

Report By:

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



Report: PRELIM REPORT
Function: Test, Adjust, & Balance
Date: 11/11/2025
Completed By: National TAB

PROJECT

11-10-25 Freddys - McKinney, TX

1530 N Hardin Blvd

McKinney, TX 75071

Client

KT Ventures

National TAB

Project: 01-01-26 Freddys - McKinney, TX

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National TAB

Project: 01-01-26 Freddys - McKinney, TX

System/Unit: AHU/RTU

Asset: DOAS2

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Serial Num	-	7020537
Model Num	CAS-HVAC3-I.250-15-15T	CAS-HVAC3-I.200-15-15T
Type	DOAS	DOAS
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	4
OA Filter Size 1	-	16X25X2
Num Final Filter 1	-	8
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	WESTINGHOUSE
Frame	-	145T
Horsepower	2	2.00
Motor Rpm	-	1745
Phase	3	3
Rated Voltage	208	230
Rated Amperage	-	5.64

Drive Data	
	Actual
Motor Sheave Size	DIRECT DRIVE
Motor Bore Size	DIRECT DRIVE
Motor Sheave SetPt	DIRECT DRIVE
Fan Sheave Size	DIRECT DRIVE
Fan Sheave Bore	DIRECT DRIVE
Belt CL Distance	DIRECT DRIVE
Num of Belts	DIRECT DRIVE
Belt Size	DIRECT DRIVE
Belt Alignment	DIRECT DRIVE

Test Data		
	Design	Actual
SF CFM	2300	2403
SF RPM	-	1506
RA CFM	-	0
OA CFM	2300	2403
RL Voltage	230	212/213/212
RL Amperage	5.64	4.3/4.3/4.3
SF Rotation	-	CCW
SF System SetPt	-	51.8Hz
RA Damper Position	-	0%
Min OA Damper Position	-	100%
Min OA Damper Type	-	OPPOSED BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.08
Fan Suction SP	-	-0.35
Fan Discharge SP	-	0.28
Total ESP	0.500"	0.36
Fan Total SP	-	0.63

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	YES
Condensate Drain Installed	YES

Completed By: Bayley Morvant on 11/11/2025

Notes:
DIFFUSERS #1-2 AND #4-9 DESGINS WERE REDUCED TO KEEP UNIT TOTAL AT DESIGN OF 2300 CFM.

Written By: Bayley Morvant on 11/11/2025

Unit Data - PHOTO LOG



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Project:01-01-26 Freddys - McKinney, TX

AHU/RTU

Diffuser Supply (GRD)

DOAS2/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	BOH	SD2	10"	268	0	305	273		-
SGRD2	BOH	SD2	10"	268	0	350	325	272	101.5
SGRD3	KITCHEN	SD4	8"	150	0	59	56	149	99.3
SGRD4	KITCHEN	SD2	10"	268	0	355	325	278	103.7
SGRD5	KITCHEN	SD2	10"	268	0	386	360	269	100.4
SGRD6	KITCHEN	SD3	10"	268	0	292	261	294	109.7
SGRD7	KITCHEN	SD3	10"	268	0	273	159	294	109.7
SGRD8	KITCHEN	SD2	10"	268	0	204	144	279	104.1
SGRD9	KITCHEN	SD2	10"	268	0	283	248	274	102.2
Total				2294		2507	2151	2109	91.94%

Unit Data - PHOTO LOG





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Project:01-01-26 Freddys - McKinney, TX

AHU/RTU

Diffuser Supply (GRD)

RTU1/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	RESTROOM	SD5	6"	50	0	54	79	50	100.0
SGRD2	HALL	SD5	6"	100	0	49	101	118	118.0
SGRD3	RESTROOM	SD5	6"	50	0	54	101	51	102.0
SGRD4	DINING	SD1	12"	520	0.95	462	858	573	110.2
SGRD5	DINING	SD1	12"	520	0.95	370	667	589	113.3
SGRD6	DINING	SD1	12"	520	0.95	317	532	451	86.7
SGRD7	DINING	SD5	8"	150	0	88	136	177	118.0
SGRD8	DINING	SD1	12"	520	0.95	209	300	569	109.4
SGRD9	DINING	SD1	12"	520	0.95	349	625	582	111.9
SGRD10	DINING	SD1	12"	520	0.95	422	752	499	96.0
SGRD11	DINING	SD1	12"	520	0.95	382	685	562	108.1
SGRD12	DINING	SD1	12"	490	0.95	332	659	488	99.6
SGRD13	DINING	SD1	12"	520	0.95	145	629	508	97.7
Total				5000		3233	6124	5217	104.34%



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Project: 01-01-26 Freddys - McKinney, TX

System/Unit: FAN - Exhaust

Asset: EF1

AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	GREENHECK	COOK
Model Num	SP-A200-390	GEMINI VF 100
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	MCMILLAN
Motor Rpm	900	350-1100
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	0.26

Test Data		
	Design	Actual
CFM	75	80
Fan RPM	-	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
RL Voltage	120	121
RL Amperage	0.26	0.1
Total ESP	0.250"	0.01
Fan Inlet SP	-	-0.01
Fan Discharge SP	-	[1]

Completed By: Bayley Morvant on 11/10/2025

Notes:
[1] NO ACCESS TO DISCHARGE DUCT DUE TO SHEET ROCK CEILING.

