

Report By:

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



Report: TAB Report
Function: Test, Adjust, & Balance
Date: 07/24/2025
Completed By: National TAB

PROJECT
07-21-25 ALBERTSONS #1948 MESA, AZ

441 N VAL VISTA DRIVE

MESA, AZ 85213

Client

TRS-SESCO LLC
721-A Park Centre Dr
Kernersville, NC 27284

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

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Project Summary

The summary below provides a quick understanding of our scope of work and general testing procedures. Enclosed in the report is further detail about your building performance including recommendations, asset data, and pictures. Our focus is to work with the trades to remedy any issues or deficiencies during the actual field balancing and not after the balancing has occurred to achieve a positive environment and outcome. The level of success is determined by the availability of the trades, possible parts needed, or time constraints.

RTU's (Roof Top Units) w/ Diffusers

Each of the RTU's were measured at their terminal devices or via traverse to establish a total flow for that unit. Each RTU was adjusted to within tolerance of the engineer's design flow. Each outlet was then adjusted to within tolerance of the design flow. Outside air was measured by reading the intake air opening with a velocity grid and multiplying by the free area. The outside air damper was adjusted until the airflow was within the design requirements. Any equipment that fell outside of that tolerance is noted throughout the report.

Kitchen Exhaust Hood & Associated Fans

Each kitchen exhaust fan was measured at the hood filter bay utilizing a velocity matrix and a manufacturer's correction factor. Each filter velocity is multiplied by the manufacturer's corrected area. The sum of these readings equals the total flow of the exhaust fans. The total flow of the exhaust was then adjusted to within tolerance of the design flow. . Any EF's that fell outside of this tolerance is noted throughout the report.

MUA (Make Up Air Unit) w/ PSP

Total flow for the MAU (Make-up Air Unit) unit was measured by readings taken at the discharge of the hood's perforated supply plenum. Readings taken with a velocity matrix were averaged and multiplied by a manufacturer's corrected area. Adjustments to the fan speed were made in order to bring the unit to within design tolerance. Any MUA's that fell outside of this tolerance is noted throughout the report.

General Exhaust Fans w/ Grilles

The general exhaust fans were measured by reading each air device with a flow hood. The total airflow for each fan is equivalent to the sum of these readings. Fan speed was then adjusted so that the airflow was within tolerance of design. Each terminal device was balanced to within tolerance of the design volume using the installed volume dampers. Any equipment that fell outside of this tolerance is noted throughout the report.

Final Building Tests

After completing the test and balance the final building pressure was measured. It was confirmed that the building pressure fell within acceptable tolerances of $-0.02''$ wc to $+0.02''$ wc and that the pressure measurement coincides with the actual and design net airflow. Any deviations from these standards are noted throughout the report.

The hood capture was tested at the perimeter of the hood and the cook top level with the equipment heat on to ensure satisfactory hood capture and containment.

Issue List

- EF-10 & 11 LOW AIRFLOW
- EF-9 NOT FUNCTIONAL
- RTU-1 FILTER CHANGE REQUIRED
- RTU-3 CLOSED DAMPER
- RTU-3 CONSTRUCTION FILTER INSTALLED
- RTU-3 SUPPLY DUCT LEAK



07-21-25 ALBERTSONS #1948 MESA, AZ

Project Issue Information

Issue Name : EF-10 & 11 LOW AIRFLOW
Description : Exhaust fans 10 & 11 low on airflow. Both units have been set to maximum speed on speed controller. Unable to further speed up the unit. No restriction found to ductwork.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Low **Asset Tag :**
Originated Date : 07/29/2025 - David Nicolas Sanchez - National TAB

Project Issue File Details



07/29/2025



07-21-25 ALBERTSONS #1948 MESA, AZ

Project Issue Information

Issue Name : EF-9 NOT FUNCTIONAL
Description : EF-9 is not functional and appears to be abandoned. Recommend servicing or replacing unit.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Low **Asset Tag :**
Originated Date : 07/29/2025 - David Nicolas Sanchez - National TAB

Project Issue File Details



07/29/2025



07-21-25 ALBERTSONS #1948 MESA, AZ

Project Issue Information

Issue Name : RTU-1 FILTER CHANGE REQUIRED
Description : Filter replacement required for RTU-1. Construction filter currently installed inside unit. Recommend replacing with MERV8 filters.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Low **Asset Tag :**
Originated Date : 07/22/2025 - David Nicolas Sanchez - National TAB

Project Issue File Details



07/22/2025



07-21-25 ALBERTSONS #1948 MESA, AZ

Project Issue Information

Issue Name : RTU-3 CLOSED DAMPER
Description : Damper is fully closed in Pharmacy area above sink. Unable to locate damper handle or mechanism to keep damper opened. Recommend cleaning duct from debris and opening damper for proper airflow.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 07/22/2025 - David Nicolas Sanchez - National TAB

Project Issue File Details



07/22/2025



07/22/2025

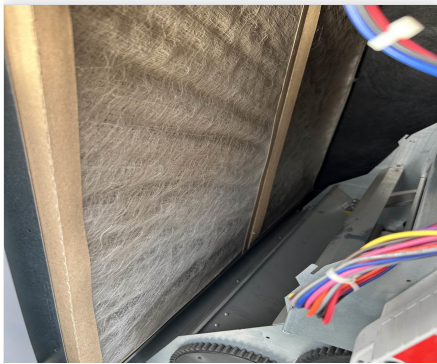


07-21-25 ALBERTSONS #1948 MESA, AZ

Project Issue Information

Issue Name : RTU-3 CONSTRUCTION FILTER INSTALLED
Description : Contruccion filter installed. Recommend replacing with MERV 8 filters.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Low **Asset Tag :**
Originated Date : 07/22/2025 - David Nicolas Sanchez - National TAB

Project Issue File Details



07/22/2025



07-21-25 ALBERTSONS #1948 MESA, AZ

Project Issue Information

Issue Name : RTU-3 SUPPLY DUCT LEAK
Description : Supply duct is not properly seal to unit. Leakage around the base of unit. Recommend properly sealing supply duct to unit to prevent leakage and debris from entering duct.
Created By : National TAB **Assigned To :** National TAB - Dan Hertenstein
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 07/22/2025 - David Nicolas Sanchez - National TAB

Project Issue File Details



07/22/2025

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	FRONT ENTRA	4000	4284	3600	3887	400	397	10.0%	9.3%						
AC-2	STOCK ROOM	4300	4366	3870	4366	430	0	10.0%	0.0%						
AC-3	PHARMACY	1000	1070	900	965	100	105	10.0%	9.8%						
AHU-4	MAIN STORE	35000	32308	35000	32308	0	0	0.0%	0.0%						
DOAS-1	MAIN STORE									6000	6086				
SF-1	DELI HOOD									1920	1953				
EF-1	DELI HOOD											2400	2590		
EF-2	RACK OVEN											800	874		
EF-3	RESTROOMS													200	194
EF-4	PHARMACY RESTROOM													90	94
EF-5	BREAK ROOM													600	654
EF-6	RESTROOM													750	696
EF-7	MESSANINE RESTROOM													500	472
EF-8	MEAT/SEAFOOD													1650	1524
EF-9	ELECTRIACL ROOM													400	0
EF-10	MECH ROOM													1600	721
EF-11	MECH ROOM													1420	631
TOTALS		44300	42028	43370	41526	930	502			7920	8039	3200	3464	7210	4986

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	8850	8541
TOTAL EXHAUST	10410	8450
NET AIRFLOW	-1560	91

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	
SIDE	
REAR	
AVERAGE	#DIV/0!

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:

OPEN GROCERY STORE WITH AUTOMATIC SLIDING DOORS. UNABLE TO TEST BUILDING PRESSURE.

