Design	Actual
SF CFM	1200	1238
RA CFM	980	1004
OA CFM	220	234
RL Voltage	-	209
RL Amperage	-	4.8
SF System SetPt	-	59%
OA Damper Position	-	23%

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.44"
Fan Discharge SP	-	0.36"
Total ESP	0.50	0.61"
Fan Total SP	-	0.8"

Notes:

MA SP -0.24"

Written By: Nick Payne on 08/25/2025

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Project: Bodybar (Centerville, OH)

## AHU/RTU



**Diffuser Supply (GRD)**

**RTU-2/STUDIO**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-1	RESTROOM	A	6	50	42	47	94.0
2-2	RESTROOM	A	10	50	55	51	102.0
2-3		A	8	100	117	101	101.0
2-4	UTILITY	E	10x10	50	52	52	104.0
2-5	LOBBY	C	8x8	190	201	201	105.8
2-6	LOBBY	C	16x12	190	189	189	99.5
2-7	LOBBY	C	16x12	190	187	187	98.4
2-8	LOBBY	C	12x10	190	202	202	106.3
2-9	LOBBY	C	12x10	190	208	208	109.5
Total				1200	1253	1238	103.17%

**Diffuser Ret/Exh (GRD)**

**RTU-2/STUDIO**

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R2-1	LOBBY	D	22x22	1200				-
Total				1200		0	0	0%

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Project: Bodybar (Centerville, OH)

## System/Unit: FAN - Exhaust



Asset: EF-1

AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	NA	BROAN
Model Num	NA	L100E
Serial Num	-	NL
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	80	73
RL Voltage	-	NA
RL Amperage	-	NA
Discharge ESP	-	ATM

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	-	NL
Voltage (rated)	-	NL
Amperage (rated)	-	NL
Service Factor	-	NL

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Project: Bodybar (Centerville, OH)

## System/Unit: FAN - Exhaust



Asset: EF-2

AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	NA	BROAN
Model Num	NA	L100E
Serial Num	-	NL
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	80	72
RL Voltage	-	NA
RL Amperage	-	NA
Discharge ESP	-	ATM

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	-	NL
Voltage (rated)	-	NL
Amperage (rated)	-	NL
Service Factor	-	NL

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Project: Bodybar (Centerville, OH)

## System/Unit: FAN - Exhaust



Asset: EF-3

AREA:UTILITY

Unit Data		
	Design	Actual
MFG	NA	BROAN
Model Num	NA	L100E
Serial Num	-	NL
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	80	79
RL Voltage	-	NA
RL Amperage	-	NA
Discharge ESP	-	ATM

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	-	NL
Voltage (rated)	-	NL
Amperage (rated)	-	NL
Service Factor	-	NL

Completed By: Aaron Cosby on 08/11/2025