Report By:

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

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 02/18/2026

Completed By: National TAB

PROJECT

02-16-26 CARMAX #7270 OMAHA, NE

17606 BURT STR

OMAHA, NE 68118

Client

Comfort Systems USA Strategic Accounts

2655 Fortune Circle West, Suite E

Indianapolis, IN 46241

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

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Project Summary

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.

Facility Identification and TAB Requirements
The mechanical equipment to be tested, adjusted, and balanced includes all RTU's and EF's on the Test and Balance Scope on the mechanical drawings.

Standard RTU’s
Each of the RTU’s were measured at their terminal devices utilizing a flow hood or via total traverse. The sum of these readings is equal to the total flow for that particular unit. The total flow of each RTU was then adjusted to within tolerance of the specified design. Outside airflow was measured by reading the inlet with a velocity grid times the area of the filter. Any equipment that fell outside of this tolerance is noted throughout the report.

Bypass RTU's
The Bypass RTU's were measured by first closing the bypass damper completely. By doing this, the outside airflow is equal to the total flow for the unit. The airflow was measured using a velgrid at the outdoor air intake and multiplying by the free area of the filters. Adjustments made to the motor sheave in order to get airflow within tolerance of design. The bypass damper is then adjusted to so that bypass and OA flows are within tolerance.

Exhaust Fans
The exhaust fans were measured by reading each air device with a flow hood or via a velgrid reading times the free area of the inlets. 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 tolernace of design. Any equipment that fell outside of this tolerance is noted throughout the report.

Issue List

- RTU-11 missing OA intake filters

02-16-26 CARMAX #7270 OMAHA, NE

Project Issue Information

Issue Name : RTU-11 missing OA intake filters

Description : The filters were not found inside or outside the unit. Same sized filters from another unit were temporarily used to complete TAB. Recommend replacing the missing filters

Created By : National TAB

Assigned To : National TAB - Brianna Biggs

Status : Open

Priority : Medium

Asset Tag :

Originated Date : 02/19/2026 - Aaron Cosby - National TAB

Project Issue File Details

02/19/2026

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
RTU-1	SHOWROOM	6000	5573	5240	4824	760	749	12.7%	13.4%						
RTU-2	SHOWROOM	4500	4256	4160	3885	340	371	7.6%	8.7%						
RTU-3	CUSTOMER	1200	1204	1000	1013	200	191	16.7%	15.9%						
RTU-4	BUSINESS	1150	1229	950	1028	200	201	17.4%	16.4%						
RTU-5	BUYERS	1050	1120	850	938	200	182	19.0%	16.3%						
RTU-6	DATA/PBX	975	1012	975	1012	0	0	0.0%	0.0%						
RTU-7	BREAK.CONF	1300	1279	1060	1029	240	250	18.5%	19.5%						
RTU-8	PARTS	1200	1318	1040	1159	160	159	13.3%	12.1%						
RTU-9	BREAK/TRAIN	1900	1884	1420	1397	480	487	25.3%	25.8%						
RTU-10	SERVICE(ERV)	4900	4460	0	0	4900	4460	100.0%	100.0%						
RTU-11	SERVICE(BP)	7000	7018	2250	2179	4750	4839	67.9%	69.0%						
RTU-12	SERVICE(BP)	7000	7122	2250	2160	4750	4962	67.9%	69.7%						
RTU-13	SERVICE(ERV)	4900	4572	0	0	4900	4572	100.0%	100.0%						
RTU-14	SERVICE(BP)	7000	7388	2250	2276	4750	5112	67.9%	69.2%						
RTU-15	COSMETIC(BP)	5600	5299	1600	1562	4000	3737	71.4%	70.5%						
RTU-16	COSMETIC(BP)	5600	5401	1600	1529	4000	3872	71.4%	71.7%						
RTU-17	FQC	3000	3219	2700	2909	300	310	10.0%	9.6%						
EF-1	SERVICE													3000	3254
EF-2	SERVICE													3000	3040
EF-3	SERVICE													2850	2790
EF-4	SERVICE													2850	2624
TOTALS		64275	63354	29345	28900	34930	34454			0	0	0	0	11700	11708

NOTES:

CheckList List

- RTU/EF Checklist

02-16-26 CARMAX #7270 OMAHA, NE

CheckList Information

Name :	RTU/EF Checklist	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	02/03/2026 - Trinity Dodds - National TAB		
Completed Date :	02/19/2026 - Aaron Cosby - National TAB		

CheckList Item Details

RTU's/AHU's

Economizers are assembled and functional?

Comment:

PASS

Motors are all operating below the FLA rating?

Comment:

PASS

Are belts tight?

Comment:

PASS

If direct drive unit is the speed controller working.

Comment:

PASS

Is gas piping installed and valves turned on?

Comment:

PASS

Unit free of noticeable noise and vibration

Comment:

PASS

Units are labeled and installed on proper curb

Comment:

PASS

Unit ductwork properly installed / sealed on curb

Comment:

PASS

Pulleys are properly aligned

Comment:

PASS

Condensate lines and P-Traps installed correctly Yes

Comment:

Disconnect Switch Installed

Comment:

PASS

Outside air dampers/Economizers installed and functioning

Comment:

PASS

Additional Comments or recommendations:

Comment:

NA

EF's

Is back draft damper installed?

Comment:

PASS

Are belts tight? (If direct drive put NA)

Comment:

PASS

Free of abnormal noise or vibration?

Comment:

PASS

Disconnect switch installed and functional?

Comment:

PASS

Documentation

If issues, have NTAB team and Comfort Systems USA been notified ?

Comment:

PASS

If any issues, have Facilibuild issues been created explaining in detail?

Comment:

PASS

Pictures

All Issues

Comment:

IN REMARKS

Each Piece of equipment

Comment:

UNDER EACH ASSET

Each Piece of equipment

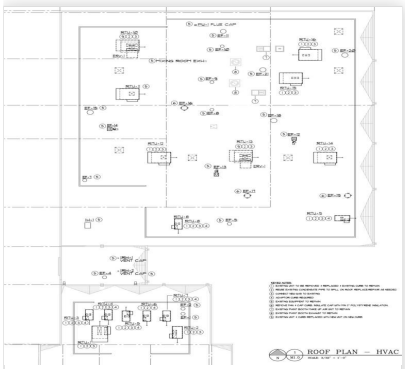
Comment:

NA

Roof Top Layout

Comment:

ATTACHED



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National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-1 AREA:SHOWROOM

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625F06118
Model Num	LGT156H4M	LGT156H4M
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	23"X13"
Num Final Filter 1	-	6
Final Filter Size 1	-	22"X22"X2"

Test Data		
	Design	**Actual**
SF CFM	6000	5573
RA CFM	5240	4824
OA CFM	760	749
RL Voltage	-	478/480/480
RL Amperage	-	4.48 VFD
SF Rotation	-	CW
SF System SetPt	-	60 HZ
Min OA Damper Position	-	28%
Min OA Damper Type	-	ECONOMIZER

Motor Data		
	Design	**Actual**
Horsepower	3.0	5.0
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	480
Rated Amperage	-	6.5

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.39"
Fan Suction SP	-	-0.69"
Fan Discharge SP	-	0.60"
Total ESP	-	0.99"
Fan Total SP	-	1.29"

Drive Data	
	Actual
Motor Sheave Size	4.75"
Motor Bore Size	1.25"
Motor Sheave SetPt	1 TURN OUT
Fan Sheave Size	10"
Fan Sheave Bore	1.25"
Belt CL Distance	20.75"
Num of Belts	1
Belt Size	BX61
Belt Alignment	GOOD

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

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-2 AREA:SHOWROOM

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625E02661
Model Num	LGT120H4E	LGT120H4E
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14"X23"
Num Final Filter 1	-	4
Final Filter Size 1	-	20"X25"X2"

Test Data		
	Design	**Actual**
SF CFM	4500	4256
RA CFM	4160	3885
OA CFM	340	371
RL Voltage	-	478/480/480
RL Amperage	-	2.2/2.1/2.1
SF Rotation	-	CW
SF System SetPt	-	80%
Min OA Damper Position	-	24%
Min OA Damper Type	-	ECONOMIZER

Motor Data		
	Design	**Actual**
Horsepower	3.0	NL
Motor Rpm	-	1780
Phase	3	3
Rated Voltage	480	480
Rated Amperage	-	4.2

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.55"
Fan Suction SP	-	-0.92"
Fan Discharge SP	-	0.68"
Total ESP	-	1.23"
Fan Total SP	-	1.6"

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

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/19/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-3 AREA:CUSTOMER