Written By: Bayley Morvant on 11/10/2025

Unit Data - PHOTO LOG



11/10/2025



National TAB

Project: 01-01-26 Freddys - McKinney, TX

System/Unit: FAN - Exhaust

Asset: EF2

AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	GREENHECK	COOK
Model Num	SP-A200-390	GEMINI VF 100
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	75	81
Fan RPM	-	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
RL Voltage	-	120
RL Amperage	-	0.1
Total ESP	0.250"	0.02
Fan Inlet SP	-	-0.02
Fan Discharge SP	-	[1]

Motor Data		
	Design	Actual
Motor MFG	-	MCMILLAN
Motor Rpm	900	350-1100
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	0.1

Completed By: Bayley Morvant on 11/10/2025

Notes:

[1] NO ACCESS TO DISCHARGE DUCT DUE TO SHEET ROCK CEILING.

Written By: Bayley Morvant on 11/10/2025

Unit Data - PHOTO LOG



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National TAB

Project: 01-01-26 Freddys - McKinney, TX

System/Unit: FAN - Exhaust

Asset: KEF1

AREA:HOOD 1

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	CASRE18DD	CASRE18DD
Serial Num	-	7020537
Type	UPBLAST	UTILITY SET
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	WESTINGHOUSE
Frame	-	145T
Horsepower	1.000	1.0
Motor Rpm	-	1150
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	3.44
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	1600	1684
Fan RPM	1105	1106
Fan Rotation	-	CCW
Motor RPM	-	1106
System SetPt	-	57.7Hz
RL Voltage	-	211/212/212
RL Amperage	-	3.1/2.9/3.1
Total ESP	1.400"	0.70
Fan Inlet SP	-	-0.70
Fan Discharge SP	-	ATM

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Unit Data - PHOTO LOG



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National TAB

Project: 01-01-26 Freddys - McKinney, TX

System/Unit: FAN - Exhaust

Asset: KEF2

AREA:HOOD 2

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU50HFA	DU50HFA
Serial Num	-	7020537
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO-GREEN
Horsepower	0.500	0.50
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	6.3

Test Data		
	Design	Actual
CFM	775	996
Fan RPM	1532	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	65%
RL Voltage	-	122
RL Amperage	-	3.5
Total ESP	1.250"	0.91
Fan Inlet SP	-	-0.91
Fan Discharge SP	-	ATM

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Unit Data - PHOTO LOG



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Project: 01-01-26 Freddys - McKinney, TX

System/Unit: Kitchen Hood Type I

Asset: HD1

AREA:HOOD 1

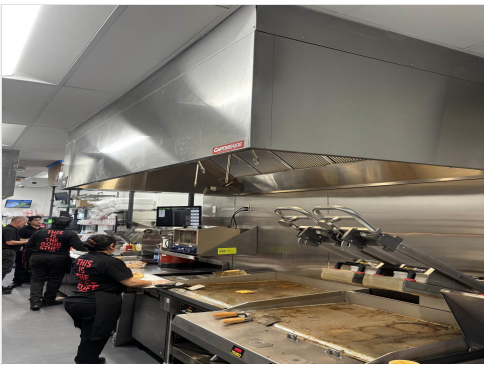
Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2	5424 ND-2
Job / Serial Num	-	7020537
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	96"	96"
Hood Width	54"	54"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	16X16	16X16
Filter Qty 1	5	5
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	8.1	8.1
Filter1 FPM	-	206
Filter2 FPM	-	217
Filter3 FPM	-	222
Filter4 FPM	-	181
Filter5 FPM	-	217
Filter Ave FPM(corr)	-	208
CFM	1600	1684

Cooking Equipment	
	Actual
Item 1	FLAT TOP GRILLE
Item 2	FLAT TOP GRILLE

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Unit Data - PHOTO LOG



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Project: 01-01-26 Freddys - McKinney, TX

System/Unit: Kitchen Hood Type I

Asset: HD2

AREA:HOOD 2

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2	5424 ND-2
Job / Serial Num	-	7020537
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	60"	60"
Hood Width	54"	54"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	16X16	16X16
Filter Qty 1	3	3
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	4.86	4.86
Filter1 FPM	-	203
Filter2 FPM	-	212
Filter3 FPM	-	202
Filter Ave FPM(corr)	-	205
CFM	775	996

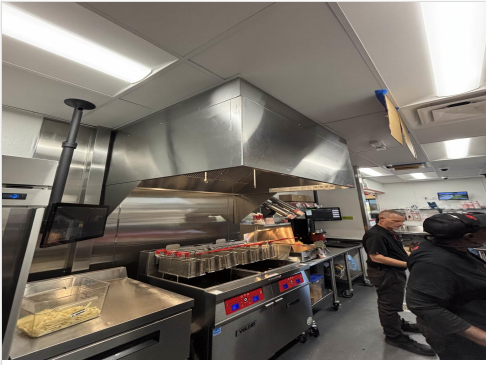
Cooking Equipment	
	Actual
Item 1	FRYER
Item 2	FRYER

Completed By: Bayley Morvant on 11/10/2025

Notes:
DESIGN CFM WAS ADJUSTED UP TO 1,000 DUE TO HOOD CAPTURE ISSUES.

Written By: Bayley Morvant on 11/11/2025

Unit Data - PHOTO LOG



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