

Report By:

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



Report: TAB REPORT
Function: Test, Adjust, & Balance
Date: 10/31/2023

PROJECT
MISSION HILLS COUNTRY CLUB

5400 MISSION DRIVE

MISSION HILLS, KS 66208

Client

Lankford-Fendler & Associates
1730 Walnut Street
Kansas City, MO 64108

National TAB

Project: MISSION HILLS COUNTRY CLUB

System/Unit: AHU/RTU



Asset: AHU1

AREA:CHILLED WATER

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	
Model Num	UCCAD10	UCCAD10
Type	CHW/HW AHU	CHW/HW AHU
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	
Service Factor	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	

Test Data		
	Design	Actual
SF CFM (Initial)	-	
SF CFM	5000	
SF RPM (Initial)	-	
SF RPM	1350	
RA CFM	4000	
OA CFM	1000	
RL Amperage	-	
SF Rotation	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	Actual
Return Duct SP	-	
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Supply Duct SP	-	
Total ESP	1.3"	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
CHW Coil P.D.	-	
HW Coil P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

National TAB

Project: MISSION HILLS COUNTRY CLUB

AHU/RTU



Circuit Setter

AHU1/CHILLED WATER

Asset											
Asset Name	MFG	Model Num	Size	Type	Design GPM	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
CHILLED WATER CS 1	NA	NA			33						-
HOT WATER CS 2	NA	NA			21.5						-
Total					54.5					0	0%

National TAB

Project: MISSION HILLS COUNTRY CLUB

System/Unit: COIL - Chilled Water



Asset: CHWC1

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Service	-	
Type	-	

Performance Data		
	Design	Actual
BTUH (ACTUAL)	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Delta T (db/wb)	-	

Test Data		
	Design	Actual
Inlet Pres	33	
Discharge Pres	-	
Coil Delta P	-	
EWT (F)	44	
LWT (F)	54	
Coil Delta T (F)	-	
Circuit 1 BTUH	-	

National TAB

Project: MISSION HILLS COUNTRY CLUB
System/Unit: COIL - Hot Water



Asset: HWC1

AREA:

Unit Data		
	Design	Actual
Service	-	AHU-1
Type	-	HOT WATER

Test Data		
	Design	Actual
GPM CIRCUIT 1	21.5	
Coil Delta P	-	
EWT (F)	180	
LWT (F)	160	
Coil Delta T (F)	-	

Performance Data		
	Design	Actual
EAT (db/wb)	60.0	
LAT (db/wb)	99.6	
Delta T (db/wb)	-	
Airside Coil Delta SP	-	