

National TAB

Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC



System/Unit: AHU/RTU

Asset: EX RTU1

AREA:

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5602K00444
Model Num	LGA102HH3Y	LGA102HH3Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	23.375X14.375
Num Final Filter 1	-	4
Final Filter Size 1	-	18X24X2

Motor Data		
	Design	Actual
Motor MFG	-	EMERSON
Frame	-	56 HZ
Horsepower	2	2
Motor Rpm	1725	1725
Phase	3	3
Rated Voltage	208	208
Rated Amperage	7.6	7.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.5"
Motor Bore Size	-	0.875"
Motor Sheave SetPt	-	3 TO
Fan Sheave Size	-	AK63
Fan Sheave Bore	-	1"
Belt CL Distance	-	16"
Num of Belts	-	1
Belt Size	-	AX46
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	2720	2516
SF RPM	-	777
RA CFM	1720	1466
OA CFM	1000	1050
RL Voltage	-	212/213/211
RL Amperage	-	5.0/4.8/5.2
SF Rotation	-	CW
RA Damper Position	-	70%
Min OA Damper Position	-	30%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	D

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.29"
Fan Suction SP	-	-0.51"
Fan Discharge SP	-	0.45"
Total ESP	-	0.74"
Fan Total SP	-	0.96"

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	NO
Condensate Drain Installed	-	YES

Completed By: Antonio Flores-De La Cruz on 11/09/2023

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Project:11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

AHU/RTU



Diffuser Supply (GRD)

EX RTU1/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	NA	NA	175	1	338	187	187	106.9
SGRD2	DINING	NA	NA	175	1	245	184	184	105.1
SGRD3	DINING	NA	NA	590	1	448	456	469	79.5
SGRD4	DINING	NA	NA	590	1	563	598	560	94.9
SGRD5	DINING	NA	NA	595	1	518	550	556	93.4
SGRD6	DINING	NA	NA	595	1	543	568	560	94.1
Total				2720		2655	2543	2516	92.5%

Diffuser Ret/Exh (GRD)

EX RTU1/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	ENTRY	NA	NA	860	1	1060	1060	1060	123.3
EGRD2	ENTRY	NA	NA	860	1	937	937	937	109.0
Total				1720		1997	1997	1997	116.1%

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Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

System/Unit: AHU/RTU



Asset: EX RTU2

AREA:

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5615F08094
Model Num	LGH150S4BH4Y	LGH150S4BH4Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	23.375X14.375
Num Final Filter 1	-	4
Final Filter Size 1	-	-

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	184 TZ
Horsepower	5	5
Motor Rpm	1765	1765
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	15.8

Drive Data		
	Design	Actual
Motor Sheave Size	-	5"
Motor Bore Size	-	1"
Motor Sheave SetPt	-	1 TO
Fan Sheave Size	-	7.5"
Fan Sheave Bore	-	0.875"
Belt CL Distance	-	21"
Num of Belts	-	1
Belt Size	-	BX59
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	3800	3742
SF RPM	-	1076
RA CFM	3050	2955
OA CFM	750	787
RL Voltage	-	212/212/211
RL Amperage	-	8.6/8.6/8.4
SF Rotation	-	CW
RA Damper Position	-	20%
Min OA Damper Position	-	80%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	D

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.94"
Fan Suction SP	-	-1.08"
Fan Discharge SP	-	0.67"
Total ESP	-	1.61"
Fan Total SP	-	1.75"

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	NO
Condensate Drain Installed	-	YES

Completed By: Antonio Flores-De La Cruz on 11/09/2023

Notes:
SGRD2-10 TO SGRD2-12 ARE ON RTU-3

Written By: Antonio Flores-De La Cruz on 11/09/2023

National TAB

Project:11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

AHU/RTU



Diffuser Supply (GRD)

EX RTU2/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	KITCHEN	NA	NA	350	1	551			-
SGRD2	KITCHEN	NA	NA	350	1	470			-
SGRD3	KITCHEN	NA	NA	400	1	236			-
SGRD4	KITCHEN	NA	NA	150	1	429			-
SGRD5	KITCHEN	NA	NA	400	1	510			-
SGRD6	KITCHEN	NA	NA	400	1	419			-
SGRD7	KITCHEN	NA	NA	400	1	0			-
SGRD8	KITCHEN	NA	NA	300	1	572			-
SGRD9	KITCHEN	NA	NA	300	1	555			-
SGRD10	KITCHEN	NA	NA	250	1	0			-
SGRD11	KITCHEN	NA N	NA	250	1	0			-
SGRD12	KITCHEN	NA	NA	250	1	0			-
Total				3800		3742	0	0	0%

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Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC



System/Unit: AHU/RTU

Asset: EX RTU4

AREA:

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5602K00411
Model Num	LGA90HH2Y	LGA90HH2Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	23.125X14.5
Num Final Filter 1	-	4
Final Filter Size 1	-	18X24X2

Motor Data		
	Design	Actual
Motor MFG	-	EMERSON
Frame	-	56 HZ
Horsepower	2	2
Motor Rpm	1725	1725
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	7.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.75"
Motor Bore Size	-	0.875"
Motor Sheave SetPt	-	4 TO
Fan Sheave Size	-	AK69
Fan Sheave Bore	-	0.875"
Belt CL Distance	-	17"
Num of Belts	-	1
Belt Size	-	AX46
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	2400	2244
SF RPM	-	684
RA CFM	1800	1615
OA CFM	600	629
RL Voltage	-	210/211/211
RL Amperage	-	4.6/4.4/4.4
SF Rotation	-	CW
RA Damper Position	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	D

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.20"
Fan Suction SP	-	-0.31"
Fan Discharge SP	-	0.30"
Total ESP	-	0.50"
Fan Total SP	-	0.61"

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	NO
Condensate Drain Installed	-	YES

Completed By: Antonio Flores-De La Cruz on 11/09/2023

Notes:
DIFFUSER 1 ON RTU-5 DUCTED TO RTU-4. AIRFLOW IS 310 CFM.

Written By: Antonio Flores-De La Cruz on 11/09/2023

National TAB

Project:11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

AHU/RTU



Diffuser Supply (GRD)

EX RTU4/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	NA	NA	200	1	203	185	174	87.0
SGRD2	DINING	NA	NA	350	1	418	322	316	90.3
SGRD3	DINING	NA	NA	350	1	305	317	317	90.6
SGRD4	DINING	NA	NA	440	1	359	359	379	86.1
SGRD5	DINING	NA	NA	440	1	340	356	357	81.1
SGRD6	DINING	NA	NA	440	1	424	432	391	88.9
Total				2220		2049	1971	1934	87.12%

Diffuser Ret/Exh (GRD)

EX RTU4/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	DINING	NA	NA	200	1	114	120	120	60.0
Total				200		114	120	120	60%

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Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC



System/Unit: AHU/RTU

Asset: EX RTU5

AREA:

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5602J07687
Model Num	LGA060HH2Y	LGA060HH2Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	23.5X14.5
Num Final Filter 1	-	4
Final Filter Size 1	-	-

Motor Data		
	Design	Actual
Motor MFG	-	EMERSON
Frame	-	56 HZ
Horsepower	1.5	1.5
Motor Rpm	1725	1725
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	5.4

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.75"
Motor Bore Size	-	0.875"
Motor Sheave SetPt	-	2 TO
Fan Sheave Size	-	AK59
Fan Sheave Bore	-	1"
Belt CL Distance	-	15.5"
Num of Belts	-	1
Belt Size	-	A43
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	1750	1538
SF RPM	-	1016
RA CFM	1350	1113
OA CFM	400	425
RL Voltage	-	209/210/210
RL Amperage	-	3.2/3.3/3.3
SF Rotation	-	CCW
RA Damper Position	-	85%
Min OA Damper Position	-	15%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	D

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.31"
Fan Suction SP	-	-1.05"
Fan Discharge SP	-	0.54"
Total ESP	-	0.85"
Fan Total SP	-	-1.59"

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	NO
Condensate Drain Installed	-	YES

Completed By: Antonio Flores-De La Cruz on 11/09/2023

Notes:
DIFFUSER 1 ON RTU-5 DUCTED TO RTU-4. AIRFLOW IS 310 CFM.

Written By: Antonio Flores-De La Cruz on 11/09/2023

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Project:11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

AHU/RTU



Diffuser Supply (GRD)

EX RTU5/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	NA	NA	350	1	0	0	0	0.0
SGRD2	DINING	NA	NA	350	1	367	411	411	117.4
SGRD3	DINING	NA	NA	350	1	314	352	352	100.6
SGRD4	DINING	NA	NA	350	1	340	380	380	108.6
SGRD5	DINING	NA	NA	350	1	353	395	395	112.9
Total				1750		1374	1538	1538	87.89%

Diffuser Ret/Exh (GRD)

EX RTU5/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	DINING	NA	NA	450	1				-
EGRD2	DINING	NA	NA	450	1				-
Total				900		0	0	0	0%

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Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC



System/Unit: AHU/RTU

Asset: RTU3

AREA:

Unit Data		
	Design	Actual
MFG	LENNOX	TRANE
Serial Num	-	232614581L
Model Num	LGT072H4E	YSJ072A3S
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	35.75X15.5
Num Final Filter 1	-	3
Final Filter Size 1	-	16X24X2
Num Final Filter 2	-	2
Final Filter Size 2	-	18X24X2

Test Data		
	Design	Actual
SF CFM	1920	2003
SF RPM	-	45% POWER
RA CFM	1170	1214
OA CFM	750	789
RL Voltage	-	211/211/210
RL Amperage	-	0.9/0.9/1.0
SF Rotation	-	CCW
RA Damper Position	-	70%
Min OA Damper Position	-	30%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	D

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	-	3
Motor Rpm	-	-
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.8

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.09"
Fan Suction SP	-	-0.22"
Fan Discharge SP	-	0.13"
Total ESP	-	0.22"
Fan Total SP	-	0.35"

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	NO

Completed By: Antonio Flores-De La Cruz on 11/09/2023

Notes:
 SGRD2-10 TO SGRD2-12 ON RTU-3 EXISTING DUCT
 SGRD2-10: 250
 SGRD2-11: 217
 SGRD2-12: 224

Written By: Antonio Flores-De La Cruz on 11/09/2023

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Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

AHU/RTU



Diffuser Supply (GRD)

RTU3/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	NA	NA	296	1	397	365	260	87.8
SGRD2	DINING	NA	NA	296	1	401	363	259	87.5
SGRD3	DINING	NA	NA	296	1	0	0	0	0.0
SGRD4	DINING	NA	NA	296	1	374	279	198	66.9
SGRD5	DINING	NA	NA	295	1	390	352	250	84.7
SGRD6	DINING	NA	NA	296	1	443	340	242	81.8
SGRD7	DINING	NA	NA	145	1	286	146	103	71.0
Total				1920		2291	1845	1312	68.33%

Completed By: Antonio Flores-De La Cruz on 11/09/2023

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Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

System/Unit: FAN - Exhaust



Asset: EF1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU180HFA	DU180HFA
Serial Num	-	5956469
Type	UPBLAST	UPBLAST
Configuration	VERTIICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	WESTINGHOUSE
Frame	-	184T
Horsepower	2	2
Motor Rpm	1165	1165
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	7.51
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	2100	2187
Fan RPM	-	DD
Fan Rotation	-	CCW
Motor RPM	-	DD
System SetPt	-	59.3 Hz
RL Voltage	-	212/212/211
RL Amperage	-	5.8/5.8/5.9
Total ESP	1.75"	1.46"
Fan Inlet SP	-	-1.46"
Fan Discharge SP	-	ATM

Completed By: Antonio Flores-De La Cruz on 11/09/2023

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Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

System/Unit: FAN - Exhaust



Asset: EF2

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU50HFA	DU50HFA
Serial Num	-	5956469
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	0.50	0.50
Motor Rpm	1800	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	3.91
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	875	889
Fan RPM	-	DD
Fan Rotation	-	CCW
Motor RPM	-	DD
System SetPt	-	71% POWER
RL Voltage	-	120
RL Amperage	-	3.7
Total ESP	1.1"	0.93"
Fan Inlet SP	-	-0.93"
Fan Discharge SP	-	ATM

Completed By: Antonio Flores-De La Cruz on 11/09/2023

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Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

System/Unit: FAN - Exhaust



Asset: EX EF3

AREA:

Unit Data		
	Design	Actual
MFG	NA	JEN FAN
Model Num	NA	NBRTD14CF3724
Serial Num	-	B11985
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Frame	-	56
Horsepower	-	0.75
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	6.6
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	1531	1528
Fan RPM	-	1273
Fan Rotation	-	CCW
Motor RPM	-	1790
System SetPt	-	2 TO
RL Voltage	-	120
RL Amperage	-	2.1
Total ESP	-	0.23"
Fan Inlet SP	-	-0.23"
Fan Discharge SP	-	ATM

Completed By: Antonio Flores-De La Cruz on 11/09/2023

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Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

System/Unit: FAN - Exhaust



Asset: EX EF4

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	LOREN COOK	LOREN COOK
Model Num	100ACEH	100ACEH
Serial Num	-	050S177687-01/0001603
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	48Y
Horsepower	0.125	0.125
Motor Rpm	1600	1600
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	1.7
Service Factor	-	1

