

Report By:

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

NATIONAL

TAB

Comfort. Under control.

Report: TAB REPORT
Function: Test, Adjust, & Balance
Date: 8/31/2022

PROJECT

08-29 ARBY'S #5451 - OKMULGEE, OK

129 S WOOD DR

OKMULGEE, OK 74447

Client

Flynn Restaurant Group
6200 Oak Tree Boulevard
Suite 250
Independence, OH 44131

National TAB

Project: 08-29 ARBY'S #5451 - OKMULGEE, OK

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National TAB

Project: 08-29 ARBY'S #5451 - OKMULGEE, OK

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Serial Num	-	5617J06711
Model Num	NA	LGH120H4BH3Y
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	2
OA Filter Size 1	-	14.25x23
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	-	3.0
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	200-208
Rated Amperage	-	8.0

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP50
Motor Bore Size	-	3/4"
Motor Sheave SetPt	-	3 TURNS OPEN
Fan Sheave Size	-	6.5"
Fan Sheave Bore	-	1"
Belt CL Distance	-	24"
Num of Belts	-	1
Belt Size	-	BX61

Test Data		
	Design	Actual
SF CFM	4000	3731
SF RPM	-	1064
RA CFM	-	2957
OA CFM	750	774
RL Voltage	-	207/208/208
RL Amperage	-	7.9/8.0/7.8
SF Rotation	-	CW, CORRECT
OA Damper Position	-	36%
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.70"
Fan Suction SP	-	-1.05"
Fan Discharge SP	-	0.80"
Total ESP	-	1.50"
Fan Total SP	-	1.85"

Completed By: Michael McDonnell

Notes:

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Project: 08-29 ARBY'S #5451 - OKMULGEE, OK

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Serial Num	-	5621K02070
Model Num	NA	KGB092S4BS2Y
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	2
OA Filter Size 1	-	14.25X23
Num Final Filter 1	-	4
Final Filter Size 1	-	25X20X2

Motor Data		
	Design	Actual
Motor MFG	-	U.S. MOTORS
Frame	-	NL
Horsepower	-	2.0
Motor Rpm	-	1755
Phase	-	3
Rated Voltage	-	200-230
Rated Amperage	-	6.0

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP44
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	6"
Fan Sheave Bore	-	1"
Belt CL Distance	-	21"
Num of Belts	-	1
Belt Size	-	AX54

Test Data		
	Design	Actual
SF CFM	2670	2892
SF RPM	-	831
RA CFM	-	2373
OA CFM	500	519
RL Voltage	-	206/206/207
RL Amperage	-	4.5/4.6/4.5
SF Rotation	-	CW, CORRECT
OA Damper Position	-	POSITION MARKED (SEE PHOTO)
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.30"
Fan Suction SP	-	-0.53"
Fan Discharge SP	-	0.70"
Total ESP	-	1.00"
Fan Total SP	-	1.23"

Completed By: Michael McDonnell

Notes: