

Report By:

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



Report: TAB

Function: Test, Adjust, & Balance

Date: 01/27/2026

Completed By: National TAB

PROJECT

SliceHouse (Livermore, CA)

1948 First Street

Livermore, CA 94550

Client

KMS Resource Group Inc.

8502 E CHAPMAN AVE

SUITE 274

ORANGE, CA 92869

National TAB

Project: SliceHouse (Livermore, CA)

Table Of Contents

Section	Page #
FAN - Exhaust	3
FAN - Supply	7
Fan Coil	10
Kitchen Hood Type I	19
Kitchen Hood Type II	23

National TAB

Project: SliceHouse (Livermore, CA)

System/Unit: FAN - Exhaust



Asset: KEF-1

AREA:HOOD 1, 2

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NA	USB124DD-RM
Serial Num	-	7521231
Type	CRE UPFLOW	CRE UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	215T
Horsepower	5.00	5
Motor Rpm	1070	1165
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	7.15
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	3850	3852
Motor Frequency	-	54.8HZ
System SetPt	-	54.8HZ
RL Voltage	460	390/390/390
RL Amperage	7.2	5.28/5.28/5.28
Suction ESP	-	NA
Discharge ESP	-	ATM
Total ESP	2.25	NA
Brake Horse Power	-	3.66

Completed By: Zack Eismin on 01/27/2026

Unit Data - PHOTO LOG



01/27/2026

National TAB

Project: SliceHouse (Livermore, CA)
System/Unit: FAN - Exhaust



Asset: KEF-2

AREA:HOOD 3

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NA	USBI11DD-RM
Serial Num	-	7521231
Type	-	CRE UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	0.50	0.5
Motor Rpm	1435	2400
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	6.3
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	812	815
Motor Frequency	-	N/A
System SetPt	-	64%
RL Voltage	115	122
RL Amperage	6.3	1.15
Suction ESP	-	NA
Discharge ESP	-	ATM
Total ESP	0.650	NA
Brake Horse Power	-	0.09

Completed By: Zack Eismin on 01/27/2026

Unit Data - PHOTO LOG



01/27/2026

National TAB

Project: SliceHouse (Livermore, CA)
System/Unit: FAN - Supply



Asset: MUA-1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NA	A2-20D
Serial Num	-	7521231
Type	CRE UPBLAST	MAU
Configuration	CRE UPBLAST	HORIZONTAL
Num Filters Size 1	-	8
Filter Size 1	-	20X25X2

Test Data		
	Design	Actual
CFM	3730	3782
SF RPM	1519	1225
Motor Frequency	-	41.9HZ
SF System SetPt	-	41.9HZ
RL Voltage	460	303/303/303
RL Amperage	4.3	2.8/2.8/2.8
Suction ESP	-	ATM
Discharge ESP	-	0.69"
Total ESP	0.750	0.69"
Brake Horse Power	-	1.95

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	182T3
Horsepower	3.00	3
Motor Rpm	1519	1755
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	4.3
Service Factor	-	1.15

Completed By: Zack Eismin on 01/27/2026

Unit Data - PHOTO LOG



01/27/2026

National TAB
 Project:SliceHouse (Livermore, CA)
FAN - Supply



Diffuser Supply (GRD)

MUA-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
M1-1	HOOD-1	DUCT	NL	635	637	637	100.3
M1-2	HOOD-2	DUCT	NL	587	637	637	108.5
M1-3	HOOD-1	DUCT	NL	635	637	637	100.3
M1-4	HOOD-1	DUCT	NL	635	585	585	92.1
M1-5	HOOD-2	DUCT		587	585	585	99.7
M1-6	KITCHEN	SCEC2424	24X24	650	701	701	107.8
Total				3729	3782	3782	101.42%

Completed By: Zack Eismin on 01/27/2026

National TAB

Project: SliceHouse (Livermore, CA)

System/Unit: Fan Coil



Asset: FCU-1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Model Num	NA	CBK45UHET-048-230-71
Serial Num	-	1725G63705
Type	-	FCU
Num Filters Size 1	-	1
Filter Size 1	-	18X20X1

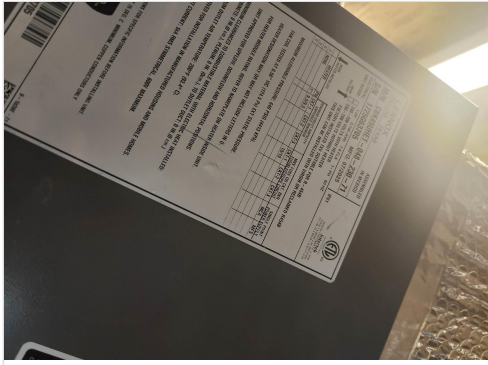
Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	0.75	0.746
Motor Rpm	-	NL
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	7.6
Service Factor	-	NL
Brake Horse Power	-	

Test Data		
	Design	Actual
SFAN CFM	1990	1999
SFAN RPM	-	NA
Motor Frequency	-	N/A
Motor Speed SetPt	-	HIGH SPEED
RL Voltage	-	233
RL Amperage	-	5.9
RA CFM	1630	1642
OA CFM	360	357

Performance Data		
	Design	Actual
Suction ESP	-	-0.29"
Discharge ESP	-	0.34"
Total ESP	0.50	0.63"

Completed By: Zack Eismin on 01/27/2026

Unit Data - PHOTO LOG



01/27/2026

National TAB

Project: SliceHouse (Livermore, CA)

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	SCP08	8	310	139	312	100.6
F1-2	KITCHEN	SCP06	6	50	131	54	108.0
F1-3	KITCHEN	SCEC2424	24X24	425	365	411	96.7
F1-4	KITCHEN	SCEC2424	24X24	420	451	431	102.6
F1-5	KITCHEN	SCEC2424	24X24	425	401	412	96.9
F1-6	KITCHEN	SCL10	10	360	521	379	105.3
Total				1990	2008	1999	100.45%

National TAB

Project: SliceHouse (Livermore, CA)
System/Unit: Fan Coil



Asset: FCU-2

AREA:DINING

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Model Num	NA	CBK45UHET-48-230-71
Serial Num	-	1725G63702
Type	-	FCU
Num Filters Size 1	-	1
Filter Size 1	-	18X20X1

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	0.75	0.746
Motor Rpm	-	NL
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	7.6
Service Factor	-	NL
Brake Horse Power	-	

Test Data		
	Design	Actual
SFAN CFM	1600	1716
SFAN RPM	-	NA
Motor Frequency	-	N/A
Motor Speed SetPt	-	HIGH SPEED
RL Voltage	-	233
RL Amperage	-	5.6
RA CFM	1220	1323
OA CFM	380	393

Performance Data		
	Design	Actual
Suction ESP	-	-0.25"
Discharge ESP	-	0.31"
Total ESP	0.50	0.56"

Completed By: Zack Eismin on 01/27/2026

Unit Data - PHOTO LOG



01/27/2026

National TAB

Project: SliceHouse (Livermore, CA)

Fan Coil



Diffuser Supply (GRD)

FCU-2/DINING

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F2-1	DINING	SCP12	12	535	557	579	108.2
F2-2	DINING	SCP12	12	530	635	571	107.7
F2-3	DINING	SCP12	12	535	609	566	105.8
Total				1600	1801	1716	107.25%

Completed By: Zack Eismin on 01/27/2026

National TAB

Project: SliceHouse (Livermore, CA)
System/Unit: Fan Coil



Asset: FCU-3

AREA:DINING

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Model Num	NA	CBX45UHET-48-230-71
Serial Num	-	1725H59502
Type	-	FCU
Num Filters Size 1	-	1
Filter Size 1	-	18X20X1

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	0.75	0.746
Motor Rpm	-	NL
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	7.6
Service Factor	-	NL
Brake Horse Power	-	

Test Data		
	Design	Actual
SFAN CFM	1600	1682
SFAN RPM	-	NA
Motor Frequency	-	N/A
Motor Speed SetPt	-	HIGH SPEED
RL Voltage	-	233
RL Amperage	-	5.7
RA CFM	1210	1283
OA CFM	380	399

Performance Data		
	Design	Actual
Suction ESP	-	-0.29"
Discharge ESP	-	0.27"
Total ESP	0.50	0.56"