CheckList List

- STEP 1: INITIAL SITE WALK THROUGH
- STEP 2: UNIT DATA AND EVAL
- STEP 3: TEST, ADJUST AND BALANCE
- STEP 4: FINAL TESTS



07-21-25 ALBERTSONS #1948 MESA, AZ

CheckList Information

Name : STEP 1: INITIAL SITE WALK THROUGH **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 05/05/2025 - Nicole Seever - National TAB

Completed Date : 07/29/2025 - David Nicolas Sanchez - 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? N/A

Comment:

Hood is free of alarms? N/A

Comment:

Thermostats have power? Yes

Comment:

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

Comment:

Yes



07-21-25 ALBERTSONS #1948 MESA, AZ

CheckList Information

Name : STEP 2: UNIT DATA AND EVAL **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 05/05/2025 - Nicole Seever - National TAB

Completed Date : 07/29/2025 - David Nicolas Sanchez - 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") Yes

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:

N/A

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:

N/A

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? Yes

Comment:

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:

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?

Yes

Comment:



07-21-25 ALBERTSONS #1948 MESA, AZ

CheckList Information

Name : STEP 3: TEST, ADJUST AND BALANCE **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 05/05/2025 - Nicole Seever - National TAB

Completed Date : 07/29/2025 - David Nicolas Sanchez - 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:

NA



07-21-25 ALBERTSONS #1948 MESA, AZ

CheckList Information

Name : STEP 4: FINAL TESTS **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 05/05/2025 - Nicole Seever - National TAB

Completed Date : 08/27/2025 - David Nicolas Sanchez - National TAB

CheckList Item Details

FINAL TESTS

HOOD CAPTURE TEST

List equipment turned on for testing

Comment:

Fryer, Oven

List smoke candle type used

Comment:

CE0163 45 Seconds

Smoke test capture - Perimeter of hood

Comment:

100%

Smoke test capture - Top of cooking surface

Comment:

100%

WITNESS

Date test was completed

07/25/2025

Comment:

TAB tech name / Firm

Comment:

David Nicolas Sanchez / National TAB Intelligence

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:

Open grocery. Unable to take building pressure due to automatic sliding doors.

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:

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Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: AHU/RTU



Asset: AC1

AREA:FRONT ENTRANCE

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	1524P70191
Model Num	48HJD012	48FCDM12A2M5A6U0A0
Type	AC	AC
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	36.25X21
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	6.4

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	4000	4284
SF RPM	-	1985
RA CFM	3600	3887
OA CFM	400	397
RL Voltage	-	199/198/198
RL Amperage	-	7.35/7.43/7.31
SF Rotation	-	CCW
SF System SetPt	-	C
RA Damper Position	-	7.05V
Min OA Damper Position	-	2.95V
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.93"
Fan Suction SP	-	-1.24"
Fan Discharge SP	-	0.85"
Total ESP	-	1.78"
Fan Total SP	-	2.09"

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

Completed By: David Nicolas Sanchez on 07/22/2025

Notes:

Supply airflow calculated based on 10 ton unit. Design CFM: 4,000

Written By: David Nicolas Sanchez on 07/22/2025

Unit Data - PHOTO LOG



07/21/2025

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Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: AHU/RTU



Asset: AC2

AREA:STOCK ROOM

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	5022P44476
Model Num	48HJD014	48FCDM14A2A5A
Type	AC	AC
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	N/A
OA Filter Size 1	-	N/A
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	7.5

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	4300	4366
SF RPM	-	1339
RA CFM	3870	4366
OA CFM	430	0
RL Voltage	-	208/208/209
RL Amperage	-	2.77/3.29/2.82
SF Rotation	-	CCW
SF System SetPt	-	A
RA Damper Position	-	N/A
Min OA Damper Position	-	N/A
Min OA Damper Type	-	N/A
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.30"
Fan Suction SP	-	-0.67"
Fan Discharge SP	-	0.22"
Total ESP	-	0.52"
Fan Total SP	-	0.89"

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

Completed By: David Nicolas Sanchez on 07/22/2025

Notes:
No outside air vent installed. Unable to set outside air.

