

Report By:

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



Report: TAB REPORT
Function: Test, Adjust, & Balance
Date: 02/23/2024

PROJECT
02-26-24 FREDDY'S - BURLINGTON, NJ

2503 County Road 541

BURLINGTON, NJ 08016

Client

BS Pub Holdings

National TAB

Project: 02-26-24 FREDDY'S - BURLINGTON, NJ

Table Of Contents

Section	Page #
AHU/RTU	3
FAN - Exhaust	9
Kitchen Hood Type I	12

National TAB

Project: 02-26-24 FREDDY'S - BURLINGTON, NJ

System/Unit: AHU/RTU



Asset: DOAS1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	TRANE	CAPTIVEAIRE
Serial Num	-	
Model Num	NA	CASRTU3-I.200-15-15T
Type	DOAS	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.00	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	

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

Test Data		
	Design	Actual
SF CFM	2250	
SF RPM	-	
RA CFM	0	
OA CFM	2250	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.500	
Fan Total SP	-	

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	
Condensate Drain Installed	-	

National TAB

Project:02-26-24 FREDDY'S - BURLINGTON, NJ

AHU/RTU



Diffuser Supply (GRD)

DOAS1/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
DOAS1-SGRD1	KITCHEN	A	24X14	250					-
DOAS1-SGRD2	KITCHEN	A	24X14	250					-
DOAS1-SGRD3	KITCHEN	A	24X14	250					-
DOAS1-SGRD4	KITCHEN	A	12X14	250					-
DOAS1-SGRD5	KITCHEN	A	12X14	250					-
DOAS1-SGRD6	KITCHEN	A	12X14	250					-
DOAS1-SGRD7	KITCHEN	A	12X14	250					-
DOAS1-SGRD8	KITCHEN	A	24X14	270					-
DOAS1-SGRD9	KITCHEN	A	24X14	250					-
Total				2270		0	0	0	0%

National TAB

Project: 02-26-24 FREDDY'S - BURLINGTON, NJ

System/Unit: AHU/RTU



Asset: RTU1

AREA:Dining

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	
Model Num	NA	NA
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

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

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	

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

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	
Condensate Drain Installed	-	

Completed By: Sergio Del Toro on 07/07/2023

Notes:
NO DAMPERS AT FACE OF DIFFUSER OR TAKEOFFS.

Written By: on

National TAB

Project:02-26-24 FREDDY'S - BURLINGTON, NJ

AHU/RTU



Diffuser Supply (GRD)

RTU1/Dining

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU1-SGRD1	DINING	C	12"	230					-
RTU1-SGRD2	DINING	C	12"	230					-
RTU1-SGRD3	DINING	C	12"	230					-
Total				690		0	0	0	0%

Completed By: Sergio Del Toro on 07/06/2023

National TAB

Project: 02-26-24 FREDDY'S - BURLINGTON, NJ

System/Unit: AHU/RTU



Asset: RTU2

AREA:Kitchen

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	NA
Model Num	NA	NA
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

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

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	

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

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	
Condensate Drain Installed	-	

Completed By: Sergio Del Toro on 07/07/2023

National TAB

Project:02-26-24 FREDDY'S - BURLINGTON, NJ

AHU/RTU



Diffuser Supply (GRD)

RTU2/Kitchen

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU2-SGRD1	DINING	C	16"	480					-
RTU2-SGRD2	DINING	C	16"	480					-
RTU2-SGRD3	DINING	C	20"	480					-
RTU2-SGRD4	DINING	C	20"	480					-
RTU2-SGRD5	DINING	C	20"	480					-
RTU2-SGRD6	DINING	C	20"	480					-
RTU2-SGRD7	DINING	C	20"	480					-
RTU2-SGRD8	DINING	C	16"	480					-
RTU2-SGRD9	DINING	C	12"	480					-
RTU2-SGRD10	MENS RR	A	16"	50					-
RTU2-SGRD11	WOMENS RR	A	16"	50					-
RTU2-SGRD12	OFFICE	A	16"	100					-
Total				4520		0	0	0	0%

National TAB

Project: 02-26-24 FREDDY'S - BURLINGTON, NJ

System/Unit: FAN - Exhaust



Asset: EF1

AREA:Men's RR

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	GC-146	GC-146
Serial Num	-	
Type	CEILING	
Configuration	VERTICAL	

Test Data		
	Design	Actual
CFM	250	
Fan RPM	1725	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	.50	
Fan Inlet SP	-	
Fan Discharge SP	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1/10	
Motor Rpm	-	
Phase	1	
Voltage (rated)	120	
Amperage (rated)	-	
Service Factor	-	

Completed By: Sergio Del Toro on 07/07/2023

National TAB

Project: 02-26-24 FREDDY'S - BURLINGTON, NJ

System/Unit: FAN - Exhaust



Asset: KEF1

AREA:Kitchen

Unit Data		
	Design	Actual
MFG	COOK	CAPTIVEAIRE
Model Num	GC-146	CASRE18DD
Serial Num	-	
Type	UTILITY	
Configuration	VERTICAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1.00	
Motor Rpm	-	
Phase	3	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	1600	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	1.400	
Fan Inlet SP	-	
Fan Discharge SP	-	

National TAB

Project: 02-26-24 FREDDY'S - BURLINGTON, NJ

System/Unit: FAN - Exhaust



Asset: KEF2

AREA:Kitchen

Unit Data		
	Design	Actual
MFG	COOK	CAPTIVEAIRE
Model Num	GC-146	DU50HFA
Serial Num	-	
Type	UPBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.500	
Motor Rpm	-	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	-	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	1.120	
Fan Inlet SP	-	
Fan Discharge SP	-	

National TAB

Project: 02-26-24 FREDDY'S - BURLINGTON, NJ

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	54524 ND-2	54524 ND-2
Job / Serial Num	-	
Type	CANOPY I	
Hood length	96"	
Hood Width	54"	

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	
Filter Size 1	16X16	
Filter Qty 1	5	
Filter AK factor size 1	1.62	
Filter Total AK Area	8.1	
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	1600	

Cooking Equipment		
	Design	Actual
Item 1	-	
Item 2	-	

National TAB

Project: 02-26-24 FREDDY'S - BURLINGTON, NJ

System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	54524 ND-2	54524 ND-2
Job / Serial Num	-	
Type	CANOPY I	
Hood length	60"	
Hood Width	54"	

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	
Filter Size 1	16X16	
Filter Qty 1	3	
Filter AK factor size 1	1.62	
Filter Total AK Area	4.86	
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	775	

Cooking Equipment		
	Design	Actual
Item 1	-	
Item 2	-	