

Report By:

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



Report: TEST

Function: Test, Adjust, & Balance

Date: 12/18/2025

Completed By: National TAB

PROJECT

Dave's Hot Chicken (Vacaville, CA)

1650 E Monte Vista Ave, Ste 103

Vacaville, CA 95688

Client

KMS Resource Group Inc.

8502 E CHAPMAN AVE

SUITE 274

ORANGE, CA 92869

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Project: Dave's Hot Chicken (Vacaville, CA)

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Project: Dave's Hot Chicken (Vacaville, CA)

System/Unit: AHU/RTU



Asset: RTU-1

AREA:DINING ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num PreFilter 1	-	
PreFilter Size 1	-	

Test Data		
	Design	Actual
SF CFM	5000	
SF RPM	-	
RA CFM	3750	
OA CFM	1250	
Relief CFM	-	
RL Voltage	460	
RL Amperage	-	
OA Damper Position	-	
Brake Horse Power	-	

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

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5	
Fan Total SP	-	
Cooling Coil P.D.	-	

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	

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Project: Dave's Hot Chicken (Vacaville, CA)

AHU/RTU



Diffuser Supply (GRD)

RTU-1/DINING ROOM

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-1	KITCHEN	1	10	300			-
1-2	KITCHEN	1	10	300			-
1-3	KITCHEN	1	16	800			-
1-4	KITCHEN	1	16	800			-
1-5	DINING ROOM	3	16X6	75			-
1-6	DINING ROOM	3	16X6	75			-
1-7	DINING ROOM	3	16X6	75			-
1-8	DINING ROOM	3	16X6	75			-
1-9	DINING ROOM	3	16X6	75			-
1-10	DINING ROOM	3	16X6	75			-
1-11	DINING ROOM	3	16X6	75			-
1-12	DINING ROOM	3	16X6	75			-
1-13	RR HALL	1	12	400			-
Total				3200	0	0	0%

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Project: Dave's Hot Chicken (Vacaville, CA)

System/Unit: AHU/RTU



Asset: DOAS-1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Configuration	-	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
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	-	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	2300	
SF RPM	-	
RA CFM	0	
OA CFM	2300	
Relief CFM	-	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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 Project: Dave's Hot Chicken (Vacaville, CA)
AHU/RTU



Diffuser Supply (GRD)

DOAS-1/KITCHEN

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
D1-1	KITCHEN	1	12	440			-
D1-2	KITCHEN	2	14	620			-
D1-3	KITCHEN	2	14	620			-
D1-4	KITCHEN	2	14	620			-
Total				2300	0	0	0%

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Project: Dave's Hot Chicken (Vacaville, CA)

System/Unit: FAN - Exhaust



Asset: EF-1

AREA:RR

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

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

Test Data		
	Design	Actual
CFM	400	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: Dave's Hot Chicken (Vacaville, CA)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-1/RR

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E1-1	RR							
E1-2	KITCHEN							
E1-3	RR							
Total				0		0	0	0%

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Project: Dave's Hot Chicken (Vacaville, CA)

System/Unit: FAN - Exhaust



Asset: EF-2

AREA: KITCHEN HOOD

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

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	480	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: Dave's Hot Chicken (Vacaville, CA)

System/Unit: Kitchen Hood Type I



Asset: H1

AREA:

Unit Data		
	Design	Actual
MFG	NA	CAPTIVEAIRE
Model Num	NA	5424 ND-2
Job / Serial Num	-	
Type	I	
Hood length	14'0"	
Hood Width	-	

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	
Filter Size 1	20"X16"	
Filter Size 2	-	
Filter Qty 1	10	
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	2800	

Cooking Equipment	
	Actual
Item 1	
Item 2	