Written By: David Nicolas Sanchez on 07/29/2025

Unit Data - PHOTO LOG



07/21/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: AHU/RTU



Asset: AC3

AREA:PHARMACY

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	0524C10255
Model Num	50HJ-004	50GC-J04A2M5A6U0A0
Type	AC	AC
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	29.5X15.5
Num Final Filter 1	-	2
Final Filter Size 1	-	16X25X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	-	1
Rated Voltage	-	208
Rated Amperage	-	5.1

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	1000	1070
SF RPM	-	1675
RA CFM	900	965
OA CFM	100	105
RL Voltage	-	203
RL Amperage	-	3.13
SF Rotation	-	CCW
SF System SetPt	-	C
RA Damper Position	-	7.25V
Min OA Damper Position	-	2.75V
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.38"
Fan Suction SP	-	-0.49"
Fan Discharge SP	-	0.41"
Total ESP	-	0.79"
Fan Total SP	-	0.90"

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

Completed By: David Nicolas Sanchez on 07/22/2025

Unit Data - PHOTO LOG



07/21/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: AHU/RTU



Asset: AHU1

AREA:MAIN STORE

Unit Data		
	Design	Actual
MFG	N/A	FRIGID COIL
Serial Num	-	31141
Model Num	N/A	AAH-140-LP
Type	-	AHU
Configuration	-	HORIZONTAL
Num Final Filter 1	-	24
Final Filter Size 1	-	24X24X2

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Frame	-	S284T
Horsepower	-	25.0
Motor Rpm	-	1765
Phase	-	3
Rated Voltage	-	230/460
Rated Amperage	-	61/30.5

Drive Data	
	Actual
Motor Sheave Size	7 1/2"
Motor Bore Size	1 7/8"
Motor Sheave SetPt	N/A
Fan Sheave Size	11 3/4"
Fan Sheave Bore	2 3/4"
Belt CL Distance	40"
Num of Belts	3
Belt Size	BX108
Belt Alignment	VERIFIED

Test Data		
	Design	Actual
SF CFM	35000	32308
SF RPM	-	NA
RA CFM	35000	32308
OA CFM	0	0
RL Voltage	-	NA
RL Amperage	-	NA
SF Rotation	-	CW
SF System SetPt	-	N/A
RA Damper Position	-	N/A
Min OA Damper Position	-	N/A
Min OA Damper Type	-	N/A
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.38"
Fan Suction SP	-	-0.75"
Fan Discharge SP	-	0.25"
Total ESP	-	0.63"
Fan Total SP	-	1.00"

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

Completed By: David Nicolas Sanchez on 07/22/2025

Notes:
Unable to located VFD. Speed adjustment not possible.

Written By: David Nicolas Sanchez on 07/22/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF1

AREA:DELI HOOD

Unit Data		
	Design	Actual
MFG	ACME	COOK
Model Num	PNU150RG	180VH17D VF 180 VCRH
Serial Num	-	296SK85256- 02/0001901
Type	-	UPBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	2400	2590
Fan RPM	-	1316
Fan Rotation	-	CCW
Motor RPM	-	1316
System SetPt	-	100
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.68"
Fan Inlet SP	-	-0.68"
Fan Discharge SP	-	ATMS

Motor Data		
	Design	Actual
Motor MFG	-	VARI-FLOW
Frame	-	NL
Horsepower	0.75	3/4
Motor Rpm	-	1313
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	7.4
Service Factor	-	NL

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF2

AREA: RACK OVEN

Unit Data		
	Design	Actual
MFG	HOBART	COOK
Model Num	HO210G2	165VX17D VF 165 VORX
Serial Num	-	296SK85256- 02/0004701
Type	-	UPBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	800	874
Fan RPM	-	1310
Fan Rotation	-	CCW
Motor RPM	-	1310
System SetPt	-	100
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.19"
Fan Inlet SP	-	-0.19"
Fan Discharge SP	-	ATMS

Motor Data		
	Design	Actual
Motor MFG	-	VARI-FLOW
Frame	-	NL
Horsepower	-	3/4
Motor Rpm	-	1313
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	7.4
Service Factor	-	NL

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF3

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	N/A	COOK
Model Num	N/A	135C17D0R61VF 135 ACE
Serial Num	-	296SK85256- 02/0000701
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	200	194
Fan RPM	-	1312
Fan Rotation	-	CCW
Motor RPM	-	1312
System SetPt	-	100
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.12"
Fan Inlet SP	-	-0.12"
Fan Discharge SP	-	ATMS

Motor Data		
	Design	Actual
Motor MFG	-	VARI-FLOW
Frame	-	NL
Horsepower	-	1/6
Motor Rpm	-	1309
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	2.4
Service Factor	-	NL

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF4

AREA:PHARMACY RESTROOM

Unit Data		
	Design	Actual
MFG	N/A	COOK
Model Num	N/A	70C17DEC 70 ACEH
Serial Num	-	296PK85256- 00/0004001
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	90	94
Fan RPM	-	DD
Fan Rotation	-	CCW
Motor RPM	-	DD
System SetPt	-	SINGLE SPEED
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.05"
Fan Inlet SP	-	-0.05"
Fan Discharge SP	-	ATMS

Motor Data		
	Design	Actual
Motor MFG	-	JAKEL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	1.1
Service Factor	-	NA

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF5

AREA: BREAK ROOM

Unit Data		
	Design	Actual
MFG	N/A	COOK
Model Num	N/A	100C17DH VF 100 ACEH
Serial Num	-	296PK85256 00/0006301
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	600	654
Fan RPM	-	1094
Fan Rotation	-	CCW
Motor RPM	-	1094
System SetPt	-	61
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.13"
Fan Inlet SP	-	-0.13"
Fan Discharge SP	-	ATMS

Motor Data		
	Design	Actual
Motor MFG	-	VARI-FLOW
Frame	-	NL
Horsepower	-	1/6
Motor Rpm	-	1660
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	2.4
Service Factor	-	NL

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF6

AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	N/A	COOK
Model Num	GB-080-6-X	120C17D VF 120 ACE
Serial Num	-	296PK85256 00/0005101
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	750	696
Fan RPM	-	1329
Fan Rotation	-	CCW
Motor RPM	-	1329
System SetPt	-	100
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.15"
Fan Inlet SP	-	-0.15"
Fan Discharge SP	-	ATMS

Motor Data		
	Design	Actual
Motor MFG	-	VARI-FLOW
Frame	-	NL
Horsepower	-	1/6
Motor Rpm	-	1325
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	2.4
Service Factor	-	NL

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF7

AREA:MESSANINE RESTROOM

Unit Data		
	Design	Actual
MFG	N/A	COOK
Model Num	N/A	90C17DEC 90 ACEH
Serial Num	-	296PK85256- 00/0002901
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	500	472
Fan RPM	-	DD
Fan Rotation	-	CCW
Motor RPM	-	DD
System SetPt	-	SINGLE SPEED
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.11"
Fan Inlet SP	-	-0.11"
Fan Discharge SP	-	ATMS

Motor Data		
	Design	Actual
Motor MFG	-	COOK
Frame	-	NL
Horsepower	-	1/6
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	2.36
Service Factor	-	NL

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF8

AREA:MEAT/SEAFOOD

Unit Data		
	Design	Actual
MFG	GREENHECK	COOK
Model Num	CUBE-131-5-X	165VH17D VF 165 VCRH
Serial Num	-	296SK85256- 02/0003301
Type	-	UPBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	1650	1524
Fan RPM	-	1302
Fan Rotation	-	CCW
Motor RPM	-	1302
System SetPt	-	100
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.82"
Fan Inlet SP	-	-0.82"
Fan Discharge SP	-	ATMS

Motor Data		
	Design	Actual
Motor MFG	-	VARI-FLOW
Frame	-	NL
Horsepower	-	1/2
Motor Rpm	-	1355
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	5.9
Service Factor	-	NL

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF9

AREA:ELECTRIACL ROOM

Unit Data		
	Design	Actual
MFG	PENN BARRY	NL
Model Num	DX06B	NL
Serial Num	-	NL
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	400	0
Fan RPM	-	0
Fan Rotation	-	0
Motor RPM	-	0
System SetPt	-	0
RL Voltage	-	0
RL Amperage	-	0
Total ESP	-	0
Fan Inlet SP	-	0
Fan Discharge SP	-	0

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

Completed By: David Nicolas Sanchez on 07/25/2025

Notes:
No cover plate. Unit not functional.