Test Data		
	Design	Actual
CFM	450	425
Fan RPM	-	DD
Fan Rotation	-	CCW
Motor RPM	-	DD
System SetPt	-	75% ON DIAL
RL Voltage	-	120
RL Amperage	-	1.5
Total ESP	-	0.13"
Fan Inlet SP	-	-0.13"
Fan Discharge SP	-	ATM

Completed By: Antonio Flores-De La Cruz on 11/09/2023

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Project:11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EX EF4/RESTROOMS

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	MENS RR	EX	-	225	1	85	135	215	95.6
EGRD2	WOMENS RR	EX	-	225	1	251	120	210	93.3
Total				450		336	255	425	94.44%

Completed By: Antonio Flores-De La Cruz on 11/07/2023

National TAB

Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

System/Unit: FAN - Supply



Asset: SF1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	SP-B90	SP-B90
Serial Num	-	5956469
Type	MUA	MUA
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	WESTINGHOUSE
Frame	-	145T
Horsepower	2	2
Motor Rpm	1740	1740
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	5.48
Service Factor	-	1.15

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	Y
Flame Status (pass/fail)	-	PASS
Inlet Air Temp SetPt	55	55
Discharge Air Temp SetPt	60	60
Air Flow Switch SP Actual	-	0.34"

Test Data		
	Design	Actual
CFM	1890	1775
SF RPM	-	DD
Motor RPM	-	DD
SF System SetPt	-	74.3 Hz
RL Voltage	-	212/212/211
RL Amperage	-	5.0/5.0/5.1
Total ESP	-	NA
Fan Discharge SP	-	NA

General		
	Design	Actual
Fan Rotation Correct	-	YES

Completed By: Antonio Flores-De La Cruz on 11/09/2023

National TAB

Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC



System/Unit: Kitchen Hood Type I

Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2	5424 ND-2
Job / Serial Num	-	5956469
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	144"	144"
Hood Width	54"	54"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	14"	14"
Supply Plenum Length	156"	156"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	16X16	16X16
Filter Qty 1	9	9
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	14.58	14.58
Filter1 FPM	-	135
Filter2 FPM	-	150
Filter3 FPM	-	166
Filter4 FPM	-	161
Filter5 FPM	-	173
Filter6 FPM	-	160
Filter7 FPM	-	140
Filter8 FPM	-	136
Filter9 FPM	-	136
Filter Ave FPM(corr)	-	150
CFM	2100	2187

Cooking Equipment		
	Design	Actual
Item 1	-	FRYER
Item 2	-	GRILL
Item 3	-	OVEN
Item 4	-	PRESSURE COOKER

Test Data Supply		
	Design	Actual
Total AK Area	-	15.2
Kv factor (Vel)	-	0.89
Num of Readings	-	9
Reading1 FPM	-	142
Reading2 FPM	-	126
Reading3 FPM	-	120
Reading4 FPM	-	141
Reading5 FPM	-	150
Reading6 FPM	-	121
Reading7 FPM	-	121
Reading8 FPM	-	122
Reading9 FPM	-	137
Ave FPM(corr)	-	131
CFM	1890	1775

Completed By: Antonio Flores-De La Cruz on 11/07/2023

National TAB

Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2	5424 ND-2
Job / Serial Num	-	5956469
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	-	180
Filter2 FPM	-	183
Filter3 FPM	-	184
Filter Ave FPM(corr)	-	182
CFM	875	889

Cooking Equipment		
	Design	Actual
Item 1	-	OVEN
Item 2	-	OVEN

Completed By: Antonio Flores-De La Cruz on 11/07/2023

National TAB

Project: 11-06-23 HOMEWARD KITCHEN - SOUTHERN PINES, NC

System/Unit: Kitchen Hood Type I



Asset: HD3

AREA:

Unit Data		
	Design	Actual
MFG	NA	HALTON
Model Num	NA	NA
Job / Serial Num	-	20241-1
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	-	105"
Hood Width	-	51"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLED
Filter Size 1	-	13X20
Filter Qty 1	-	5
Filter AK factor size 1	-	2.08
Filter Total AK Area	-	10.4
Filter1 FPM	-	155
Filter2 FPM	-	149
Filter3 FPM	-	139
Filter4 FPM	-	144
Filter5 FPM	-	148
Filter Ave FPM(corr)	-	147
CFM	1531	1528

Cooking Equipment		
	Design	Actual
Item 1	-	OVEN
Item 2	-	OVEN

Completed By: Antonio Flores-De La Cruz on 11/07/2023