

Report By:

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



Report: RTU TAB REPORT
Function: Test, Adjust, & Balance
Date: 02/13/2024

PROJECT
02-12-24 MARIACHI RESTAURANT -
PARKVILLE, MO

15325 OLD TOWN RD

PARKVILLE, MO 64152

Client

MINKO Contractors

153 MAIN ST #273

GRANDVIEW, MO 64030

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System/Unit: AHU/RTU



Asset: AHU1

AREA:

Unit Data		
	Design	Actual
MFG	NA	YORK
Serial Num	-	N2B2053510
Model Num	NA	ZF180N40B2A1BAA1A1
Num Final Filter 1	-	1 BIRD SCREEN
Final Filter Size 1	-	16X19
Num Final Filter 2	-	5 PLEATED
Final Filter Size 2	-	18X24X2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	-	5
Phase	-	3
Rated Voltage	-	208-230/460
Rated Amperage	-	13.5-13

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP65
Motor Bore Size	-	1-1/8"
Fan Sheave Size	-	BK110
Fan Sheave Bore	-	1"
Belt CL Distance	-	26.5"
Num of Belts	-	1
Belt Size	-	BX75

Test Data		
	Design	Actual
SF CFM	6000	5230
RA CFM	-	3955
OA CFM	-	1275
RL Voltage	-	209/211/211
RL Amperage	-	7.4/8.1/8.4
RA Damper Position	-	NONE
OA Damper Position	-	10.5" SHEET METAL PLACED ON BIRD SCREEN

Notes:

BP: -0.0121"

Motor Sheave: 6 TURNS OUT

Supply found by adding together return and OA. A 10.5"X19" piece of sheet metal is being placed over the OA intake to reduce OA from 2191CFM to 1275CFM

Written By: Jacob Davidson on 02/14/2024

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AHU/RTU



Diffuser Supply (GRD)

AHU1/

Asset											
Asset Name	Location	Type	Size	DESIGN CFM	AK	VEL(1)	CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design
AHU1-SGRD1	ROOF	RETURN	25X25		4.34	828	3597	911	3955	3955	-
AHU1-SGRD2											
Total				0			3597		3955	3955	0%