Report By:

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

Report: TAB

Function: Test, Adjust, & Balance

Date: 12/04/2025

Completed By: National TAB

PROJECT

12-01-25 LAZY DOG NEWARK, CA (REVIVE)

3100 NEWPARK MALL

NEWARK , CA

Client

Lazy Dog Restaurants

3337 SUSAN ST

SUITE 100

COSTA MESA, CA

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

Table Of Contents

Project Summary

Initial Findings: The space was found to be negative upon arrival, measuring -0.0027" at the doors. When balancing the rooftop units (RTUs) were found to be in a variable air volume mode which will cause the space pressure to fluctuate throughout the day. RTU filters were very dirty and hood exhaust filters were very damaged.

Changes made: All of the RTUs were balanced to the designed 5000CFM supply and their respective outside air set points without issue. The thermostats were also changed to run in FAN ON during occupied hours and the times/dates were corrected so that the occupancy hours matched up to real time. The kitchen exhaust fans were found to be in design. The dish fan and employee restroom fan were found to be operating within design.

Issues: RTU filters are very dirty and Hood exhaust filters are very damaged.

Results/Recommendations: Once balancing was completed the space pressure increased to 0.008". Replacing RTU final filters and damaged hood filters is recommended.

Issue List

- DAMAGED HOOD FILTERS
- FINAL FILTERS ARE DIRTY

12-01-25 LAZY DOG NEWARK, CA (REVIVE)

Project Issue Information

Issue Name :	DAMAGED HOOD FILTERS		
Description :	Most if not all filters are damaged. Recommended to have hood filters replaced for proper operation and cleaning.		
Created By :	National TAB	**Assigned To :**	National TAB - Brianna Biggs
Status :	Open		
Priority :	Low	**Asset Tag :**	
Originated Date :	12/03/2025 - Zack Eismin - National TAB		

12-01-25 LAZY DOG NEWARK, CA (REVIVE)

Project Issue Information

Issue Name :	FINAL FILTERS ARE DIRTY		
Description :	All RTU's filters are dirty. recommended to have filters replaced.		
Created By :	National TAB	**Assigned To :**	National TAB - Brianna Biggs
Status :	Open		
Priority :	Low	**Asset Tag :**	
Originated Date :	12/08/2025 - Zack Eismin - National TAB		

NATIONAL TAB

AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
AC-1	KITCHEN/RR	5000	4843	3650	3522	1350	1321	27.0%	27.3%						
AC-2	DINING 2	5000	5115	3750	3844	1250	1271	25.0%	24.8%						
AC-3	BAR	5000	5043	3800	3810	1200	1233	24.0%	24.4%						
AC-4	DINING 1 & FO	5000	4877	3900	3740	1100	1137	22.0%	23.3%						
MUA-1	HD1 & HD2									3350	3394				
MUA-2	HD4, HD5, HD6 & HD7									7840	7821				
EF-1	HD1 & HD2											3800	3849		
EF-2	HD3											1400	1377		
EF-3	HD4											3200	3111		
EF-4	HD5											1800	1664		
EF-5	HD6											3500	3244		
EF-6	HD7											800	852		
EF-7	RESTROOM													700	753
EF-8	STAFF RR													100	93
TOTALS		20000	19878	15100	14916	4900	4962			11190	11215	14500	14097	800	846

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	16090	16177
TOTAL EXHAUST	15300	14943
NET AIRFLOW	790	1234

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.0071
SIDE	
REAR	0.0089
AVERAGE	**0.008**

FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✓

NOTES:

CheckList List

- STEP 1: INITIAL READINGS
- STEP 2: INITIAL WALKTHROUGH
- STEP 3: UNIT DATA AND EVAL
- STEP 4: TEST, ADJUST AND BALANCE
- STEP 5: FINAL TESTS

12-01-25 LAZY DOG NEWARK, CA (REVIVE)

CheckList Information

Name :	STEP 1: INITIAL READINGS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	12/02/2025 - Trinity Dodds - National TAB		
Completed Date :	12/08/2025 - Zack Eismin - National TAB		

CheckList Item Details

INITIAL BUILDING REVIEW:

What is the initial building pressure before making any changes?

Comment:

-0.0027"

Are thermostats programmed? Yes

Comment:

Are building pressure relief working properly?

Comment:

YES

INITIAL AIRFLOWS:

SUPPLY AC-1

Comment:

OA AC-1

Comment:

0

SUPPLY AC-2

Comment:

3059

OA AC-2

Comment:

0

SUPPLY AC-3

Comment:

3077

OA AC-3

Comment:

0

SUPPLY AC-4

Comment:

3111

OA AC-4

Comment:

0

EF-1

Comment:

3849

EF-2

Comment:

1377

EF-3

Comment:

3111

EF-4

Comment:

1664

EF-5	
Comment:	
3244	
EF-6	
Comment:	
852	
EF-7	
Comment:	
753	
EF-8	
Comment:	
93	
MUA-1	
Comment:	
3394	
MUA-2	Yes
Comment:	
7821	

12-01-25 LAZY DOG NEWARK, CA (REVIVE)

CheckList Information

Name :	STEP 2: INITIAL WALKTHROUGH	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	12/02/2025 - Trinity Dodds - National TAB		
Completed Date :	12/04/2025 - Zack Eismin - National TAB		

CheckList Item Details

INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design?	Yes
Comment:	
All hood filters installed and accounted for?	Yes
Comment:	
Hoods are wired and have power?	Yes
Comment:	
Hood is free of alarms?	Yes
Comment:	
Thermostats have power?	Yes
Comment:	

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

Comment:

YES

12-01-25 LAZY DOG NEWARK, CA (REVIVE)

CheckList Information

Name :	STEP 3: UNIT DATA AND EVAL	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	12/02/2025 - Trinity Dodds - National TAB		
Completed Date :	12/04/2025 - Zack Eismin - National TAB		

CheckList Item Details

UNIT DATA AND EVALUATION WHILE GATHERING UNIT DATA CHECK THE FOLLOWING:

RTU's/AHU's

Economizers are assembled and functional?	Yes
Comment:	
DCV Max damper opening position is set to minimum?	Yes
Comment:	
Free cooling enthalpy set point set for lowest setting (Typically "D")	N/A
Comment:	
Motors are all operating below the FLA rating?	Yes
Comment:	

Are belts tight?

Comment:

N/A

If direct drive unit is the speed controller working.

Comment:

YES

Is gas piping installed and valves turned on?	Yes

Comment:

Unit free of noticeable noise and vibration	Yes

Comment:

EF's

Rotation is correct?	Yes

Comment:

Belts are tight?

Comment:

Grease cup installed on hood fan?	Yes

Comment:

Hinge kit installed installed on hood fan?	Yes

Comment:

Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?	Yes

Comment:

Flex conduit is long enough so that fan can be completely tilted back?	Yes

Comment:

There is no major leakage around base of fan?	Yes

Comment:

Is the motor operating below the motor FLA rating?	Yes

Comment:

For restroom fan(s) is the back draft damper installed and can it fully open?	Yes
Comment:	
Unit free of noticeable noise and vibration?	No
Comment: SEVERAL EFS ARE RATTELING	
MUA	
Rotation is correct?	Yes
Comment:	
Gas piping is installed and valves are in on position?	Yes
Comment:	
Heater tested and is functional?	Yes
Comment: HEATER DOES NOT WORK ON MUA 1 BUT IS FUNCTIONAL ON MUA 2	
Internal motorized damper is fully opening?	Yes
Comment:	
Motor is operating below the FLA rating?	Yes
Comment:	
Unit free of noticeable noise and vibration?	Yes
Comment:	
HOODS	
Kitchen equipment installed in proper places?	Yes
Comment:	
Can kitchen equipment be turned on for final smoke test?	Yes
Comment:	

DOCUMENTATION

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?	
Comment:	

12-01-25 LAZY DOG NEWARK, CA (REVIVE)

CheckList Information

Name :	STEP 4: TEST, ADJUST AND BALANCE	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	12/02/2025 - Trinity Dodds - National TAB		
Completed Date :	12/04/2025 - Zack Eismin - National TAB		

CheckList Item Details

TEST, ADJUST, AND BALANCE ALL EQUIPMENT:

DURING TESTING MAKE NOTE OF THE FOLLOWING:

Is space free of drafting?	Yes
Comment:	
Is space comfortable in all areas?	Yes
Comment:	
Is the space free of ventilation noise?	Yes
Comment:	

If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".

Comment:

N/A

12-01-25 LAZY DOG NEWARK, CA (REVIVE)

CheckList Information

Name :	STEP 5: FINAL TESTS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	12/02/2025 - Trinity Dodds - National TAB		
Completed Date :	12/04/2025 - Zack Eismin - National TAB		

CheckList Item Details

FINAL TESTS

HOOD CAPTURE TEST

List equipment turned on for testing

Comment:

ALL

List smoke candle type used

Comment:

45 SECONDS

Smoke test capture - Perimeter of hood

Comment:

100%

Smoke test capture - Top of cooking surface

Comment:

100%

WITNESS

Date test was completed	12/04/2025

Comment:

TAB tech name / Firm

Comment:

ZACK / NATONAL TAB

Site super name / Firm

Comment:

N/A

Owner representative name / Firm (if Applicable)

Comment:

N/A

Building pressure at front & back doors (All Systems On)

Comment:

0.008"

ADDITIONAL

Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)

Comment:

YES

Thermostats are programmed?	Yes

Comment:

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: AHU/RTU

Asset: AC-1 AREA:KITCHEN

Unit Data		
	Design	**Actual**
MFG	CARRIER	DAIKIN
Serial Num	-	2411303395
Model Num	48HCDD14A2A5	DRG1503LH00114CAB
Type	AC	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	40X21
Num Final Filter 1	-	4
Final Filter Size 1	-	25X25X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	BROAD-OCEAN
Frame	-	NL
Horsepower	-	3.5
Motor Rpm	-	1600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	10.9

