

Report By:

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

NATIONAL

TAB

Comfort. Under control.

**Report: AHU - DUAL FAN
Function: Test, Adjust, & Balance
Date: 9/14/2022**

PROJECT
Beta Tutorial Test Project

1 Main street

Kansas City, MO 64110

Client

101 Construction Company, Inc. 1
761 Old Hickory Blvd. Suite 104
Noida 1
Brentwood, TN 37 027

National TAB

Project: Beta Tutorial Test Project

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Comfort. Under control.

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Project: Beta Tutorial Test Project

System/Unit: AHU-DUAL FAN

Asset: AHU(DF)1

AREA:

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	TRANE	TRANE
Model Number	DF1	DF1
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	
No. Final Filters / Size (1)	-	
No. Final Filters / Size (2)	-	
No. Final Filters / Size (3)	-	

UNIT DATA - EXHAUST/RETURN		
	Design	Actual
Manufacturer	-	
Model Number	-	
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	
No. Pre-Filters / Size (4)	-	
No. Pre-Filters / Size (5)	-	
No. Pre-Filters / Size (6)	-	

MOTOR DATA - SUPPLY		
	Design	Actual
Motor MFG / Frame	-	
Horsepower / RPM	-	
Rated Volts / Phase	-	
Rated Amperage / SF	-	

MOTOR DATA - EXHAUST/RETURN		
	Design	Actual
Motor MFG / FRAME	-	
Horsepower / RPM	-	
Rated Volts / Phase	-	
Rated Amperage / SF	-	

DRIVE DATA - SUPPLY		
	Design	Actual
Motor Sheave Size / Bore	-	
Fan Sheave Size / Bore	-	
Belt CL Distance	-	
No. Belts / Size	-	
VFD High Speed Stpt	-	
VFD Low Speed Stpt	-	
0-10v High Speed Stpt	-	
0-10v Low Speed Stpt	-	
Static Pressure Stpt	-	

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual
Motor Sheave Size / Bore	-	
Fan Sheave Size / Bore	-	
Belt CL Distance	-	
No. Belts / Size	-	
VFD High Speed Stpt	-	
VFD Low Speed Stpt	-	
0-10v High Speed Stpt	-	
0-10v Low Speed Stpt	-	
Static Pressure Stpt	-	

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	-	
Fan RPM	-	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	-	

TEST DATA - EXHAUST/RETURN		
	Design	Actual
Total CFM	-	
Fan RPM	-	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	-	

PERFORMANCE DATA - SUPPLY		
	Design	Actual
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
HW Coil P.D.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Total ESP	-	

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	Actual
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
HW Coil P.D.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Total ESP	-	

Completed By: Dan Hertenstein

Notes: