

Report By:

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



Report: TAB

Function: Test, Adjust, & Balance

Date: 11/04/2025

Completed By: National TAB

PROJECT

Wingstop (King City, CA)

510 Canal Street

King City, CA 93930

Client

KMS Resource Group Inc.

8502 E CHAPMAN AVE

SUITE 274

ORANGE, CA 92869

National TAB

Project: Wingstop (King City, CA)

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National TAB

Project: Wingstop (King City, CA)

System/Unit: AHU/RTU



Asset: RTU1

AREA:

Unit Data	
	Actual
MFG	RHEEM
Serial Num	F212500247
Model Num	RGEAYB036ACT06UNA
Configuration	VERTICAL
Num OA Filters 1	N/A
OA Filter Size 1	N/A
Num PreFilter 1	1
PreFilter Size 1	14X20X1

Test Data		
	Design	Actual
SF CFM	780	1170
SF RPM	-	HIGH SPEED
RA CFM	1600	1170
OA CFM	400	0
RL Voltage	-	207
RL Amperage	-	5.3
Brake Horse Power	-	0.70

Motor Data		
	Design	Actual
Motor MFG	-	GENTEQ
Frame	-	NL
Horsepower	-	1
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	208	208
Rated Amperage	-	7.6
Service Factor	-	NL

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.29"
Fan Discharge SP	-	0.35"
Total ESP	-	0.64"
Fan Total SP	-	0.74"

Completed By: Zack Eismin on 11/04/2025

Notes:
 OA REROUTED THROUGH RTU-2
 PROPRTIONALLY BALANCED TO 400CFM A TON / 1200CFM

Written By: Zack Eismin on 11/04/2025

Unit Data - PHOTO LOG



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National TAB
 Project:Wingstop (King City, CA)
AHU/RTU



Diffuser Supply (GRD)

RTU1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	BOH	S1	10	390	689	589	151.0
SGRD2	BOH	S1	10	390	501	581	149.0
Total				780	1190	1170	150%

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Project: Wingstop (King City, CA)
System/Unit: AHU/RTU



Asset: RTU2

AREA:

Unit Data	
	Actual
MFG	RHEEM
Serial Num	F502401547
Model Num	RGEAZ060ACT10UNA
Configuration	VERTICAL
Num OA Filters 1	1
OA Filter Size 1	23X14
Num PreFilter 1	1
PreFilter Size 1	14X20X1

Motor Data		
	Design	Actual
Motor MFG	-	GENTEQ
Frame	-	NL
Horsepower	-	1
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	208	208
Rated Amperage	-	8.9
Service Factor	-	NL

Test Data		
	Design	Actual
SF CFM	1600	1968
SF RPM	-	HIGH SPEED
RA CFM	1400	1365
OA CFM	200	603
RL Voltage	-	206
RL Amperage	-	7.1
SF System SetPt	-	HIGH SPEED
OA Damper Position	-	30%
Brake Horse Power	-	0.79

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.35"
Fan Discharge SP	-	0.47"
Total ESP	-	0.99"
Fan Total SP	-	0.83"

Completed By: Zack Eismin on 11/04/2025

Notes:
UNIT PROPORTIONALLY BALANCED TO 400 CFM PER TON.
UNITS HAS RTU-1'S OA REROUTED THROUGH ITS ECONOMIZER.

Written By: Zack Eismin on 11/04/2025

Unit Data - PHOTO LOG



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National TAB
 Project:Wingstop (King City, CA)
AHU/RTU



Diffuser Supply (GRD)

RTU2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	106	S1	10	390	195	255	65.4
SGRD2	105	S2	10	390	209	249	63.8
SGRD3	HOOD	PSP	8	650	421	439	67.5
SGRD4	105	S2	10	390	278	271	69.5
SGRD5	104	S3	10	400	360	251	62.8
SGRD6	101	S1	10	360	287	259	71.9
SGRD7	101	S1	10	360	231	244	67.8
Total				2940	1981	1968	66.94%

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 Project: Wingstop (King City, CA)
 System/Unit: FAN - Exhaust



Asset: EF2

AREA:

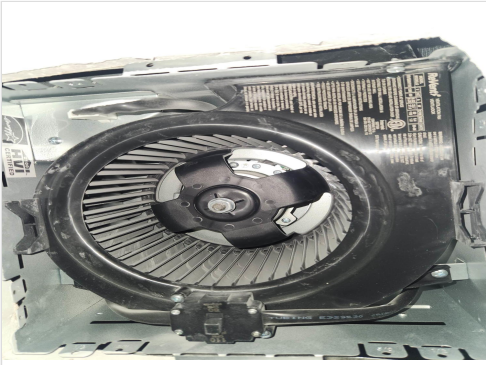
Unit Data	
	Actual
MFG	REVENT
Model Num	RVS80110
Serial Num	NL

Test Data		
	Design	Actual
CFM	150	145
RL Voltage	-	NA
RL Amperage	-	NA

Motor Data		
	Design	Actual
Motor MFG	-	NL
Horsepower	-	27.8W
Motor Rpm	-	NL
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	0.25

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Unit Data - PHOTO LOG



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Project: Wingstop (King City, CA)

System/Unit: FAN - Exhaust



Asset: EF1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	ECONAIR
Model Num	EADU180H	EADU180H
Serial Num	-	7625774
Type	CRE	CRE

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	184T
Horsepower	2.00	2
Motor Rpm	-	1165
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	6.56
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	2700	2714
Motor Frequency	-	56.5HZ
System SetPt	-	56.5HZ
RL Voltage	208	206/206/206
RL Amperage	7.3	5.9/5.9/5.9
Suction ESP	-	-1.13"
Discharge ESP	-	ATM
Brake Horse Power	-	1.62

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Unit Data - PHOTO LOG



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Project: Wingstop (King City, CA)

System/Unit: FAN - Supply



Asset: MAU1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	ECONAIR
Model Num	EA2-D.250-20D	EA2-D.250-20D
Serial Num	-	7625774
Type	GF MAU	MAU
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	2160	2347
SF RPM	1064	1130
Motor Frequency	-	59HZ
SF System SetPt	-	59HZ
RL Voltage	208	206/206/206
RL Amperage	3.8	3.4/3.4/3.4
Suction ESP	-	ATM
Discharge ESP	-	0.59"
Brake Horse Power	-	0.89

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	145T
Horsepower	1.00	1
Motor Rpm	1064	1150
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	3.44
Service Factor	-	1.15

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

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Unit Data - PHOTO LOG



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National TAB

Project: Wingstop (King City, CA)

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	NA	ECONAIR
Model Num	NA	5430 EX-2
Job / Serial Num	-	7625774
Type	TYPE I PSP	TYPE I PSP
Hood length	144	144"
Hood Width	54	54"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	24	14"
Supply Plenum Length	156	156"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Qty 1	9	9
Filter AK factor size 1	-	2.08
Filter Total AK Area	-	18.72
Filter1 FPM	-	159
Filter2 FPM	-	151
Filter3 FPM	-	165
Filter4 FPM	-	157
Filter5 FPM	-	155
Filter6 FPM	-	133
Filter7 FPM	-	129
Filter8 FPM	-	130
Filter9 FPM	-	123
Filter Ave FPM(corr)	-	145
CFM	2700	2714

Cooking Equipment	
	Actual
Item 1	FRYERS

Test Data Supply		
	Design	Actual
Total Area	15.16	15.16
Kv factor (Vel)	-	0.89
Num of Readings	-	12
Reading1 FPM	-	190
Reading2 FPM	-	160
Reading3 FPM	-	183
Reading4 FPM	-	152
Reading5 FPM	-	191
Reading6 FPM	-	178
Reading7 FPM	-	181
Reading8 FPM	-	187
Reading9 FPM	-	171
Reading10 FPM	-	145
Reading11 FPM	-	179
Reading12 FPM	-	173
Ave FPM(corr)	-	174
CFM	2360	2347

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