Drive Data	
	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
Belt Alignment	DD

Test Data		
	Design	**Actual**
SF CFM	5000	4843
SF RPM	-	1520
RA CFM	3650	3522
OA CFM	1350	1321
RL Voltage	-	209/209/209
RL Amperage	-	5.2/5.2/5.2
SF Rotation	-	ccw
SF System SetPt	-	95%
RA Damper Position	-	74%
Min OA Damper Position	-	26%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.41"
Fan Suction SP	-	-0.61"
Fan Discharge SP	-	0.51"
Total ESP	0.70"	0.92"
Fan Total SP	-	1.12"

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

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project:12-01-25 LAZY DOG NEWARK, CA (REVIVE)

AHU/RTU

Diffuser Supply (GRD)

AC-1/KITCHEN

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	WOMEN'S RR	C	10"	200	1	211	211	211	105.5
SGRD2	MEN'S RR	C	10"	200	1	203	203	203	101.5
SGRD3	RR VEST	B	10"	100	1	201	201	201	201.0
SGRD4	ICE	L	10"	150	1	155	155	155	103.3
SGRD5	OFFICE	C	8"	100	1	97	97	97	97.0
SGRD6	PICK-UP	A	10"	225	1	241	241	241	107.1
SGRD7	PICK-UP	A	10"	225	1	207	207	207	92.0
SGRD8	PICK-UP	A	10"	225	1	211	211	211	93.8
SGRD9	PICK-UP	A	10"	225	1	237	237	237	105.3
SGRD10	PICK-UP	A	10"	225	1	241	241	241	107.1
SGRD11	PICK-UP	A	10"	225	1	231	231	231	102.7
SGRD12	PICK-UP	A	10"	225	1	239	239	239	106.2
SGRD13	PICK-UP	A	10"	225	1	217	217	217	96.4
SGRD14	SCULLERY	D	8"	150	1	157	157	157	104.7
SGRD15	HALL	D	10"	225	1	227	227	227	100.9
SGRD16	LINEN/LIQUOR STORAGE	C	8"	125	1	129	129	129	103.2
SGRD17	EXIT TO SERVICE YARD	D	10"	225	1	211	211	211	93.8
SGRD18	HALL	D	10"	225	1	241	241	241	107.1
SGRD19	PREP	A	10"	225	1	247	247	247	109.8
SGRD20	PREP	A	10"	225	1	227	227	227	100.9
SGRD21	BREAK AREA	D	10"	225	1	233	233	233	103.6
SGRD22	BREAK AREA	A	10"	225	1	236	236	236	104.9
SGRD23	BREAK AREA	D	10"	225	1	244	244	244	108.4
Total				4625		4843	4843	4843	104.71%

Completed By: Zack Eismin on 12/03/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: AHU/RTU

Asset: AC-2 AREA:DINING 2

Unit Data		
	Design	**Actual**
MFG	CARRIER	DAIKIN
Serial Num	-	2411304040
Model Num	48HCDE14A2A5	DRG1503LH00114CAB
Type	AC	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	40X21
Num Final Filter 1	-	4
Final Filter Size 1	-	25X25X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	BROAD-OCEAN
Frame	-	NL
Horsepower	-	3.5
Motor Rpm	-	1600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	10.9

Drive Data	
	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
Belt Alignment	DD

Test Data		
	Design	**Actual**
SF CFM	5000	5115
SF RPM	-	1520
RA CFM	3750	3844
OA CFM	1250	1271
RL Voltage	-	209/209/209
RL Amperage	-	5.19/5.19/5.19
SF Rotation	-	CCW
SF System SetPt	-	95%
RA Damper Position	-	76%
Min OA Damper Position	-	24%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.38"
Fan Suction SP	-	-0.62"
Fan Discharge SP	-	0.49"
Total ESP	0.70"	0.87"
Fan Total SP	-	1.11

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

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project:12-01-25 LAZY DOG NEWARK, CA (REVIVE)

AHU/RTU

Diffuser Supply (GRD)

AC-2/DINING 2

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	DINING 2	J	26"	245	1	247	247	247	100.8
SGRD2	DINING 2	J	26"	250	1	255	255	255	102.0
SGRD3	DINING 2	J	26"	250	1	261	261	261	104.4
SGRD4	DINING 2	J	26"	250	1	241	241	241	96.4
SGRD5	DINING 2	J	26"	245	1	267	267	267	109.0
SGRD6	DINING 2	J	20"	235	1	249	249	249	106.0
SGRD7	DINING 2	J	20"	235	1	251	251	251	106.8
SGRD8	DINING 2	J	20"	235	1	241	241	241	102.6
SGRD9	DINING 2	J	20"	235	1	233	233	233	99.1
SGRD10	DINING 2	J	20"	235	1	243	243	243	103.4
SGRD11	DINING 2	J	20"	235	1	255	255	255	108.5
SGRD12	DINING 2	J	26"	235	1	217	217	217	92.3
SGRD13	DINING 2	J	26"	235	1	233	233	233	99.1
SGRD14	DINING 2	J	20"	235	1	255	255	255	108.5
SGRD15	DINING 2	J	20"	235	1	241	241	241	102.6
SGRD16	DINING 2	J	20"	235	1	237	237	237	100.9
SGRD17	DINING 2	J	20"	235	1	244	244	244	103.8
SGRD18	DINING 2	J	20"	235	1	233	233	233	99.1
SGRD19	DINING 2	J	20"	235	1	237	237	237	100.9
SGRD20	DINING 2	J	26"	235	1	244	244	244	103.8
SGRD21	DINING 2	J	26"	235	1	231	231	231	98.3
Total				5000		5115	5115	5115	102.3%

Completed By: Zack Eismin on 12/03/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: AHU/RTU

Asset: AC-3 AREA:BAR/DINING

Unit Data		
	Design	**Actual**
MFG	CARRIER	DAIKIN
Serial Num	-	2411307733
Model Num	48HCDD14A2A5	DRG1503LH00114CAB
Type	AC	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	40X21
Num Final Filter 1	-	4
Final Filter Size 1	-	25X25X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	BROAD-OCEAN
Frame	-	NL
Horsepower	-	3.5
Motor Rpm	-	1600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	10.9

Drive Data	
	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
Belt Alignment	DD

Test Data		
	Design	**Actual**
SF CFM	5000	5043
SF RPM	-	1520
RA CFM	3800	3810
OA CFM	1200	1233
RL Voltage	-	209/209/209
RL Amperage	-	5.17/5.17/5.17
SF Rotation	-	CCW
SF System SetPt	-	95%
RA Damper Position	-	77%
Min OA Damper Position	-	23%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.35"
Fan Suction SP	-	-0.55"
Fan Discharge SP	-	0.45"
Total ESP	0.70"	0.80"
Fan Total SP	-	1.00"

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

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project:12-01-25 LAZY DOG NEWARK, CA (REVIVE)

AHU/RTU

Diffuser Supply (GRD)

AC-3/BAR/DINING

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	BAR DINING	J	20"	225	1	233	233	233	103.6
SGRD2	BAR DINING	J	20"	225	1	237	237	237	105.3
SGRD3	BAR DINING	J	20"	225	1	241	241	241	107.1
SGRD4	BAR DINING	J	20"	225	1	227	227	227	100.9
SGRD5	BAR DINING	J	20"	225	1	231	231	231	102.7
SGRD6	BAR DINING	J	20"	225	1	234	234	234	104.0
SGRD7	BAR DINING	J	26"	250	1	241	241	241	96.4
SGRD8	BAR DINING	J	20"	225	1	247	247	247	109.8
SGRD9	BAR DINING	J	20"	225	1	213	213	213	94.7
SGRD10	BAR DINING	J	20"	225	1	222	222	222	98.7
SGRD11	BAR DINING	J	20"	225	1	231	231	231	102.7
SGRD12	BAR DINING	J	20"	225	1	247	247	247	109.8
SGRD13	BAR DINING	J	20"	225	1	233	233	233	103.6
SGRD14	BAR DINING	J	20"	225	1	231	231	231	102.7
SGRD15	BAR DINING	J	20"	225	1	227	227	227	100.9
SGRD16	BAR DINING	J	26"	250	1	225	225	225	90.0
SGRD17	BAR DINING	J	20"	225	1	219	219	219	97.3
SGRD18	BAR DINING	J	20"	225	1	226	226	226	100.4
SGRD19	BAR DINING	J	20"	225	1	232	232	232	103.1
SGRD20	BAR DINING	J	20"	225	1	211	211	211	93.8
SGRD21	BAR DINING	J	20"	225	1	219	219	219	97.3
SGRD22	BAR DINING	J	20"	225	1	216	216	216	96.0
Total				5000		5043	5043	5043	100.86%

Completed By: Zack Eismin on 12/03/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: AHU/RTU

Asset: AC-4 AREA:DINING 1 & FOYER

Unit Data		
	Design	**Actual**
MFG	CARRIER	DAIKIN
Serial Num	-	2411403192
Model Num	48HCDD14A2A5	DG1503LH00114CAB
Type	AC	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	40X21
Num Final Filter 1	-	4
Final Filter Size 1	-	25X25X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	BROAD-OCEAN
Frame	-	NL
Horsepower	-	3.5
Motor Rpm	-	1600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	10.9

Drive Data	
	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
Belt Alignment	DD

Test Data		
	Design	**Actual**
SF CFM	5000	4877
SF RPM	-	1520
RA CFM	3900	3740
OA CFM	1100	1137
RL Voltage	-	209/209/209
RL Amperage	-	5.21/5.21/5.21
SF Rotation	-	CCW
SF System SetPt	-	95%
RA Damper Position	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.37"
Fan Suction SP	-	-0.57"
Fan Discharge SP	-	0.44"
Total ESP	0.70"	0.81"
Fan Total SP	-	1.01"

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

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project:12-01-25 LAZY DOG NEWARK, CA (REVIVE)

AHU/RTU

Diffuser Supply (GRD)

AC-4/DINING 1 & FOYER

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	FOYER	E	14"	500	1	541	541	541	108.2
SGRD2	FOYER	E	14"	500	1	543	543	543	108.6
SGRD3	RECEPTION	C	10"	200	1	209	209	209	104.5
SGRD4	WAITING RECEPTION	C	10"	200	1	217	217	217	108.5
SGRD5	DINING 1	F	20"	320	1	341	341	341	106.6
SGRD6	DINING 1	F	20"	320	1	337	337	337	105.3
SGRD7	DINING 1	F	20"	320	1	333	333	333	104.1
SGRD8	DINING 1	F	20"	320	1	347	347	347	108.4
SGRD9	DINING 1	F	20"	320	1	329	329	329	102.8
SGRD10	DINING 1	F	20"	320	1	335	335	335	104.7
SGRD11	DINING 1	F	20"	320	1	344	344	344	107.5
SGRD12	DINING 1	F	20"	320	1	330	330	330	103.1
SGRD13	DINING 1	F	20"	320	1	325	325	325	101.6
SGRD14	DINING 1	F	20"	320	1	346	346	346	108.1
Total				4600		4877	4877	4877	106.02%

Completed By: Zack Eismin on 12/03/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Exhaust

Asset: EF1 AREA:HD1 & HD2

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA24HPFA	NCA24HPFA
Serial Num	-	3265362
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	182T
Horsepower	3.00	3
Motor Rpm	-	NL
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	9.5
Service Factor	-	NL

Drive Data	
	Actual
Motor Sheave Size	2VP42
Motor Bore Size	1-1/4"
Motor Sheave SetPt	1 TURN
Fan Sheave Size	6-3/4"
Fan Sheave Bore	1"
Belt CL Distance	7.5"
Num of Belts	2
Belt Size	BX30

Test Data		
	Design	**Actual**
CFM	3800	3849
Fan RPM	-	1079
Fan Rotation	-	CCW
Motor RPM	-	1773
RL Voltage	-	209/209/209
RL Amperage	-	7.8/7.8/7.8
Suction ESP	-	-1.31"
Discharge ESP	-	ATM
Total ESP	1.75"	1.31"

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Exhaust

Asset: EF2 AREA:HD3

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA14FA	NCA14FA
Serial Num	-	3265362
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	HSSA
Frame	-	56
Horsepower	0.50	0.5
Motor Rpm	-	1760
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	1.6
Service Factor	-	1.25

Drive Data	
	Actual
Motor Sheave Size	3-3/4"
Motor Bore Size	5/8"
Motor Sheave SetPt	4 TURNS OPEN
Fan Sheave Size	AK54
Fan Sheave Bore	3/4"
Belt CL Distance	5.5"
Num of Belts	1
Belt Size	AX22

Test Data		
	Design	**Actual**
CFM	1400	1377
Fan RPM	-	1211
Fan Rotation	-	CCW
Motor RPM	-	1769
RL Voltage	-	209/209/209
RL Amperage	-	1.1/1.1/1.1
Suction ESP	-	-0.51"
Discharge ESP	-	ATM
Total ESP	0.75"	0.51"

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Exhaust

Asset: EF3 AREA:HD4

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA24HPFA	NCA24HPFA
Serial Num	-	3265362
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	182T
Horsepower	2.00	3
Motor Rpm	-	NL
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	9.5
Service Factor	-	NL

Drive Data	
	Actual
Motor Sheave Size	2VP42
Motor Bore Size	1-1/4"
Motor Sheave SetPt	1 TURN
Fan Sheave Size	6-3/4"
Fan Sheave Bore	1"
Belt CL Distance	7.5"
Num of Belts	2
Belt Size	BX30

Test Data		
	Design	**Actual**
CFM	3200	3111
Fan RPM	-	1081
Fan Rotation	-	CCW
Motor RPM	-	1773
RL Voltage	-	209/209/209
RL Amperage	-	7.1/7.1/7.2
Suction ESP	-	-1.17"
Discharge ESP	-	ATM
Total ESP	1.50"	1.17"

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Exhaust

Asset: EF4 AREA:HD5

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA16HPFA	NCA16HPFA
Serial Num	-	3265362
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.00	1
Motor Rpm	-	NL
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	3.1
Service Factor	-	NL

Drive Data	
	Actual
Motor Sheave Size	3-3/4"
Motor Bore Size	5/8"
Motor Sheave SetPt	2 TURNS OPEN
Fan Sheave Size	5-1/4"
Fan Sheave Bore	1"
Belt CL Distance	6-3/4"
Num of Belts	1
Belt Size	AX25

