

Report By:

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



**Report: testing
Function: Test, Adjust, & Balance
Date: 7/18/2022**

**PROJECT
TESTING 020722**

985 Laurel Avenue

Cincinnati, OH 45246

Client

Developer Test Client

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Project: TESTING 020722

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Project: TESTING 020722

System/Unit: AHU/RTU



Comfort. Under control.

Asset: AHU1

AREA:

Unit Data		
	Design	Actual
MFG	test	test
Serial Num	-	
Model Num	test	test
Type	-	
Configuration	-	
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	-	
Rated Voltage	-	
Rated Amperage	-	

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

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

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Notes: test note

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AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

AHU1/

Asset	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
AHU1-SGRD1							
	FINAL CFM	% to design					
AHU1-SGRD2							
	FINAL CFM	% to design					
AHU1-SGRD3							
	FINAL CFM	% to design					
AHU1-SGRD4							
	FINAL CFM	% to design					
AHU1-SGRD5							
	FINAL CFM	% to design					
AHU1-SGRD6							
	FINAL CFM	% to design					
AHU1-SGRD7							
	FINAL CFM	% to design					
AHU1-SGRD8							
	FINAL CFM	% to design					
AHU1-SGRD9							
	FINAL CFM	% to design					
AHU1-SGRD10							
	FINAL CFM	% to design					

Diffuser Ret/Exh (GRD)

AHU1/

Asset	Type	Size	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
AHU1-EGRD1							
AHU1-EGRD2							
AHU1-EGRD3							

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Asset	Notes
AHU1	test note
AHU1	test note

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Project: TESTING 020722

System/Unit: AHU/RTU



Comfort. Under control.

Asset: AHU2

AREA:

Unit Data		
	Design	Actual
MFG	2	2
Serial Num	-	
Model Num	2	2
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

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Notes:

Asset	Notes

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Project: TESTING 020722

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF1

AREA:

Unit Data		
	Design	Actual
MFG	2	2
Model Num	2	2
Serial Num	-	
Series	-	
Configuration	-	

Test Data		
	Design	Actual
CFM	-	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	

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

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Notes:

Asset	Notes

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Project: TESTING 020722

System/Unit: FAN - Supply



Comfort. Under control.

Asset: SF1

AREA:

Unit Data		
	Design	Actual
MFG	1	1
Model Num	1	1
Serial Num	-	

Test Data		
	Design	Actual
CFM	-	
SF RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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

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

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Notes:

Asset	Notes

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Project: TESTING 020722

System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD1

AREA:

Unit Data		
	Design	Actual
Hood length	-	
Hood Width	-	

Test Data Exhaust		
	Design	Actual
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	-	

Cooking Equipment		
	Design	Actual
Item 1	-	
Item 2	-	
Item 3	-	
Item 4	-	
Item 5	-	
Item 6	-	
Item 7	-	

Test Data Supply		
	Design	Actual
Total AK Area	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	-	

Performance Data		
	Design	Actual
Smoke Generation Type	-	
Cooking Equip Heat On	-	
Hood Capture %	-	
End Panels Installed (Y/N)	-	
Space Offset Temp Riser 1	-	
Space Offset Temp Riser 2	-	
Ambient Room Temp	-	

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Notes:

Asset	Notes

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Project: TESTING 020722

System/Unit: Kitchen Hood Type II



Comfort. Under control.

Asset: HD(Type2)1

AREA:

Unit Data		
	Design	Actual
MFG	1	1
Model Num	1	1
Serial Num	-	
Type	-	
Hood length	-	
Hood Width	-	

Test Data		
	Design	Actual
Exhaust CFM	-	

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Notes:

Asset	Notes
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