Completed By: Zack Eismin on 01/27/2026

Unit Data - PHOTO LOG



01/27/2026

National TAB

Project:SliceHouse (Livermore, CA)

Fan Coil



Diffuser Supply (GRD)

FCU-3/DINING

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3-1	DINING	SCP12	12	535	569	569	106.4
F3-2	DINING	SCP12	12	530	555	555	104.7
F3-3	DINING	SCP12	12	535	558	558	104.3
Total				1600	1682	1682	105.12%

Completed By: Zack Eismin on 01/27/2026

National TAB

Project: SliceHouse (Livermore, CA)

System/Unit: Kitchen Hood Type I



Asset: HOOD-1

AREA:PIZZA

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NA	7824 ND-2-PSP-F
Job / Serial Num	-	7464092
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	143	143"
Hood Width	78	73"
Supply Plenum Type	-	PSP
Supply Plenum Width	14	14"
Supply Plenum Length	156	156"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Size 2	-	
Filter Qty 1	8	8
Filter Qty 2	-	
Filter AK factor size 1	2.08	2.08
Filters AK factor size 2	-	
Filter Total AK Area	16.64	16.64
Filter1 FPM	-	130
Filter2 FPM	-	143
Filter3 FPM	-	162
Filter4 FPM	-	178
Filter5 FPM	-	154
Filter6 FPM	-	140
Filter7 FPM	-	130
Filter8 FPM	-	116
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	144
CFM	2383	2396

Cooking Equipment	
	Actual
Item 1	PIZZA OVEN
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total Area	15.17	15.17
Kv factor (Vel)	0.90	0.9
Num of Readings	-	12
Reading1 FPM	-	156
Reading2 FPM	-	154
Reading3 FPM	-	143
Reading4 FPM	-	141
Reading5 FPM	-	143
Reading6 FPM	-	150
Reading7 FPM	-	137
Reading8 FPM	-	129
Reading9 FPM	-	124
Reading10 FPM	-	135
Reading11 FPM	-	138
Reading12 FPM	-	130
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	140
CFM	1906	1911

Completed By: Zack Eismin on 01/27/2026

Unit Data - PHOTO LOG



01/27/2026

National TAB

Project: SliceHouse (Livermore, CA)

System/Unit: Kitchen Hood Type I



Asset: HOOD-2

AREA:RANGE

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NA	5424 ND-2-PSP-F
Job / Serial Num	-	7521231
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	88	88"
Hood Width	54	54"
Supply Plenum Type	-	PSP
Supply Plenum Width	14	14"
Supply Plenum Length	88	88"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Size 2	-	
Filter Qty 1	5	5
Filter Qty 2	-	
Filter AK factor size 1	2.08	2.08
Filters AK factor size 2	-	
Filter Total AK Area	10.40	10.40
Filter1 FPM	-	135
Filter2 FPM	-	140
Filter3 FPM	-	153
Filter4 FPM	-	145
Filter5 FPM	-	128
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	140
CFM	1467	1456

Cooking Equipment	
	Actual
Item 1	FRYERS
Item 2	STOVE RANGE
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total Area	8.56	8.56
Kv factor (Vel)	0.90	0.90
Num of Readings	-	8
Reading1 FPM	-	155
Reading2 FPM	-	158
Reading3 FPM	-	150
Reading4 FPM	-	139
Reading5 FPM	-	150
Reading6 FPM	-	143
Reading7 FPM	-	173
Reading8 FPM	-	156
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	152
CFM	1174	1171

Completed By: Zack Eismin on 01/27/2026

Unit Data - PHOTO LOG



01/27/2026

National TAB

Project: SliceHouse (Livermore, CA)

System/Unit: Kitchen Hood Type II



Asset: HOOD-3

AREA: CONVEYOR PIZZA

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NA	4824 VHB
Serial Num	-	7521231
Type	TYPE II CANOPY	TYPE II CANOPY
Hood length	78	78"
Hood Width	48	48"

Test Data		
	Design	Actual
Exhaust CFM	812	815

Completed By: Zack Eismin on 01/27/2026

Unit Data - PHOTO LOG



01/27/2026