Test Data		
	Design	**Actual**
CFM	1800	1664
Fan RPM	-	1136
Fan Rotation	-	CCW
Motor RPM	-	1771
RL Voltage	-	209/209/209
RL Amperage	-	2.3/2.3/2.3
Suction ESP	-	-1.01"
Discharge ESP	-	ATM
Total ESP	1.25"	1.01"

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Exhaust

Asset: EF5 AREA:HD6

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA24HPFA	NCA24HPFA
Serial Num	-	3265362
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	182T
Horsepower	3.00	3
Motor Rpm	-	NL
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	9.5
Service Factor	-	NL

Drive Data	
	Actual
Motor Sheave Size	2VP42
Motor Bore Size	1-1/4"
Motor Sheave SetPt	1 TURN
Fan Sheave Size	6-3/4"
Fan Sheave Bore	1"
Belt CL Distance	7.5"
Num of Belts	2
Belt Size	BX30

Test Data		
	Design	**Actual**
CFM	3500	3244
Fan RPM	-	1011
Fan Rotation	-	CCW
Motor RPM	-	1175
RL Voltage	-	209/209/209
RL Amperage	-	7.7/7.7/7.7
Suction ESP	-	-1.37"
Discharge ESP	-	ATM
Total ESP	1.75"	1.37"

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Exhaust

Asset: EF6 AREA:HD7

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA14HPFA	NCA14HPFA
Serial Num	-	3265362
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	HSSA
Frame	-	56
Horsepower	0.50	0.5
Motor Rpm	-	1760
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	1.6
Service Factor	-	1.25

Drive Data	
	Actual
Motor Sheave Size	3-3/4"
Motor Bore Size	5/8"
Motor Sheave SetPt	4 TURNS OPEN
Fan Sheave Size	AK54
Fan Sheave Bore	3/4"
Belt CL Distance	5.5"
Num of Belts	1
Belt Size	AX22

Test Data		
	Design	**Actual**
CFM	800	852
Fan RPM	-	1263
Fan Rotation	-	CCW
Motor RPM	-	1769
RL Voltage	-	209/209/209
RL Amperage	-	1.03/1.03/1.03
Suction ESP	-	-0.81"
Discharge ESP	-	ATM
Total ESP	1.00"	0.81"

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Exhaust

Asset: EF7 AREA:RESTROOM

Unit Data		
	Design	**Actual**
MFG	LOREN COOK	GREENHECK
Model Num	ACEB-100	GB-101-4-X
Serial Num	-	1555B698
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	GREENHECK
Frame	-	FR48Y
Horsepower	0.25	0.25
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	4.6
Service Factor	-	1.35

Test Data		
	Design	**Actual**
CFM	700	753
Fan RPM	-	1470
Fan Rotation	-	CCW
Motor RPM	-	1760
System SetPt	-	2 TURNS OPEN
RL Voltage	-	122
RL Amperage	-	3.7
Total ESP	0.80"	0.71"
Fan Inlet SP	-	-0.71"
Fan Discharge SP	-	ATM

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project:12-01-25 LAZY DOG NEWARK, CA (REVIVE)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF7/RESTROOM

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	WOMEN'S RR	H	10"	200	1	193	193	193	96.5
EGRD2	WOMEN'S RR	H	10"	200	1	187	187	187	93.5
EGRD3	MEN'S RR	H	10"	200	1	182	182	182	91.0
EGRD4	MEN'S RR	H	10"	200	1	191	191	191	95.5
Total				800		753	753	753	94.12%

Completed By: Zack Eismin on 12/04/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Exhaust

Asset: EF8 AREA:STAFF RR

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

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	0.3
Service Factor	-	NL

Test Data		
	Design	**Actual**
CFM	100	93
Fan RPM	-	NA
Fan Rotation	-	CCW
Motor RPM	-	NA
System SetPt	-	HIGH SPEED
RL Voltage	-	NA
RL Amperage	-	NA
Total ESP	0.30"	0.23"
Fan Inlet SP	-	ATM
Fan Discharge SP	-	0.23"

Completed By: Zack Eismin on 12/04/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Supply

Asset: MAU1 AREA:HD-1 & HD-2

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	A2-D.500-G15	A2-D.500-G15
Serial Num	-	3265362
Type	MAU	MAU
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	HSSA
Frame	-	56
Horsepower	5.00	3
Motor Rpm	-	1735
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	8.7
Service Factor	-	1.15

Gas Heat		
	Design	**Actual**
Heater Operates (y/n)	-	NO
Flame Status (pass/fail)	-	FAIL
Inlet Air Temp SetPt	55	55
Discharge Air Temp SetPt	60	60
Air Flow Switch SP Actual	-	0.51"

Test Data		
	Design	**Actual**
CFM	3350	3394
SF RPM	-	948
Motor RPM	-	1768
SF System SetPt	-	1 TURN OPEN
RL Voltage	-	209/209/209
RL Amperage	-	5.6/5.6/5.6
Total ESP	-	NA
Fan Discharge SP	-	NA

General	
	Actual
Fan Rotation Correct	YES

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: FAN - Supply

Asset: MAU2 AREA:HD4, HD5, HD6 & HD7

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	A4-D.1000-920	A4-D.1000-920
Serial Num	-	3265362
Type	MAU	MAU
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	184T
Horsepower	5.00	5
Motor Rpm	-	1750
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	13.6
Service Factor	-	1.15

Gas Heat		
	Design	**Actual**
Heater Operates (y/n)	-	YES
Flame Status (pass/fail)	-	PASS
Inlet Air Temp SetPt	55	55
Discharge Air Temp SetPt	60	60
Air Flow Switch SP Actual	-	0.61"

Test Data		
	Design	**Actual**
CFM	7840	7821
SF RPM	-	646
Motor RPM	-	1770
SF System SetPt	-	3 TURNS OPEN
RL Voltage	-	221/209/209
RL Amperage	-	6.8/6.8/6.8
Total ESP	-	NA
Fan Discharge SP	-	NA

General	
	Actual
Fan Rotation Correct	YES

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: Kitchen Hood Type I

Asset: HD-1 AREA:HD-1

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-PSP-F	5424 ND-2-PSP-F
Job / Serial Num	-	3265362
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	90"	90"
Hood Width	54"	54"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	18"	18"
Supply Plenum Length	91"	91"

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Qty 1	5	5
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	10.40	10.40
Filter1 FPM	-	179
Filter2 FPM	-	137
Filter3 FPM	-	205
Filter4 FPM	-	183
Filter5 FPM	-	181
Filter Ave FPM(corr)	-	177
CFM	1800	1840

Cooking Equipment	
	Actual
Item 1	BOILER
Item 2	BOILER
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	**Actual**
Total Area	11.375	11.375
Kv factor (Vel)	0.88"	0.88
Num of Readings	-	8
Reading1 FPM	-	171
Reading2 FPM	-	163
Reading3 FPM	-	141
Reading4 FPM	-	167
Reading5 FPM	-	181
Reading6 FPM	-	151
Reading7 FPM	-	121
Reading8 FPM	-	157
Ave FPM(corr)	-	157
CFM	1550	1571

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: Kitchen Hood Type I

Asset: HD-2 AREA:HD-2

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-PSP-F	5424 ND-2-PSP-F
Job / Serial Num	-	3265362
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	100"	100"
Hood Width	54"	54"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	18"	18"
Supply Plenum Length	112"	112"

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Qty 1	6	6
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	12.48	12.48
Filter1 FPM	-	143
Filter2 FPM	-	156
Filter3 FPM	-	144
Filter4 FPM	-	174
Filter5 FPM	-	189
Filter6 FPM	-	162
Filter Ave FPM(corr)	-	161
CFM	2000	2009

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

Test Data Supply		
	Design	**Actual**
Total Area	14	14
Kv factor (Vel)	0.88"	0.88
Num of Readings	-	12
Reading1 FPM	-	143
Reading2 FPM	-	141
Reading3 FPM	-	151
Reading4 FPM	-	151
Reading5 FPM	-	166
Reading6 FPM	-	191
Reading7 FPM	-	131
Reading8 FPM	-	127
Reading9 FPM	-	151
Reading10 FPM	-	149
Reading11 FPM	-	147
Reading12 FPM	-	132
Ave FPM(corr)	-	148
CFM	1800	1823

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: Kitchen Hood Type I

Asset: HD-4 AREA:HD-4

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-PSP-F	5424 ND-2-PSP-F
Job / Serial Num	-	3265362
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	142"	142"
Hood Width	54"	54"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	18"	18"
Supply Plenum Length	162"	162"

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Qty 1	8	8
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	16.64	16.64
Filter1 FPM	-	219
Filter2 FPM	-	196
Filter3 FPM	-	179
Filter4 FPM	-	150
Filter5 FPM	-	194
Filter6 FPM	-	175
Filter7 FPM	-	194
Filter8 FPM	-	195
Filter Ave FPM(corr)	-	187
CFM	3200	3111

Cooking Equipment	
	Actual
Item 1	WOK
Item 2	FRYER

Test Data Supply		
	Design	**Actual**
Total Area	20.25	20.25
Kv factor (Vel)	0.88"	0.88
Num of Readings	-	12
Reading1 FPM	-	169
Reading2 FPM	-	171
Reading3 FPM	-	181
Reading4 FPM	-	141
Reading5 FPM	-	166
Reading6 FPM	-	137
Reading7 FPM	-	149
Reading8 FPM	-	153
Reading9 FPM	-	171
Reading10 FPM	-	133
Reading11 FPM	-	139
Reading12 FPM	-	181
Ave FPM(corr)	-	157.5
CFM	2800	2808

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: Kitchen Hood Type I

Asset: HD-5 AREA:HD-5

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-PSP-F	5424 ND-2-PSP-F
Job / Serial Num	-	3265362
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	96"	96"
Hood Width	54"	54"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	18"	18"
Supply Plenum Length	96"	96"

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO FILTER
Filter Size 1	20X16	20X16
Filter Qty 1	5	5
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	10.40	10.4
Filter1 FPM	-	139
Filter2 FPM	-	129
Filter3 FPM	-	174
Filter4 FPM	-	168
Filter5 FPM	-	193
Filter Ave FPM(corr)	-	160
CFM	1800	1664

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

Test Data Supply		
	Design	**Actual**
Total Area	12	12
Kv factor (Vel)	0.88"	0.88
Num of Readings	-	8
Reading1 FPM	-	171
Reading2 FPM	-	139
Reading3 FPM	-	167
Reading4 FPM	-	191
Reading5 FPM	-	131
Reading6 FPM	-	137
Reading7 FPM	-	146
Reading8 FPM	-	141
Ave FPM(corr)	-	153
CFM	1600	1615

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: Kitchen Hood Type I

Asset: HD-6 AREA:HD-6

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-PSP-F	5424 ND-2-PSP-F
Job / Serial Num	-	3265362
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	140"	140"
Hood Width	54"	54"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	18"	18"
Supply Plenum Length	140"	140"

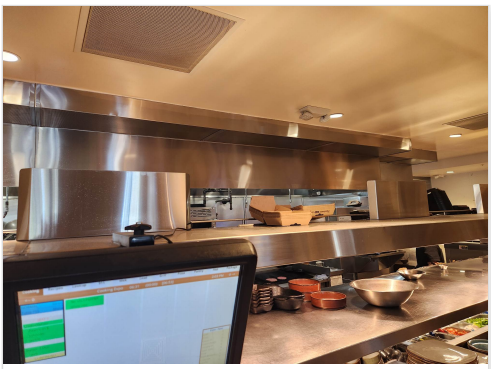
Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLOS
Filter Size 1	20X16	20X16
Filter Qty 1	8	8
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	16.64	16.64
Filter1 FPM	-	218
Filter2 FPM	-	194
Filter3 FPM	-	192
Filter4 FPM	-	187
Filter5 FPM	-	199
Filter6 FPM	-	198
Filter7 FPM	-	181
Filter8 FPM	-	178
Filter9 FPM	-	205
Filter Ave FPM(corr)	-	195
CFM	3500	3244

Cooking Equipment	
	Actual
Item 1	STOVE RANGE
Item 2	BROILER
Item 3	GRILL
Item 4	
Item 5	

Test Data Supply		
	Design	**Actual**
Total Area	17.5	17.5
Kv factor (Vel)	0.88"	0.88
Num of Readings	-	12
Reading1 FPM	-	211
Reading2 FPM	-	201
Reading3 FPM	-	135
Reading4 FPM	-	201
Reading5 FPM	-	171
Reading6 FPM	-	189
Reading7 FPM	-	133
Reading8 FPM	-	179
Reading9 FPM	-	188
Reading10 FPM	-	191
Reading11 FPM	-	138
Reading12 FPM	-	217
Ave FPM(corr)	-	179
CFM	2800	2756

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG



12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: Kitchen Hood Type I

Asset: HD-7 AREA:HD-7

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	4224 ND-2-PSP-B	4224 ND-2-PSP-B
Job / Serial Num	-	3265362
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	48"	48"
Hood Width	48"	48"
Supply Plenum Type	-	PERFORATED
Supply Plenum Width	16"	16"
Supply Plenum Length	48"	48"

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	20X20	20
Filter Qty 1	2	2
Filter AK factor size 1	2.68	2.68
Filter Total AK Area	5.36	5.36
Filter1 FPM	-	163
Filter2 FPM	-	155
Filter Ave FPM(corr)	-	159
CFM	800	852

Cooking Equipment	
	Actual
Item 1	BROILER
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	**Actual**
Total Area	5.33	5.33
Kv factor (Vel)	0.92"	0.92
Num of Readings	-	4
Reading1 FPM	-	121
Reading2 FPM	-	131
Reading3 FPM	-	151
Reading4 FPM	-	122
Ave FPM(corr)	-	131
CFM	640	642

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025

National TAB

Project: 12-01-25 LAZY DOG NEWARK, CA (REVIVE)

System/Unit: Kitchen Hood Type II

Asset: HD-3 AREA:HD-3

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	4824 VHB-G-ND-REM1	4824 VHB-G-ND-REM1
Serial Num	-	3265362
Type	TYPE II CANOPY	TYPE II CANOPY
Hood length	104"	104"
Hood Width	48"	48"

Test Data		
	Design	**Actual**
Exhaust CFM	1400	1377

Completed By: Zack Eismin on 12/04/2025

Unit Data - PHOTO LOG

12/02/2025