

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: AHU/RTU



Asset: RTU1

AREA:DINING/ENTRY

Unit Data		
	Design	Actual
MFG	NA	TRANE
Serial Num	-	925100593D
Model Num	NA	YCD301C4LACA
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	MISSING
OA Filter Size 1	-	MISSING
Num Final Filter 1	-	4
Final Filter Size 1	-	20x20x2
Num Final Filter 2	-	4
Final Filter Size 2	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	184T
Horsepower	-	5.0
Motor Rpm	-	3465
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	8.72

Drive Data	
	Actual
Motor Sheave Size	1VP50
Motor Bore Size	1 1/8"
Motor Sheave SetPt	1.0 TURN OPEN
Fan Sheave Size	BK190
Fan Sheave Bore	1 3/16"
Belt CL Distance	21 1/2"
Num of Belts	1
Belt Size	BX81
Belt Alignment	CORRECT

Test Data		
	Design	Actual
SF CFM	9000	8638
SF RPM	-	869
RA CFM	7800	7490
OA CFM	1200	1148
RL Voltage	-	476/479/478
RL Amperage	-	5.6/5.8/5.7
SF Rotation	-	CCW
Min OA Damper Position	-	3/4"
Min OA Damper Type	-	SINGLE BLADE
OA Enthalpy Setpt	-	E

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.38"
Fan Suction SP	-	-0.74"
Fan Discharge SP	-	0.49"
Total ESP	-	0.87"
Fan Total SP	-	1.23"

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

Completed By: Wesley John on 09/24/2024

Notes:  
UNABLE TO REACH SUPPLY GRILLES/DUCT TO MEASURE. MEASURED SUPPLY VIA ECONOMIZER.

Written By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: AHU/RTU



Asset: RTU2

AREA: DINING/RESTROOMS

Unit Data		
	Design	Actual
MFG	NA	TRANE
Serial Num	-	925100530D
Model Num	NA	YCD301C4LACA
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	MISSING
OA Filter Size 1	-	MISSING
Num Final Filter 1	-	4
Final Filter Size 1	-	20x20x2
Num Final Filter 2	-	4
Final Filter Size 2	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	184T
Horsepower	-	5.0
Motor Rpm	-	3465
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	8.72

Drive Data	
	Actual
Motor Sheave Size	1VP50
Motor Bore Size	1 1/8"
Motor Sheave SetPt	1 TURN OPEN
Fan Sheave Size	BK190
Fan Sheave Bore	1 3/16"
Belt CL Distance	21 1/2"
Num of Belts	1
Belt Size	BX81
Belt Alignment	CORRECT

Test Data		
	Design	Actual
SF CFM	9000	8552
SF RPM	-	865
RA CFM	7800	7380
OA CFM	1200	1172
RL Voltage	-	481/483/482
RL Amperage	-	5.9/6.2/6.1
SF Rotation	-	CCW
Min OA Damper Position	-	3/4"
Min OA Damper Type	-	SINGLE BLADE
OA Enthalpy Setpt	-	E

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.63"
Fan Suction SP	-	-0.91"
Fan Discharge SP	-	0.38"
Total ESP	-	1.01"
Fan Total SP	-	1.29"

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

Completed By: Wesley John on 09/24/2024

Notes:  
UNABLE TO REACH SUPPLY GRILLES/DUCT TO MEASURE. MEASURED SUPPLY VIA ECONOMIZER.

Written By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: AHU/RTU



Asset: RTU3

AREA:DINING

Unit Data		
	Design	Actual
MFG	NA	TRANE
Serial Num	-	17021238JA
Model Num	NA	GAD300A4EHA
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	MISSING
OA Filter Size 1	-	MISSING
Num Final Filter 1	-	8
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	184TZ
Horsepower	-	7.5
Motor Rpm	-	3465
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	8.67

Drive Data	
	Actual
Motor Sheave Size	1VP50
Motor Bore Size	1 1/8"
Motor Sheave SetPt	1 TURN OPEN
Fan Sheave Size	BK140
Fan Sheave Bore	1 7/16"
Belt CL Distance	14 3/4"
Num of Belts	1
Belt Size	BX56
Belt Alignment	CORRECT

Test Data		
	Design	Actual
SF CFM	9000	9412
SF RPM	-	1071
RA CFM	7800	9412
OA CFM	1200	0
RL Voltage	-	480/479/480
RL Amperage	-	7.6/7.6/7.8
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	CLOSED
Min OA Damper Type	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.41"
Fan Suction SP	-	-0.85"
Fan Discharge SP	-	0.70"
Total ESP	-	1.11"
Fan Total SP	-	1.55"

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

Completed By: Wesley John on 09/24/2024

Notes:

UNABLE TO REACH SUPPLY GRILLES/DUCT TO MEASURE. MEASURED SUPPLY VIA RETURN AIR OPENING INSIDE UNIT.

Written By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: AHU/RTU



Asset: RTU4

AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	NA	TRANE
Serial Num	-	234310326D
Model Num	NA	YSJ300A4S0L02D
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	18X80
Num Final Filter 1	-	8
Final Filter Size 1	-	20x24x2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	(2) 5.0
Motor Rpm	-	NL
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	(2) 5.5

Test Data		
	Design	Actual
SF CFM	10000	10141
SF RPM	-	DIRECT DRIVE
RA CFM	8800	8902
OA CFM	1200	1239
RL Voltage	-	480/482/481
RL Amperage	-	7.9/7.6/7.7
SF Rotation	-	CCW
SF System SetPt	-	100%
RA Damper Position	-	87%
Min OA Damper Position	-	13%
Min OA Damper Type	-	SINGLE BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.52"
Fan Suction SP	-	-1.56"
Fan Discharge SP	-	0.56"
Total ESP	-	1.08"
Fan Total SP	-	2.12"

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

Completed By: Wesley John on 09/24/2024

Notes:  
SUPPLY FAN SPEED SET POINT 100%.

Written By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: FAN - Exhaust



Asset: EF7

AREA: CUSTOMER RESTROOM

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DDIIFA	DR10HFA
Serial Num	-	3872739
Type	-	CENTRIFUGAL
Configuration	-	DOWNBLAST

Test Data		
	Design	Actual
CFM	1000	391
Fan RPM	-	1550
Fan Rotation	-	CCW
Motor RPM	-	1550
System SetPt	-	HIGH
RL Voltage	-	121
RL Amperage	-	0.50
Total ESP	-	0.31"
Fan Inlet SP	-	-0.31"
Fan Discharge SP	-	ATM

Motor Data		
	Design	Actual
Motor MFG	-	HSSA
Frame	-	NL
Horsepower	-	1/15
Motor Rpm	-	1550
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	0.94
Service Factor	-	NL

Completed By: Wesley John on 09/24/2024

Notes:

FAN OPERATING AT 39%. ORIGINAL PLANS CALL FOR 1/3 HP MOTOR. ACTUAL FAN HAS 1/15 HP MOTOR.

Written By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: FAN - Exhaust



Asset: EF8

AREA:EMPLOYEE RESTROOM

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR10FA	DR10HFA
Serial Num	-	3872739
Type	-	CENTRIFUGAL
Configuration	-	DOWNBLAST

Motor Data		
	Design	Actual
Motor MFG	-	HSSA
Frame	-	NL
Horsepower	-	1/15
Motor Rpm	-	1550
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	0.94
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	200	191
Fan RPM	-	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	HIGH
RL Voltage	-	121
RL Amperage	-	0.8
Total ESP	-	0.31"
Fan Inlet SP	-	-0.31"
Fan Discharge SP	-	ATM

Completed By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: FAN - Exhaust



Asset: KEF1

AREA:HOOD-1

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	NCA18HPFA	NCA18HPFA
Serial Num	-	NOT LEGIBLE
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	D56
Horsepower	-	1.5
Motor Rpm	-	1730
Phase	-	3
Voltage (rated)	-	460
Amperage (rated)	-	2.25
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	2575	3091
Fan RPM	-	1698
Fan Rotation	-	CCW
Motor RPM	-	1323
RL Voltage	-	476/476/478
RL Amperage	-	2.3/2.3/2.3
Total ESP	-	1.84"
Fan Inlet SP	-	-1.84"
Fan Discharge SP	-	ATM

Completed By: Wesley John on 09/24/2024

Notes:

FAN PULLEY IS ADJUSTABLE AS WELL AS MOTOR PULLEY. FAN IS OVER AMPING SLIGHTLY BUT WELL WITHIN SERVICE FACTOR.

Written By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: FAN - Exhaust



Asset: KEF2

AREA:HOOD-2

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	NCA18HPFA	DU180HFA
Serial Num	-	6039774
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	184T
Horsepower	-	2.0
Motor Rpm	-	1165
Phase	-	3
Voltage (rated)	-	460
Amperage (rated)	-	3.76
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	3540	2544
Fan RPM	-	835
Fan Rotation	-	CCW
Motor RPM	-	835
System SetPt	-	43.0 Hz
RL Voltage	-	167 VFD
RL Amperage	-	1.7 VFD
Total ESP	-	1.42"
Fan Inlet SP	-	-1.42"
Fan Discharge SP	-	ATM

Completed By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: FAN - Exhaust



Asset: KEF3

AREA:HOOD-3

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	NCA18HPFA	NCA16HPFA
Serial Num	-	869492
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	E56
Horsepower	-	1.0
Motor Rpm	-	1720
Phase	-	3
Voltage (rated)	-	460
Amperage (rated)	-	1.70
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	1900	1699
Fan RPM	-	1055
Fan Rotation	-	CCW
Motor RPM	-	1747
RL Voltage	-	477/477/478
RL Amperage	-	1.5/1.5/1.4
Total ESP	-	1.06"
Fan Inlet SP	-	-1.06"
Fan Discharge SP	-	ATM

Completed By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: FAN - Exhaust



Asset: KEF4

AREA:HOOD-4

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	NCA16FA	NCA16FA
Serial Num	-	869492
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	E56
Horsepower	-	2.0
Motor Rpm	-	1710
Phase	-	3
Voltage (rated)	-	460
Amperage (rated)	-	3.10
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	2885	2384
Fan RPM	-	[1]
Fan Rotation	-	CCW
Motor RPM	-	[1]
RL Voltage	-	476/478/476
RL Amperage	-	2.4/2.3/2.5
Total ESP	-	[1]
Fan Inlet SP	-	[1]
Fan Discharge SP	-	[1]

Completed By: Wesley John on 09/24/2024

Notes:

[1] ACTIVELY COOKING UNDER HOOD-4. LARGE AMOUNT OF SMOKE COMING FROM KEF-4. UNABLE TO OBTAIN RPMs AND STATIC PRESSURE READINGS.

Written By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: FAN - Exhaust



Asset: KEF5

AREA:HOOD-5

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	HRE-20	CASRE24DD
Serial Num	-	3192603
Type	-	CENTRIFUGAL
Configuration	-	UTILITY

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	5.0
Motor Rpm	-	NL
Phase	-	3
Voltage (rated)	-	460
Amperage (rated)	-	7.2
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	4325	3323
Fan RPM	-	[1]
Fan Rotation	-	CCW
Motor RPM	-	[1]
System SetPt	-	[1]
RL Voltage	-	[1]
RL Amperage	-	[1]
Total ESP	-	[2]
Fan Inlet SP	-	[2]
Fan Discharge SP	-	[2]

Completed By: Wesley John on 09/24/2024

Notes:

[1] UNABLE TO REMOVE COVER TO CHECK VFD FOR SET POINT AND RETRIEVE AMPS/VOLTS.

[2] UTILITY SET FAN. UNABLE TO HINGE TO GET SUCTION STATIC PRESSURE.

Written By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: FAN - Exhaust



Asset: KEF6

AREA:HOOD-6

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DU75HFA	DU75HFA
Serial Num	-	869492
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	HSSA
Frame	-	48Y
Horsepower	-	0.75
Motor Rpm	-	1625
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	7.2
Service Factor	-	1.0

Test Data		
	Design	Actual
CFM	1575	1621
Fan RPM	-	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	HIGH
RL Voltage	-	120
RL Amperage	-	6.4
Total ESP	-	0.73"
Fan Inlet SP	-	-0.73"
Fan Discharge SP	-	ATM

Completed By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: FAN - Supply



Asset: MUA1

AREA:HOODS

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	A5-925
Serial Num	-	869492
Type	-	MUA
Configuration	-	VERTICAL DISCHARGE

Test Data		
	Design	Actual
CFM	13650	13727
SF RPM	-	549
Motor RPM	-	1779
RL Voltage	-	480/480/480
RL Amperage	-	7.2/6.9/7.1

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	215T
Horsepower	-	10.0
Motor Rpm	-	1755
Phase	-	3
Voltage (rated)	-	460
Amperage (rated)	-	12.2
Service Factor	-	1.15

General	
	Actual
Fan Rotation Correct	YES

Completed By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:COOKLINE

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	154"
Hood Width	-	54"
Supply Plenum Type	-	PSP
Supply Plenum Width	-	12"
Supply Plenum Length	-	154"

Test Data Supply		
	Design	Actual
Total AK Area	-	12.83
Kv factor (Vel)	-	0.87
Num of Readings	-	12
Reading1 FPM	-	220
Reading2 FPM	-	230
Reading3 FPM	-	240
Reading4 FPM	-	215
Reading5 FPM	-	250
Reading6 FPM	-	210
Reading7 FPM	-	235
Reading8 FPM	-	225
Reading9 FPM	-	200
Reading10 FPM	-	240
Reading11 FPM	-	260
Reading12 FPM	-	210
Ave FPM(corr)	-	228
CFM	-	2545

Test Data Exhaust		
	Design	Actual
Filter Type	-	CAPTRATE SOLO
Filter Size 1	-	16x20
Filter Size 2	-	20x20
Filter Qty 1	-	5
Filter Qty 2	-	3
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	2.68
Filter Total AK Area	-	[1] 19.94
Filter1 FPM	-	150
Filter2 FPM	-	145
Filter3 FPM	-	160
Filter4 FPM	-	155
Filter5 FPM	-	165
Filter6 FPM	-	140
Filter7 FPM	-	170
Filter8 FPM	-	150
Filter Ave FPM(corr)	-	155
CFM	2575	3091

Cooking Equipment	
	Actual
Item 1	FRYERS
Item 2	RICE COOKER

Completed By: Wesley John on 09/24/2024

Notes:

[1] 12x18 OPEN SPACE IN FILTER BANK. FILTER MISSING. OPEN SPACE FACTORED INTO TOTAL AREA.

Written By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:COOKLINE

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	154"
Hood Width	-	54"
Supply Plenum Type	-	PSP
Supply Plenum Width	-	12"
Supply Plenum Length	-	154"

Test Data Supply		
	Design	Actual
Total AK Area	-	12.83
Kv factor (Vel)	-	0.87
Num of Readings	-	12
Reading1 FPM	-	230
Reading2 FPM	-	225
Reading3 FPM	-	240
Reading4 FPM	-	210
Reading5 FPM	-	235
Reading6 FPM	-	250
Reading7 FPM	-	215
Reading8 FPM	-	245
Reading9 FPM	-	200
Reading10 FPM	-	215
Reading11 FPM	-	235
Reading12 FPM	-	220
Ave FPM(corr)	-	227
CFM	-	2534

Test Data Exhaust		
	Design	Actual
Filter Type	-	CAPTRATE SOLO
Filter Size 1	-	16x20
Filter Size 2	-	20x20
Filter Qty 1	-	6
Filter Qty 2	-	3
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	2.68
Filter Total AK Area	-	20.52
Filter1 FPM	-	120
Filter2 FPM	-	130
Filter3 FPM	-	115
Filter4 FPM	-	125
Filter5 FPM	-	135
Filter6 FPM	-	110
Filter7 FPM	-	120
Filter8 FPM	-	140
Filter9 FPM	-	115
Filter Ave FPM(corr)	-	124
CFM	3540	2544

Cooking Equipment	
	Actual
Item 1	FRYER
Item 2	RICE COOKER
Item 3	RANGE

Completed By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: Kitchen Hood Type I



Asset: HD3

AREA:COOKLINE

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	114"
Hood Width	-	60"
Supply Plenum Type	-	PSP
Supply Plenum Width	-	12"
Supply Plenum Length	-	114"

Test Data Supply		
	Design	Actual
Total AK Area	-	9.50
Kv factor (Vel)	-	0.87
Num of Readings	-	9
Reading1 FPM	-	210
Reading2 FPM	-	225
Reading3 FPM	-	220
Reading4 FPM	-	215
Reading5 FPM	-	230
Reading6 FPM	-	212
Reading7 FPM	-	218
Reading8 FPM	-	225
Reading9 FPM	-	205
Ave FPM(corr)	-	218
CFM	-	1802

