

Report By:

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



Report: TAB REPORT
Function: Test, Adjust, & Balance
Date: 10/17/2023

PROJECT

10-16-23 TRUE FOOD - SANTA MONICA, CA

395 SANTA MONICA PLACE

SANTA MONICA, CA 90401

Client

True Food Kitchen
4455 E Camelback Rd, Ste B100

Phoenix, AZ 85018



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Project: 10-16-23 TRUE FOOD - SANTA MONICA, CA

System/Unit: FAN - Exhaust

Asset: EF1

AREA:HOODS 1,2,3

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	BI22CARM	USB124DD-RM
Serial Num	-	2785643
Type	UTILITY	UTILITY
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	NA
Horsepower	5	7.5
Motor Rpm	-	1180
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	9.6
Service Factor	-	NL

Drive Data		
	Design	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

Test Data		
	Design	Actual
CFM	6400	4144
Fan RPM	1390	70HZ
Fan Rotation	-	CCW
Motor RPM	-	70HZ
RL Voltage	-	465/467/466
RL Amperage	-	6.2/6.3/6.0
Suction ESP	-	-3.49"
Discharge ESP	-	ATM
Total ESP	2.5"	3.49"

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Project: 10-16-23 TRUE FOOD - SANTA MONICA, CA

System/Unit: FAN - Supply

Asset: MAU1

AREA:COOKLINE

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	INLINE3-G18	INLINE3-G18
Serial Num	-	1236964
Type	MAU	MUA
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	HSSA
Frame	-	56HZ
Horsepower	3	2
Motor Rpm	-	1740
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	2.8
Service Factor	-	1.15

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Fan Sheave Size	-	9"
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	19.5"
Num of Belts	-	2
Belt Size	-	BX56
Belt Alignment Verified	-	VERIFIED

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	N/A
Flame Status (pass/fail)	-	N/A
Inlet Air Temp SetPt	55	N/A
Discharge Air Temp SetPt	60	N/A
Air Flow Switch SP Actual	-	N/A

Test Data		
	Design	Actual
CFM	5120	3487
SF RPM	700	699
Motor RPM	-	1755
RL Voltage	-	NA
RL Amperage	-	NA
Total ESP	-	1.06"
Fan Discharge SP	-	0.35"

General		
	Design	Actual
Fan Rotation Correct	-	YES

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Project: 10-16-23 TRUE FOOD - SANTA MONICA, CA

System/Unit: Kitchen Hood Type I

Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	NA	NL
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	126"
Hood Width	-	60"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	-	10"
Supply Plenum Length	-	126"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLED
Filter Size 1	-	16X25
Filter Size 2	-	16X20
Filter Qty 1	-	1
Filter Qty 2	-	5
Filter AK factor size 1	-	2.66
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	13.06
Filter1 FPM	-	125
Filter2 FPM	-	129
Filter3 FPM	-	153
Filter4 FPM	-	194
Filter5 FPM	-	141
Filter6 FPM	-	128
Filter7 FPM	-	115
Filter Ave FPM(corr)	-	140
CFM	-	1828

Cooking Equipment		
	Design	Actual
Item 1	-	GRILL
Item 2	-	FLAT TOP GRILL
Item 3	-	
Item 4	-	
Item 5	-	

Test Data Supply		
	Design	Actual
Total AK Area	-	9.4
Kv factor (Vel)	-	0.89
Num of Readings	-	12
Reading1 FPM	-	60
Reading2 FPM	-	104
Reading3 FPM	-	68
Reading4 FPM	-	51
Reading5 FPM	-	29
Reading6 FPM	-	128
Reading7 FPM	-	99
Reading8 FPM	-	74
Reading9 FPM	-	118
Reading10 FPM	-	144
Reading11 FPM	-	178
Reading12 FPM	-	152
Ave FPM(corr)	-	100.4
CFM	-	840

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Project: 10-16-23 TRUE FOOD - SANTA MONICA, CA

System/Unit: Kitchen Hood Type I

Asset: HD2

AREA:

Unit Data		
	Design	Actual
MFG	NA	NL
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	121"
Hood Width	-	60"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	-	10"
Supply Plenum Length	-	121"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLED
Filter Size 1	-	16X16
Filter Size 2	-	16X20
Filter Qty 1	-	2
Filter Qty 2	-	4
Filter AK factor size 1	-	1.62
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	11.56
Filter1 FPM	-	129
Filter2 FPM	-	129
Filter3 FPM	-	130
Filter4 FPM	-	140
Filter5 FPM	-	109
Filter6 FPM	-	96
Filter Ave FPM(corr)	-	122
CFM	-	1410

Cooking Equipment		
	Design	Actual
Item 1	-	STOVE RANGE
Item 2	-	SMALL BURNER
Item 3	-	WOK BURNER
Item 4	-	
Item 5	-	

Test Data Supply		
	Design	Actual
Total AK Area	-	7.2
Kv factor (Vel)	-	0.89
Num of Readings	-	12
Reading1 FPM	-	72
Reading2 FPM	-	25
Reading3 FPM	-	57
Reading4 FPM	-	175
Reading5 FPM	-	122
Reading6 FPM	-	91
Reading7 FPM	-	136
Reading8 FPM	-	156
Reading9 FPM	-	71
Reading10 FPM	-	289
Reading11 FPM	-	98
Reading12 FPM	-	170
Ave FPM(corr)	-	122
CFM	-	782

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Project: 10-16-23 TRUE FOOD - SANTA MONICA, CA

System/Unit: Kitchen Hood Type I

Asset: HD3

AREA:

Unit Data		
	Design	Actual
MFG	NA	NL
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	108"
Hood Width	-	60"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	-	10"
Supply Plenum Length	-	108"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLED
Filter Size 1	-	16X16
Filter Size 2	-	16X20
Filter Qty 1	-	5
Filter Qty 2	-	1
Filter AK factor size 1	-	1.62
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	10.18
Filter1 FPM	-	93
Filter2 FPM	-	80
Filter3 FPM	-	98
Filter4 FPM	-	79
Filter5 FPM	-	90
Filter6 FPM	-	95
Filter Ave FPM(corr)	-	89
CFM	-	906

Cooking Equipment		
	Design	Actual
Item 1	-	PIZZA OVEN
Item 2	-	STOVE RANGE
Item 3	-	
Item 4	-	
Item 5	-	

Test Data Supply		
	Design	Actual
Total AK Area	-	7.2
Kv factor (Vel)	-	0.89
Num of Readings	-	12
Reading1 FPM	-	101
Reading2 FPM	-	128
Reading3 FPM	-	159
Reading4 FPM	-	98
Reading5 FPM	-	142
Reading6 FPM	-	132
Reading7 FPM	-	106
Reading8 FPM	-	145
Reading9 FPM	-	179
Reading10 FPM	-	157
Reading11 FPM	-	158
Reading12 FPM	-	139
Ave FPM(corr)	-	137
CFM	-	880

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