Written By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF10

AREA:MECH ROOM

Unit Data		
	Design	Actual
MFG	GREENHECK	COOK
Model Num	GB-131-4X-QD	150C17D VF 150 ACE
Serial Num	-	296PK85256- 00/0001801
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	VAR-FLOW
Frame	-	NL
Horsepower	-	1/4
Motor Rpm	-	1059
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	3.2
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	1600	721
Fan RPM	-	944
Fan Rotation	-	CCW
Motor RPM	-	944
System SetPt	-	100
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.1"
Fan Inlet SP	-	-0.1"
Fan Discharge SP	-	ATMS

Completed By: David Nicolas Sanchez on 07/25/2025

Notes:

Low airflow. Unable to speed up unit. No restrictions observed.

Written By: David Nicolas Sanchez on 07/29/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Exhaust



Asset: EF11

AREA:MECH ROOM

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	GB-131-4X-QD	150C17D VF 150 ACE
Serial Num	-	296PK85256- 00/0000701
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	VARI-FLOW
Frame	-	NL
Horsepower	-	1/6
Motor Rpm	-	928
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	2.4
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	1420	631
Fan RPM	-	929
Fan Rotation	-	CCW
Motor RPM	-	929
System SetPt	-	100
RL Voltage	-	120
RL Amperage	-	NA
Total ESP	-	0.1"
Fan Inlet SP	-	-0.1"
Fan Discharge SP	-	ATMS

Completed By: David Nicolas Sanchez on 07/25/2025

Notes:

Low airflow. Unable to speed up unit. No restrictions observed.

Written By: David Nicolas Sanchez on 07/29/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Supply



Asset: DOAS-1

AREA:MAIN STORE

Unit Data		
	Design	Actual
MFG	NA	ADDISON
Model Num	NA	PROA420K4J2DABFAE1
Serial Num	-	231202401001
Type	-	DOAS
Configuration	-	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	9.39
Motor Rpm	-	NL
Phase	-	3
Voltage (rated)	-	200-240
Amperage (rated)	-	11.3
Service Factor	-	NL

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	Y
Flame Status (pass/fail)	-	PASS

Test Data		
	Design	Actual
CFM	6000	6086
SF RPM	-	DD
Motor RPM	-	DD
SF System SetPt	-	60%
RL Voltage	-	204/204/203
RL Amperage	-	6.09/6.13/6.15
Total ESP	-	NA
Fan Discharge SP	-	NA

General	
	Actual
Fan Rotation Correct	YES

Completed By: David Nicolas Sanchez on 07/22/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: FAN - Supply



Asset: SF-1

AREA:HOOD 1

Unit Data		
	Design	Actual
MFG	N/A	COOK
Model Num	N/A	20HEF414D17 200 HEF4
Serial Num	-	296SK85256- 03/0002001
Type	-	SF
Configuration	-	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	NEMA
Frame	-	560
Horsepower	-	1/2
Motor Rpm	-	1750
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	1.76
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	1920	1953
SF RPM	-	DD
Motor RPM	-	DD
SF System SetPt	-	SINGLE SPEED
RL Voltage	-	NA
RL Amperage	-	NA
Total ESP	-	NA
Fan Discharge SP	-	NA

General	
	Actual
Fan Rotation Correct	YES

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

National TAB

Project: 07-21-25 ALBERTSONS #1948 MESA, AZ

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:BAKERY

Unit Data		
	Design	Actual
MFG	N/A	LASASCO
Model Num	N/A	LAS-EH/SP
Job / Serial Num	-	NL
Type	-	TYPE 1 CANOPY
Hood length	-	159"
Hood Width	-	48"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLED
Filter Size 1	-	20X16
Filter Size 2	-	16X16
Filter Qty 1	-	4
Filter Qty 2	-	4
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	1.62
Filter Total AK Area	-	14.8
Filter1 FPM	-	133
Filter2 FPM	-	121
Filter3 FPM	-	191
Filter4 FPM	-	152
Filter5 FPM	-	244
Filter6 FPM	-	171
Filter7 FPM	-	196
Filter8 FPM	-	192
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	175
CFM	2400	2590

Cooking Equipment	
	Actual
Item 1	OVER
Item 2	FRYER

Completed By: David Nicolas Sanchez on 07/25/2025

Unit Data - PHOTO LOG



08/26/2025

