

Report By:

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



Report: TEST

Function: Test, Adjust, & Balance

Date: 02/18/2026

Completed By: National TAB

PROJECT

Deweys Evaluation (Covington, KY)

43 W 7th St.

Covington, KY 41011

Client

C&T DESIGN
4025 PORT UNION RD.

FAIRFIELD, OH 45014

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Project: Deweys Evaluation (Covington, KY)

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Project: Deweys Evaluation (Covington, KY)

System/Unit: FAN - Exhaust



Asset: EF-1

AREA: BATHROOMS

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	INLINE	

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

Drive Data	
	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
CFM	450	
Fan RPM	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.6	
Brake Horse Power	-	

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Project: Deweys Evaluation (Covington, KY)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-1/BATHROOMS

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E1-1	WOMEN'S RR	E	12X12	150				-
E1-2	MEN'S RR	E	12X12	300				-
Total				450		0	0	0%

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Project: Deweys Evaluation (Covington, KY)

System/Unit: FAN - Exhaust



Asset: KEF-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	CAPTIVEAIRE
Model Num	NA	USBI18DD-RM
Serial Num	-	
Type	KEF	

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

Test Data		
	Design	Actual
CFM	2800	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208	
RL Amperage	8.3	
Suction ESP	-	
Discharge ESP	-	
Total ESP	1.650	
Brake Horse Power	-	

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Project: Deweys Evaluation (Covington, KY)

System/Unit: FAN - Supply



Asset: KMAU-1

AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	NA	CAPTIVEAIRE
Model Num	NA	A1-D.250-G10
Serial Num	-	
Type	-	
Configuration	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Drive Data	
	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
CFM	2300	
SF RPM	1152	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	208	
RL Amperage	4.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.400	
Brake Horse Power	-	

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Project: Deweys Evaluation (Covington, KY)

System/Unit: Fan Coil



Asset: FCU-1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

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

Test Data		
	Design	Actual
SFAN CFM	2000	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	1650	
OA CFM	350	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
EAT (db/wb)	-	
LAT (db/wb)	-	

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Project: Deweys Evaluation (Covington, KY)

Fan Coil



Diffuser Supply (GRD)

FCU-1/KITCHEN

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F1-1	KITCHEN	A	12	500			-
F1-2	KITCHEN	A	12	500			-
F1-3	KITCHEN	A	12	400			-
F1-4	KITCHEN	A	12	500			-
Total				1900	0	0	0%

Diffuser Ret/Exh (GRD)

FCU-1/KITCHEN

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
RF1-1	KITCHEN	D	22X22	650				-
RF1-2	KITCHEN	D	22X22	650				-
Total				1300		0	0	0%

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Project: Deweys Evaluation (Covington, KY)

System/Unit: Fan Coil



Asset: FCU-2

AREA: DINING AREA

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

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

Test Data		
	Design	Actual
SFAN CFM	2000	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	1650	
OA CFM	350	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
EAT (db/wb)	-	
LAT (db/wb)	-	

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Project: Deweys Evaluation (Covington, KY)

System/Unit: Fan Coil



Asset: FCU-3

AREA: DINING AREA

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

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

Test Data		
	Design	Actual
SFAN CFM	2000	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	1650	
OA CFM	350	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
EAT (db/wb)	-	
LAT (db/wb)	-	

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Project: Deweys Evaluation (Covington, KY)

System/Unit: Kitchen Hood Type I



Asset: KHD-1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	NA	CAPTIVEAIRE
Model Num	NA	VHB-G-PSP-F-ND
Job / Serial Num	-	
Type	I	
Hood length	16'0"	
Hood Width	-	
Supply Plenum Type	-	
Supply Plenum Width	192"	
Supply Plenum Length	14"	

Test Data Exhaust		
	Design	Actual
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 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	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total Area	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
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	2800	