Test Data Exhaust		
	Design	Actual
Filter Type	-	CAPTRATE SOLO
Filter Size 1	-	16x20
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	-	115
Filter2 FPM	-	123
Filter3 FPM	-	117
Filter4 FPM	-	121
Filter5 FPM	-	118
Filter6 FPM	-	122
Filter Ave FPM(corr)	-	119
CFM	1900	1699

Cooking Equipment	
	Actual
Item 1	OVEN X3

Completed By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: Kitchen Hood Type I



Asset: HD4

AREA:COOKLINE

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	172"
Hood Width	-	54"
Supply Plenum Type	-	PSP
Supply Plenum Width	-	12"
Supply Plenum Length	-	172"

Test Data Supply		
	Design	Actual
Total AK Area	-	14.33
Kv factor (Vel)	-	0.87
Num of Readings	-	14
Reading1 FPM	-	195
Reading2 FPM	-	205
Reading3 FPM	-	198
Reading4 FPM	-	202
Reading5 FPM	-	190
Reading6 FPM	-	210
Reading7 FPM	-	198
Reading8 FPM	-	197
Reading9 FPM	-	204
Reading10 FPM	-	196
Reading11 FPM	-	201
Reading12 FPM	-	193
Reading13 FPM	-	199
Reading14 FPM	-	200
Ave FPM(corr)	-	199
CFM	-	2482

Test Data Exhaust		
	Design	Actual
Filter Type	-	CAPTRATE SOLO
Filter Size 1	-	16x20
Filter Size 2	-	20x20
Filter Qty 1	-	2
Filter Qty 2	-	7
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	2.68
Filter Total AK Area	-	22.92
Filter1 FPM	-	140
Filter2 FPM	-	145
Filter3 FPM	-	150
Filter4 FPM	-	151
Filter5 FPM	-	155
Filter6 FPM	-	144
Filter7 FPM	-	149
Filter8 FPM	-	142
Filter9 FPM	-	138
Filter Ave FPM(corr)	-	145
CFM	2885	2384

Cooking Equipment	
	Actual
Item 1	GRIDDLE
Item 2	CHARGRILL
Item 3	RANGE
Item 4	SALAMANDER

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# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: Kitchen Hood Type I



Asset: HD5

AREA:COOKLINE

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	172"
Hood Width	-	54"
Supply Plenum Type	-	PSP
Supply Plenum Width	-	12"
Supply Plenum Length	-	172"

Test Data Supply		
	Design	Actual
Total AK Area	-	14.33
Kv factor (Vel)	-	0.87
Num of Readings	-	14
Reading1 FPM	-	205
Reading2 FPM	-	198
Reading3 FPM	-	202
Reading4 FPM	-	197
Reading5 FPM	-	201
Reading6 FPM	-	193
Reading7 FPM	-	206
Reading8 FPM	-	199
Reading9 FPM	-	192
Reading10 FPM	-	207
Reading11 FPM	-	200
Reading12 FPM	-	195
Reading13 FPM	-	204
Reading14 FPM	-	195
Ave FPM(corr)	-	199
CFM	-	2482

Test Data Exhaust		
	Design	Actual
Filter Type	-	CAPTRATE SOLO
Filter Size 1	-	16x20
Filter Size 2	-	20x20
Filter Qty 1	-	2
Filter Qty 2	-	7
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	2.68
Filter Total AK Area	-	22.92
Filter1 FPM	-	140
Filter2 FPM	-	150
Filter3 FPM	-	145
Filter4 FPM	-	147
Filter5 FPM	-	142
Filter6 FPM	-	148
Filter7 FPM	-	135
Filter8 FPM	-	155
Filter9 FPM	-	140
Filter Ave FPM(corr)	-	145
CFM	4325	3323

Cooking Equipment	
	Actual
Item 1	GRIDDLE
Item 2	CHARGRILL
Item 3	RANGE
Item 4	SALAMANDER

Completed By: Wesley John on 09/24/2024

# National TAB

Project: 09-09-24 YARD HOUSE - SAN ANTONIO, TX

System/Unit: Kitchen Hood Type II



Asset: HD(Type2)6

AREA:DISHWASHER

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	NL
Serial Num	-	NL
Type	-	TYPE II CANOPY
Hood length	-	108"
Hood Width	-	48"

Test Data		
	Design	Actual
Exhaust CFM	1575	1621

Completed By: Wesley John on 09/24/2024