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625E05508
Model Num	LGT036H4E	LGT036H4E
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14"X14"
Num Final Filter 1	-	4
Final Filter Size 1	-	18"X18"X2"

Test Data		
	Design	**Actual**
SF CFM	1200	1204
RA CFM	1000	1013
OA CFM	200	191
RL Voltage	-	477/480/479
RL Amperage	-	1.2/1.3/NA
SF Rotation	-	CW
SF System SetPt	-	80%
Min OA Damper Position	-	13%
Min OA Damper Type	-	ECONOMIZER

Motor Data		
	Design	**Actual**
Horsepower	1.5	0.5
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	480
Rated Amperage	-	3.15

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.09"
Fan Suction SP	-	-0.26"
Fan Discharge SP	-	0.24"
Total ESP	-	0.33"
Fan Total SP	-	0.50"

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

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-4 AREA:BUSINESS

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625E05507
Model Num	LGT036H4E	LGT036H4E
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14"X14"
Num Final Filter 1	-	4
Final Filter Size 1	-	18"X18"X2"

Test Data		
	Design	**Actual**
SF CFM	1150	1229
RA CFM	950	1028
OA CFM	200	201
RL Voltage	-	478/480/480
RL Amperage	-	1.0/1.0/NA
SF Rotation	-	CW
SF System SetPt	-	65%
Min OA Damper Position	-	14%
Min OA Damper Type	-	ECONOMIZER

Motor Data		
	Design	**Actual**
Horsepower	1.5	0.5
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	480
Rated Amperage	-	3.15

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.04"
Fan Suction SP	-	-0.19"
Fan Discharge SP	-	0.31"
Total ESP	-	0.35"
Fan Total SP	-	0.50"

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

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-5 AREA:BUYERS

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625E04122
Model Num	LGT036H4E	LGT036H4E
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	14"X28"
Num Final Filter 1	-	4
Final Filter Size 1	-	18"X18"X2"

Test Data		
	Design	**Actual**
SF CFM	1051	1120
RA CFM	851	938
OA CFM	200	182
RL Voltage	-	478/480/480
RL Amperage	-	1.3/1.3/NA
SF Rotation	-	CW
SF System SetPt	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	ECONOMIZER

Motor Data		
	Design	**Actual**
Horsepower	1.5	0.5
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	480
Rated Amperage	-	3.15

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.13"
Fan Suction SP	-	-0.27"
Fan Discharge SP	-	0.40"
Total ESP	-	0.53"
Fan Total SP	-	0.67"

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

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-6 AREA:DATA/PBX

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625H03520
Model Num	LGT036H4E	LGT036H4E
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	0
Num Final Filter 1	-	4
Final Filter Size 1	-	18"X18"X2"

Motor Data		
	Design	**Actual**
Horsepower	1.5	0.5
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	480
Rated Amperage	-	3.15

Test Data		
	Design	**Actual**
SF CFM	960	1012
RA CFM	960	1012
OA CFM	0	0
RL Voltage	-	478/480/480
RL Amperage	-	0.8/0.8/NA
SF Rotation	-	CW
SF System SetPt	-	80%

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.12"
Fan Suction SP	-	-0.27"
Fan Discharge SP	-	0.27"
Total ESP	-	0.39"
Fan Total SP	-	0.54"

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

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-7 AREA:BREAK CONF

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625E04123
Model Num	LGT048H4E	LGT048H4E
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	14"X28"
Num Final Filter 1	-	4
Final Filter Size 1	-	18"X18"X2"

Test Data		
	Design	**Actual**
SF CFM	1300	1279
RA CFM	1060	1029
OA CFM	240	250
RL Voltage	-	478/480/480
RL Amperage	-	1.8/1.8/NA
SF Rotation	-	CW
SF System SetPt	-	80%
Min OA Damper Position	-	15%
Min OA Damper Type	-	ECONOMIZER

Motor Data		
	Design	**Actual**
Horsepower	1.5	1
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	480
Rated Amperage	-	6.13

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.11"
Fan Suction SP	-	-0.26"
Fan Discharge SP	-	0.85"
Total ESP	-	0.96"
Fan Total SP	-	1.11"

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

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-8 AREA:PARTS

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625E05506
Model Num	LGT036H4E	LGT036H4E
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	28"X13"
Num Final Filter 1	-	4
Final Filter Size 1	-	20"X20"X2"

Test Data		
	Design	**Actual**
SF CFM	1200	1318
RA CFM	1040	1159
OA CFM	160	159
RL Voltage	-	479/481/481
RL Amperage	-	2.0/NA/NA
SF Rotation	-	CW
SF System SetPt	-	80%
Min OA Damper Position	-	9%
Min OA Damper Type	-	ECONOMIZER

Motor Data		
	Design	**Actual**
Horsepower	1.5	0.50
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	480
Rated Amperage	-	3.15

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.16"
Fan Suction SP	-	-0.29"
Fan Discharge SP	-	0.33"
Total ESP	-	0.49"
Fan Total SP	-	0.62"

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

Completed By: Aaron Cosby on 02/18/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-9 AREA:BREAK/TRAIN

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625E05613
Model Num	LGT060H4E	LGT060H4E
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	28"X14"
Num Final Filter 1	-	4
Final Filter Size 1	-	20"X20"X2"

Test Data		
	Design	**Actual**
SF CFM	1800	1884
RA CFM	1420	1397
OA CFM	480	487
RL Voltage	-	477/480/480
RL Amperage	-	4.7/NA/NA
SF Rotation	-	CW
SF System SetPt	-	85%
Min OA Damper Position	-	20%
Min OA Damper Type	-	ECONOMIZER

Motor Data		
	Design	**Actual**
Horsepower	1.5	1.0
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	480
Rated Amperage	-	6.13

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.54"
Fan Suction SP	-	-0.69"
Fan Discharge SP	-	0.40"
Total ESP	-	0.94"
Fan Total SP	-	1.09"

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

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-11 AREA:SERVICE (BP)

Unit Data	
	Actual
MFG	LENNOX
Serial Num	5623L03754
Model Num	LGT300S4M
Num OA Filters 1	2
OA Filter Size 1	38”X17”
Num Final Filter 1	6
Final Filter Size 1	24”X24”X2”

Motor Data		
	Design	**Actual**
Horsepower	5.0	10.0
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	480
Rated Amperage	-	11.9
Frequency	-	60

Drive Data	
	Actual
Motor Sheave Size	6"
Motor Bore Size	1.5"
Motor Sheave SetPt	3 TURNS OUT
Fan Sheave Size	10"
Fan Sheave Bore	1"
Belt CL Distance	21"
Num of Belts	1
Belt Size	BX66

Test Data		
	Design	**Actual**
SF CFM	7000	7018
SF RPM	-	1020
MOTOR RPM	-	1746
Bypass CFM	2250	2179
OA CFM	4750	4839
RL Voltage	-	480/480/478
RL Amperage	-	9.8 VFD
SF Rotation	-	CCW
SF System SetPt	-	51 HZ
Min OA Damper Position	-	100%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.37”
Fan Suction SP	-	-0.94”
Fan Discharge SP	-	0.34”
Total ESP	1.3"	0.71"
Fan Total SP	-	1.28"

Completed By: Aaron Cosby on 02/17/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project:02-16-26 CARMAX #7270 OMAHA, NE

AHU/RTU

Diffuser Supply (GRD)

RTU-11/SERVICE (BP)

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1208	1208	1208	101.9
SGRD2	SERVICE (BP)	TITUS 300RS	20X20	1190	2.77	1212	1212	1212	101.8
SGRD3	SERVICE (BP)	TITUS 300RS	20X20	1190	2.77	1218	1218	1218	102.4
SGRD4	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1201	1201	1201	101.4
Total				4750		4839	4839	4839	101.87%

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-12 AREA:SERVICE (BP)

Unit Data	
	Actual
MFG	LENNOX
Serial Num	5625F06122
Model Num	LGH300H4B
Num OA Filters 1	4
OA Filter Size 1	31”X17”
Num Final Filter 1	6
Final Filter Size 1	24”X24”X2”

Motor Data		
	Design	**Actual**
Horsepower	5.0	7.5
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	480
Rated Amperage	-	9.4
Frequency	-	60

Drive Data	
	Actual
Motor Sheave Size	6"
Motor Bore Size	1.5"
Motor Sheave SetPt	3 TURNS OUT
Fan Sheave Size	10"
Fan Sheave Bore	1"
Belt CL Distance	21"
Num of Belts	1
Belt Size	BX66

Test Data		
	Design	**Actual**
SF CFM	7000	7122
SF RPM	-	908
MOTOR RPM	-	1763
Bypass CFM	2250	2160
OA CFM	4750	4962
RL Voltage	-	476 VFD
RL Amperage	-	7.2 VFD
SF Rotation	-	CCW
SF System SetPt	-	60 HZ
Min OA Damper Position	-	85%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.23”
Fan Suction SP	-	-0.86”
Fan Discharge SP	-	0.18”
Total ESP	1.2"	0.41"
Fan Total SP	-	1.04"

Completed By: Aaron Cosby on 02/17/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project:02-16-26 CARMAX #7270 OMAHA, NE

AHU/RTU

Diffuser Supply (GRD)

RTU-12/SERVICE (BP)

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	SERVICE	TITUS 300RS	20X20	1185	2.77	1244	1244	1244	105.0
SGRD2	SERVICE	TITUS 300RS	20X20	1185	2.77	1247	1247	1247	105.2
SGRD3	SERVICE	TITUS 300RS	20X20	1185	2.77	1230	1230	1230	103.8
SGRD4	SERVICE	TITUS 300RS	20X20	1185	2.77	1241	1241	1241	104.7
Total				4740		4962	4962	4962	104.68%

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-14 AREA:SERVICE (BP)

Unit Data	
	Actual
MFG	LENNOX
Serial Num	5625F06121
Model Num	LGH300H4B
Num OA Filters 1	2
OA Filter Size 1	31”X17”
Num Final Filter 1	6
Final Filter Size 1	24”X24”X2”

Motor Data		
	Design	**Actual**
Horsepower	5.0	7.5
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	480
Rated Amperage	-	9.4
Frequency	-	60

Drive Data	
	Actual
Motor Sheave Size	6”
Motor Bore Size	1.5”
Motor Sheave SetPt	4 TURNS OUT
Fan Sheave Size	10”
Fan Sheave Bore	1”
Belt CL Distance	21”
Num of Belts	1
Belt Size	BX66

Test Data		
	Design	**Actual**
SF CFM	7000	7388
SF RPM	-	1094
MOTOR RPM	-	1765
Bypass CFM	2250	2276
OA CFM	4750	5112
RL Voltage	-	479/481/481
RL Amperage	-	8.96 VFD
SF Rotation	-	CCW
SF System SetPt	-	60 HZ
Min OA Damper Position	-	80%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.27”
Fan Suction SP	-	-1.24”
Fan Discharge SP	-	0.26”
Total ESP	1.10"	0.53”
Fan Total SP	-	1.50”

Completed By: Aaron Cosby on 02/17/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project:02-16-26 CARMAX #7270 OMAHA, NE

AHU/RTU

Diffuser Supply (GRD)

RTU-14/SERVICE (BP)

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1284	1284	1284	108.4
SGRD2	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1276	1276	1276	107.7
SGRD3	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1287	1287	1287	108.6
SGRD4	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1265	1265	1265	106.8
Total				4740		5112	5112	5112	107.85%

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-15 AREA:COSMETIC (BP)

Unit Data	
	Actual
MFG	LENNOX
Serial Num	5625F06123
Model Num	LGT240H4M
Num OA Filters 1	4
OA Filter Size 1	31”X17”
Num Final Filter 1	6
Final Filter Size 1	24”X24”X2”

Motor Data		
	Design	**Actual**
Horsepower	5.0	5.0
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	480
Rated Amperage	-	6.5
Frequency	-	60

Drive Data	
	Actual
Motor Sheave Size	6”
Motor Bore Size	1”
Motor Sheave SetPt	4 TURNS OUT
Fan Sheave Size	10”
Fan Sheave Bore	1”
Belt CL Distance	20”
Num of Belts	1
Belt Size	BX65

Test Data		
	Design	**Actual**
SF CFM	5600	5299
SF RPM	-	912
MOTOR RPM	-	1741
Bypass CFM	1600	1562
OA CFM	4000	3737
RL Voltage	-	479/481/481
RL Amperage	-	6.4 VFD
SF Rotation	-	CCW
SF System SetPt	-	53.4 HZ
Min OA Damper Position	-	100%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.31”
Fan Suction SP	-	-1.07”
Fan Discharge SP	-	0.34”
Total ESP	1.0"	0.65"
Fan Total SP	-	1.41"

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project:02-16-26 CARMAX #7270 OMAHA, NE

