

Report By:

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



**Report: Prelim Tab Docs**  
**Function: Test, Adjust, & Balance**  
**Date: 04/16/2024**

**PROJECT**  
**04-15-24 RUSTY KEG**

4 E ELM ST

Chicago, IL 60611

Client

ENERGILITY

4400 N. High St

STE 300

Columbus, OH 43214

# National TAB

Project: 04-15-24 RUSTY KEG

## System/Unit: FAN - Exhaust



Asset: EF1

AREA:HD1A (OVEN-LEFT)

Unit Data		
	Design	Actual
MFG	NA	NAKS
Model Num	NA	28B3
Serial Num	-	20180307
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	-	2499
Fan Rotation	-	CORRECT

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Frame	-	56
Horsepower	-	0.75
Motor Rpm	-	1735
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	2.5/1.25

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.25" OD
Motor Bore Size	-	5/8
Motor Sheave SetPt	-	3 TURNS CLOSED
Fan Sheave Size	-	2.5"
Fan Sheave Bore	-	5/8"
Belt CL Distance	-	6-3/8"
Num of Belts	-	1
Belt Size	-	AX19

# National TAB

Project: 04-15-24 RUSTY KEG

## System/Unit: FAN - Exhaust



Asset: EF2

AREA:HD1B (PIZZA-RIGHT)

Unit Data		
	Design	Actual
MFG	NA	NAKS
Model Num	NA	28B3
Serial Num	-	20180410
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	-	
Fan Rotation	-	CORRECT

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Frame	-	56
Horsepower	-	.75
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	2.5/1.25

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.25" OD
Motor Bore Size	-	5/8
Motor Sheave SetPt	-	3.5 CLOSED
Fan Sheave Size	-	2.5"
Fan Sheave Bore	-	5/8"
Belt CL Distance	-	6-3/8"
Num of Belts	-	1
Belt Size	-	AX19

# National TAB

Project: 04-15-24 RUSTY KEG

## System/Unit: FAN - Exhaust



Asset: EF3

AREA:HD2 (FRYER/GRILL)

Unit Data		
	Design	Actual
MFG	FLOW-AIRE	FLOW-AIRE
Model Num	UPBLAST	BDU18
Serial Num	-	4215120
Type	-	UPBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	-	
Fan Rotation	-	CORRECT

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	56HZ
Horsepower	-	2.0
Motor Rpm	-	1740
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	5.38/2.69

Drive Data		
	Design	Actual
Motor Sheave Size	-	2VP-42
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	3.5 TURNS OPEN
Fan Sheave Size	-	8.75"
Fan Sheave Bore	-	1"
Belt CL Distance	-	
Num of Belts	-	2
Belt Size	-	BX-25

Notes:

FAN MANUFACTURED - 02/24/20

Written By: Joe Hertenstein on 04/17/2024

# National TAB

Project: 04-15-24 RUSTY KEG

## System/Unit: FAN - Exhaust



Asset: EF4

AREA:DISH HOOD

Unit Data		
	Design	Actual
MFG	NA	NAKS
Model Num	NA	10D
Serial Num	-	20180425
Configuration	-	UPBLAST

Test Data		
	Design	Actual
CFM	-	54.8
Fan RPM	DD	DD
Fan Rotation	-	CORRECT

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	42Y
Horsepower	-	1/10
Motor Rpm	-	1550
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	1.7

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Project: 04-15-24 RUSTY KEG

## System/Unit: FAN - Supply



Asset: SF1

AREA:HD1A-LEFT

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	NON-TEMPERED SUPPLY	NON-TEMPERED SUPPLY
Configuration	-	DOWN

Test Data		
	Design	Actual
CFM	-	

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

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.25"
Motor Bore Size	-	1/2"
Fan Sheave Size	-	8.75
Fan Sheave Bore	-	3/4"Approx
Belt CL Distance	-	13.5"
Num of Belts	-	1
Belt Size	-	4LK420
Belt Alignment Verified	-	GOOD

Notes:  
 INTAKE FILTER 24"X20" NOMINAL (18.5"x22" ACT)-MESH. FILTER IS MORE THAN 50% LOADED.

Written By: Joe Hertenstein on 04/17/2024

# National TAB

Project: 04-15-24 RUSTY KEG

## System/Unit: FAN - Supply



Asset: SF2

AREA:HD1B-RIGHT

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	UNTEMPERED
Configuration	-	DOWN

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

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.25"
Motor Bore Size	-	1/2"
Fan Sheave Size	-	8.75"
Fan Sheave Bore	-	3/4" Approx
Belt CL Distance	-	13.5"
Num of Belts	-	1
Belt Size	-	4LK420
Belt Alignment Verified	-	YES

Test Data		
	Design	Actual
CFM	-	
SF RPM	-	
Motor RPM	-	

General		
	Design	Actual
Fan Rotation Correct	-	

Notes:  
 INTAKE FILTER 24"X20" NOMINAL (18.5"x22" ACT)-MESH. FILTER FAIRLY CLEAN

Written By: Joe Hertenstein on 04/17/2024

# National TAB

Project: 04-15-24 RUSTY KEG

## System/Unit: FAN - Supply



Asset: SF3

AREA:HD2-FRYERS

Unit Data		
	Design	Actual
MFG	NA	FLOWAIRE
Model Num	NA	NSA12
Serial Num	-	1169953
Type	-	UNTEMPERED
Configuration	-	DOWN

Motor Data		
	Design	Actual
Motor MFG	-	DAYTON
Frame	-	F56C
Horsepower	-	.75
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	2.6/1.3

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL40
Motor Bore Size	-	5/8
Fan Sheave Size	-	7 3/4
Fan Sheave Bore	-	1 1/8 est
Belt CL Distance	-	15.5"
Num of Belts	-	1
Belt Size	-	11A1220
Belt Alignment Verified	-	GOOD

Test Data		
	Design	Actual
CFM	-	
SF RPM	-	
Motor RPM	-	

General		
	Design	Actual
Fan Rotation Correct	-	

# National TAB

Project: 04-15-24 RUSTY KEG



## System/Unit: Kitchen Hood Type I

Asset: HD1

AREA: OVENS-LEFT

Unit Data		
	Design	Actual
MFG	NA	HOODMART
Model Num	NA	HM-H-BMUA
Job / Serial Num	-	25340
Type	-	INTERNAL COMPENSATING
Hood length	-	108"
Hood Width	-	48"
Supply Plenum Type	-	SHORT CIRCUIT

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	20x16"
Filter Size 2	-	20x20"
Filter Qty 1	-	3
Filter Qty 2	-	3
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	2.68
Filter Total AK Area	-	14.28
Filter1 FPM	-	186
Filter2 FPM	-	154
Filter3 FPM	-	191
Filter4 FPM	-	191
Filter5 FPM	-	168
Filter6 FPM	-	160
Filter Ave FPM(corr)	-	175
CFM	-	2499

Cooking Equipment		
	Design	Actual
Item 1	-	CONV OVEN
Item 2	-	CONV OVEN
Item 3	-	RANGE

Test Data Supply		
	Design	Actual
Total AK Area	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	-	

# National TAB

Project: 04-15-24 RUSTY KEG

## System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:PIZZA

Unit Data		
	Design	Actual
MFG	HOODMART	HOODMART
Model Num	HM-H-BMUA	HM-H-BMUA
Job / Serial Num	-	25340
Type	-	TYPE II
Hood length	-	108"
Hood Width	-	48"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	20x16"
Filter Size 2	-	20x20"
Filter Qty 1	-	3
Filter Qty 2	-	3
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	2.68
Filter Total AK Area	-	14.28
Filter1 FPM	-	148
Filter2 FPM	-	175
Filter3 FPM	-	211
Filter4 FPM	-	209
Filter5 FPM	-	176
Filter6 FPM	-	157
Filter Ave FPM(corr)	-	179
CFM	-	2556

Cooking Equipment		
	Design	Actual
Item 1	-	COMBI-STEAMER
Item 2	-	CONV PIZZA

# National TAB

Project: 04-15-24 RUSTY KEG



## System/Unit: Kitchen Hood Type I

Asset: HD3

AREA:FRYER/GRILLS

Unit Data		
	Design	Actual
MFG	NA	LARKIN
Model Num	NA	FO 096048
Job / Serial Num	-	NL
Type	-	TYPE I
Hood length	-	144"
Hood Width	-	51"
Supply Plenum Type	-	SHORT CIRCUIT

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	20x2"
Filter Size 2	-	20x16"
Filter Qty 1	-	4
Filter Qty 2	-	4
Filter AK factor size 1	-	2.68
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	19.04
Filter1 FPM	-	111
Filter2 FPM	-	164
Filter3 FPM	-	221
Filter4 FPM	-	279
Filter5 FPM	-	282
Filter6 FPM	-	181
Filter7 FPM	-	109
Filter8 FPM	-	114
Filter Ave FPM(corr)	-	183
CFM	-	3484

Cooking Equipment		
	Design	Actual
Item 1	-	FRYER
Item 2	-	FRYER
Item 3	-	FRYER
Item 4	-	GRIDDLE
Item 5	-	OVEN

Test Data Supply		
	Design	Actual
Total AK Area	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	-	

# National TAB

Project: 04-15-24 RUSTY KEG

System/Unit: AHU/RTU



Asset: RTU1

AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	NA	BRYANT
Serial Num	-	[1]
Model Num	NA	530JP12D22[1]
Type	-	DX-GAS HEAT
Configuration	-	DOWN

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56HZ
Horsepower	-	-
Motor Rpm	-	1450
Phase	-	3
Rated Voltage	-	208-230/460
Rated Amperage	-	10.2/4.8

Test Data		
	Design	Actual
OA CFM	-	0
Min OA Damper Position	-	NONE
Min OA Damper Type	-	NONE

General		
	Design	Actual
Fan Rotation Correct	-	CORRECT
Unit Filters Clean	-	40% LOADED
Condensate Drain Installed	-	CORRECT

Notes:

[1] EXISTING HARD TO READ, MAY NOT BE EXACT

Written By: Joe Hertenstein on 04/17/2024

# National TAB

Project: 04-15-24 RUSTY KEG

System/Unit: AHU/RTU



Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	ICP	ICP
Serial Num	-	P182540080
Model Num	RGS	RGS090HECAYAA
Configuration	-	DOWN

Motor Data		
	Design	Actual
Horsepower	-	-
Phase	-	3
Rated Voltage	-	208/230
Rated Amperage	-	8.6/7.8

Test Data		
	Design	Actual
OA Damper Position	-	NONE
OA Damper Type	-	NONE

General		
	Design	Actual
Unit free of Damage	-	YES
Curb & Unit Installed Air Tight	-	YES
Condensor Coil Clean	-	YES
Condensor Fins Straight	-	YES
Condensate Drain Installed	-	YES

Notes:  
MOTOR DATA FROM UNIT TAG

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# National TAB

Project: 04-15-24 RUSTY KEG

System/Unit: AHU/RTU



Asset: RTU3

AREA: BANQUET RM

Unit Data		
	Design	Actual
MFG	ICP	ICP
Serial Num	-	580JP12D224G2A
Model Num	RGS	***P12D2246.. [1]
Configuration	-	DOWN

Motor Data		
	Design	Actual
Horsepower	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	

Test Data		
	Design	Actual
OA Damper Position	-	NONE
OA Damper Type	-	NONE

General		
	Design	Actual
Unit free of Damage	-	
Curb & Unit Installed Air Tight	-	
Fan Belt Condition	-	
Unit Filters Clean	-	
Evap Coil Clean	-	
Evap Coil Free of Frost	-	
Condensor Coil Clean	-	
Condensor Fins Straight	-	
Condensate Drain Installed	-	

Notes:

[1] UNIT LABEL HARD TO READ. MAY NOT BE EXACTLY ACCURATED

Written By: Joe Hertenstein on 04/17/2024