AHU/RTU

Diffuser Supply (GRD)

RTU-15/COSMETIC (BP)

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	PBX	SQUARE	12"	500	1	51	488	488	97.6
SGRD2	COSMETIC (BP)	RECTANGLE	30X12	875	2.5	762	820	820	93.7
SGRD3	COSMETIC (BP)	RECTANGLE	30X12	875	2.5	789	802	802	91.7
SGRD4	COSMETIC (BP)	RECTANGLE	30X12	875	2.5	712	811	811	92.7
SGRD5	COSMETIC (BP)	RECTANGLE	30X12	875	2.5	766	816	816	93.3
Total				4000		3080	3737	3737	93.42%

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-16 AREA:COSMETIC (BP)

Unit Data	
	Actual
MFG	LENNOX
Serial Num	5625G04233
Model Num	LGT240H4E
Num OA Filters 1	4
OA Filter Size 1	31”X17”
Num Final Filter 1	6
Final Filter Size 1	24”X24”X2”

Motor Data		
	Design	**Actual**
Horsepower	5.0	7.5
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	480
Rated Amperage	-	9.4
Frequency	-	60
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	6”
Motor Bore Size	1.5”
Motor Sheave SetPt	3.5 TURNS OUT
Fan Sheave Size	10”
Fan Sheave Bore	1”
Belt CL Distance	21”
Num of Belts	1
Belt Size	BX66

Test Data		
	Design	**Actual**
SF CFM	5600	5401
SF RPM	-	761
MOTOR RPM	-	1404
Bypass CFM	1600	1529
OA CFM	4000	3872
RL Voltage	-	479/481/481
RL Amperage	-	6.1 VFD
SF Rotation	-	CCW
SF System SetPt	-	48 HZ
Min OA Damper Position	-	100%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.16”
Fan Suction SP	-	-0.69”
Fan Discharge SP	-	0.13”
Total ESP	1.0"	0.29"
Fan Total SP	-	0.82"

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project:02-16-26 CARMAX #7270 OMAHA, NE

AHU/RTU

Diffuser Supply (GRD)

RTU-16/COSMETIC (BP)

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	COSMETIC AREA	RECTANGLE	30X12	1000	2.5	982	982	982	98.2
SGRD2	COSMETIC AREA	RECTANGLE	30X12	1000	2.5	987	987	987	98.7
SGRD3	COSMETIC AREA	RECTANGLE	30X12	1000	2.5	946	946	946	94.6
SGRD4	COSMETIC AREA	RECTANGLE	30X12	1000	2.5	957	957	957	95.7
Total				4000		3872	3872	3872	96.8%

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: AHU/RTU

Asset: RTU-17 AREA:FQC

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5625E01978
Model Num	LGT120H4E	LGT120H4E
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14”X22”
Num Final Filter 1	-	4
Final Filter Size 1	-	20”X25”X2”

Test Data		
	Design	**Actual**
SF CFM	3000	3219
RA CFM	2700	2909
OA CFM	300	310
RL Voltage	-	477/478/478
RL Amperage	-	2.2/NA/NA
SF Rotation	-	CW
SF System SetPt	-	83%
Min OA Damper Position	-	17%
Min OA Damper Type	-	ECONOMIZER

Motor Data		
	Design	**Actual**
Horsepower	3.75	NL
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	480
Rated Amperage	-	4.2

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.42"
Fan Suction SP	-	-0.89"
Fan Discharge SP	-	0.51"
Total ESP	-	0.93"
Fan Total SP	-	1.40"

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

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/18/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: Energy Recovery Unit

Asset: RTU-10 AREA:SERVICE

Supply Unit Data	
	Actual
Manufacturer	LENNOX
Model Number	LGT210H4M
Serial Number	5625F06119
Configuration	VERTICAL
No. Pre Filters/Size	6/24"X24"X2"

Supply Motor Data	
	Actual
Horsepower	3.0
Motor Rpm	1750
Phase	3
Voltage (rated)	460
Amperage (rated)	4.0

Supply Drive Data	
	Actual
Motor Sheave Size	4"
Motor Bore Size	1"
Fan Sheave Size	6"
Fan Sheave Bore	1"
Belt CL Distance	20"
Num of Belts	1
Belt Size	BX55

Supply Test Data		
	Design	**Actual**
Total CFM	4900	4460
Fan RPM	-	713
VFD Speed	-	45 HZ
RL Voltage	-	479/481/481
RL Amperage	-	3.8 VFD

Supply Performance Data		
	Design	**Actual**
Suction S.P.	-	-0.63"
Discharge S.P.	-	0.20"
Total ESP	-	0.83"

Exhaust Motor Data	
	Actual
Horsepower	5.0
Phase	3
Voltage (rated)	460
Amperage (rated)	6.4

Exhaust Drive Data	
	Actual
Motor Sheave Size	7”
Motor Bore Size	1”
Fan Sheave Size	9”
Fan Sheave Bore	1”
Belt CL Distance	15.5”
Num of Belts	1
Belt Size	4L570T

Exhaust Test Data		
	Design	**Actual**
Total CFM	4900	4459
RL Voltage	-	479/481/481
RL Amperage	-	5.2/5.2/5.2

Exhaust Performance Data		
	Design	**Actual**
Heat Wheel P.D.	-	0.67”

Completed By: Aaron Cosby on 02/18/2026

Supply Unit Data - PHOTO LOG

02/18/2026

National TAB

Project:02-16-26 CARMAX #7270 OMAHA, NE

Energy Recovery Unit

Diffuser Supply (GRD)

RTU-10/SERVICE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	SERVICE (ERV)	TITUS 300RS	20X20	1225	2.7	1104	1104	1104	90.1
SGRD2	SERVICE (ERV)	TITUS 300RS	20X20	1225	2.7	1117	1117	1117	91.2
SGRD3	SERVICE (ERV)	TITUS 300RS	20X20	1225	2.7	1117	1117	1117	91.2
SGRD4	SERVICE (ERV)	TITUS 300RS	20X20	1225	2.7	1122	1122	1122	91.6
Total				4900		4460	4460	4460	91.02%

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: Energy Recovery Unit

Asset: RTU-13 AREA:SERVICE

Supply Unit Data	
	Actual
Manufacturer	LENNOX
Model Number	LGT210H4M
Serial Number	5625F06119
Configuration	VERTICAL
No. Pre Filters/Size	6/24”X24”X2”

Supply Motor Data	
	Actual
Horsepower	3.0
Motor Rpm	1750
Phase	3
Voltage (rated)	460
Amperage (rated)	4.0

Supply Drive Data	
	Actual
Motor Sheave Size	4"
Motor Bore Size	1"
Fan Sheave Size	6"
Fan Sheave Bore	1"
Belt CL Distance	20"
Num of Belts	1
Belt Size	BX55

Supply Test Data		
	Design	**Actual**
Total CFM	4900	4572
Fan RPM	-	674
VFD Speed	-	48.6 HZ
RL Voltage	-	481/471/471
RL Amperage	-	3.1 VFD

Supply Performance Data		
	Design	**Actual**
Suction S.P.	-	-0.65"
Discharge S.P.	-	0.16"
Total ESP	-	0.81"

Exhaust Motor Data	
	Actual
Horsepower	5.0
Phase	3
Voltage (rated)	460
Amperage (rated)	6.4

Exhaust Drive Data	
	Actual
Motor Sheave Size	7”
Motor Bore Size	1”
Fan Sheave Size	9”
Fan Sheave Bore	1”
Belt CL Distance	15.5”
Num of Belts	1
Belt Size	4L570T

Exhaust Test Data		
	Design	**Actual**
Total CFM	4900	4541
Fan RPM	-	1007
RL Voltage	-	481/471/471
RL Amperage	-	5.3/5.3/5.3

Exhaust Performance Data		
	Design	**Actual**
Heat Wheel P.D.	-	0.69”

Completed By: Aaron Cosby on 02/18/2026

Supply Unit Data - PHOTO LOG

02/18/2026

National TAB

Project:02-16-26 CARMAX #7270 OMAHA, NE

Energy Recovery Unit

Diffuser Supply (GRD)

RTU-13/SERVICE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	SERVICE (ERV)	TITUS 300RS	20X20	1225	2.7	1140	1140	1140	93.1
SGRD2	SERVICE (ERV)	TITUS 300RS	20X20	1225	2.7	1135	1135	1135	92.7
SGRD3	SERVICE (ERV)	TITUS 300RS	20X20	1225	2.7	1142	1142	1142	93.2
SGRD4	SERVICE (ERV)	TITUS 300RS	20X20	1225	2.7	1155	1155	1155	94.3
Total				4900		4572	4572	4572	93.31%

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: FAN - Exhaust

Asset: EF-15 AREA:SERVICE

Unit Data		
	Design	**Actual**
MFG	COOK	COOK
Model Num	ACRU-B 195R6B	ACRU-B 195R6B
Serial Num	-	009S965895
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Horsepower	0.75	0.75
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	10.0

Drive Data	
	Actual
Motor Sheave Size	3.5”
Motor Bore Size	0.5
Motor Sheave SetPt	4 TURNS OUT
Fan Sheave Size	6”
Fan Sheave Bore	1”
Belt CL Distance	6”
Num of Belts	1
Belt Size	AX25

Test Data		
	Design	**Actual**
CFM	3000	3254
Fan RPM	-	1028
Fan Rotation	-	CCW
Motor RPM	-	1664
RL Voltage	-	115
RL Amperage	-	9.8
Suction ESP	-	-0.37”
Discharge ESP	-	ATM
Total ESP	0.25"	0.37”

Completed By: Aaron Cosby on 02/18/2026

Unit Data - PHOTO LOG

02/19/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: FAN - Exhaust

Asset: EF-18 AREA:SERVICE

Unit Data		
	Design	**Actual**
MFG	COOK	COOK
Model Num	ACRU-B 195R6B	ACRU-B 195R6B
Serial Num	-	009S65895
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Horsepower	0.75	0.75
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	10.0

Drive Data	
	Actual
Motor Sheave Size	3.5”
Motor Bore Size	0.5”
Motor Sheave SetPt	4 TURNS OUT
Fan Sheave Size	6”
Fan Sheave Bore	1”
Belt CL Distance	6”
Num of Belts	1
Belt Size	AX25

Test Data		
	Design	**Actual**
CFM	3000	3040
Fan RPM	-	770
Fan Rotation	-	CCW
Motor RPM	-	1766
RL Voltage	-	115
RL Amperage	-	8.4
Suction ESP	-	-0.16”
Discharge ESP	-	ATM
Total ESP	0.25"	0.16”

Completed By: Aaron Cosby on 02/19/2026

Unit Data - PHOTO LOG

02/19/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: FAN - Exhaust

Asset: EF-20 AREA:SERVICE

Unit Data		
	Design	**Actual**
MFG	COOK	COOK
Model Num	ACRU-B 180R6B	ACRU-B 180R6B
Serial Num	-	009S965895
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Horsepower	0.75	0.75
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	10.0

Drive Data	
	Actual
Motor Sheave Size	3”
Motor Bore Size	0.5”
Motor Sheave SetPt	5 TURNS OUT
Fan Sheave Size	6”
Fan Sheave Bore	0.75”
Belt CL Distance	6”
Num of Belts	1
Belt Size	A25

Test Data		
	Design	**Actual**
CFM	2850	2790
Fan RPM	-	901
Fan Rotation	-	CW
Motor RPM	-	1750
RL Voltage	-	115
RL Amperage	-	7.5
Suction ESP	-	-0.08”
Discharge ESP	-	ATM
Total ESP	0.25"	0.08”

Completed By: Aaron Cosby on 02/19/2026

Unit Data - PHOTO LOG

02/19/2026

National TAB

Project: 02-16-26 CARMAX #7270 OMAHA, NE

System/Unit: FAN - Exhaust

Asset: EF-21 AREA:SERVICE

Unit Data		
	Design	**Actual**
MFG	COOK	COOK
Model Num	ACRU-B 180R6B	ACRU-B 180R6B
Serial Num	-	009S965895
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Horsepower	0.75	0.75
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	10.0

Drive Data	
	Actual
Motor Sheave Size	4”
Motor Bore Size	0.5”
Motor Sheave SetPt	3.5 TURNS OUT
Fan Sheave Size	6”
Fan Sheave Bore	0.75”
Belt CL Distance	7”
Num of Belts	1
Belt Size	AX25

Test Data		
	Design	**Actual**
CFM	2850	2624
Fan RPM	-	994
Fan Rotation	-	CCW
Motor RPM	-	1749
RL Voltage	-	115
RL Amperage	-	8.6
Suction ESP	-	-0.09”
Discharge ESP	-	ATM
Total ESP	0.25"	0.09”

Completed By: Aaron Cosby on 02/19/2026

Unit Data - PHOTO LOG

02/19/2026