Report By:

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Report: INITIAL REPORT

Function: Test, Adjust, & Balance

Date: 04/02/2026

Completed By: National TAB

PROJECT

04-06-26 CARMAX #7191 TULSA, OK

9131 SOUTH MEMORIAL DRIVE

TULSA, OK 74133

Client

Comfort Systems USA Strategic Accounts

2655 Fortune Circle West, Suite E

Indianapolis, IN 46241

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Project: 04-06-26 CARMAX #7191 TULSA, OK

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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.

CheckList List

- RTU / EF CHECKLIST

04-06-26 CARMAX #7191 TULSA, OK

CheckList Information

Name :	RTU / EF CHECKLIST	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	04/01/2026 - Natasha Louw - National TAB		

CheckList Item Details

RTU's/AHU's

Economizers are assembled and functional?

Comment:

Motors are all operating below the FLA rating?

Comment:

Are belts tight?

Comment:

If direct drive unit is the speed controller working.

Comment:

Is gas piping installed and valves turned on?

Comment:

Unit free of noticeable noise and vibration

Comment:

Units are labeled and installed on proper curb

Comment:

Unit ductwork properly installed / sealed on curb

Comment:

Pulleys are properly aligned

Comment:

Condensate lines and P-Traps installed correctly

Comment:

Disconnect Switch Installed

Comment:

Outside air dampers/Economizers installed and functioning

Comment:

Additional Comments or recommendations:

Comment:

EF's

Is back draft damper installed?

Comment:

Are belts tight? (If direct drive put NA)

Comment:

Free of abnormal noise or vibration?

Comment:

Disconnect switch installed and functional?

Comment:

Documentation

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

Comment:

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

Comment:

Pictures

All Issues

Comment:

Each Piece of equipment

Comment:

Each Piece of equipment

Comment:

Roof Top Layout

Comment:

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU1 AREA:SHOWROOM

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT156H4M
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	3.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	5250	
SF RPM	-	
RA CFM	4750	
OA CFM	500	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU2 AREA:SHOWROOM

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT156H4M
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	3.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	5250	
SF RPM	-	
RA CFM	4750	
OA CFM	500	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU3 AREA:BREAK/CONF.

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT048H4E
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	1.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	1300	
SF RPM	1060	
RA CFM	1060	
OA CFM	240	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

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

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU4 AREA:DATA

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LCT036H4E
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.5	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	975	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

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

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU5 AREA:BUYERS

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT036H4E
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.5	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	1050	
SF RPM	-	
RA CFM	910	
OA CFM	140	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

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

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU6 AREA:BUSINESS

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT048H4E
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	1.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	1300	
SF RPM	-	
RA CFM	1100	
OA CFM	200	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

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

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU7 AREA:CUSTOMER

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT036H4E
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.5	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	1050	
SF RPM	-	
RA CFM	930	
OA CFM	120	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.70"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU8 AREA:BREAK / TRAIN

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT060H4E
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	1.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	1600	
SF RPM	-	
RA CFM	1200	
OA CFM	400	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.70"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU9 AREA:PARTS

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT048H4E
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	1.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	1500	
SF RPM	-	
RA CFM	1300	
OA CFM	200	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.70"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU10 AREA:SERVICE

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGH300H4B
Num OA Filters 1	
OA Filter Size 1	
Num Final Filter 1	
Final Filter Size 1	
Num Final Filter 2	
Final Filter Size 2	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	
Frequency	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
SF CFM	7000	
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	2250	
OA CFM	4750	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU11 AREA:SERVICE

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT210H4M
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	3.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	4900	
SF RPM	-	
RA CFM	0	
OA CFM	4900	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU12 AREA:SERVICE

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGH300H4B
Num OA Filters 1	
OA Filter Size 1	
Num Final Filter 1	
Final Filter Size 1	
Num Final Filter 2	
Final Filter Size 2	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	
Frequency	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
SF CFM	7000	
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	2250	
OA CFM	4750	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU13 AREA:SERVICE

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT210H4M
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	3.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	4900	
SF RPM	-	
RA CFM	0	
OA CFM	4900	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU14 AREA:SERVICE

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGH300H4B
Num OA Filters 1	
OA Filter Size 1	
Num Final Filter 1	
Final Filter Size 1	
Num Final Filter 2	
Final Filter Size 2	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	
Frequency	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
SF CFM	7000	
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	2250	
OA CFM	4750	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

National TAB

Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU15 AREA:COSMETIC

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT240H4M
Num OA Filters 1	
OA Filter Size 1	
Num Final Filter 1	
Final Filter Size 1	
Num Final Filter 2	
Final Filter Size 2	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	
Frequency	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
SF CFM	5000	
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	1200	
OA CFM	3800	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

National TAB

Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU16 AREA:COSMETIC

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT240H4M
Num OA Filters 1	
OA Filter Size 1	
Num Final Filter 1	
Final Filter Size 1	
Num Final Filter 2	
Final Filter Size 2	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	
Frequency	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
SF CFM	5000	
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	1200	
OA CFM	3800	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

National TAB

Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: AHU/RTU

Asset: RTU17 AREA:FQC

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	L	LGT120H4E
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	3.75	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment	

Test Data		
	Design	**Actual**
SF CFM	3000	
SF RPM	-	
RA CFM	2700	
OA CFM	300	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

National TAB

Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: Energy Recovery Unit

Asset: ERV1 AREA:RTU 11&13

Supply Unit Data	
	Actual
Manufacturer	LENNOX
Model Number	50R6252xH
Serial Number	
Configuration	VERTICAL
No. Pre Filters/Size	

Exhaust Unit Data	
	Actual
Manufacturer	
Model Number	
Serial Number	
Configuration	
No. Pre Filters/Size	

Supply Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Exhaust Motor Data	
	Actual
Motor MFG	
Frame	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Supply Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Exhaust Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Supply Test Data		
	Design	**Actual**
Total CFM	4900	
Fan RPM	-	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	-	

Exhaust Test Data		
	Design	**Actual**
Total CFM	4600	
Fan RPM	-	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	-	

Supply Performance Data		
	Design	**Actual**
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Cooling Coil P.D.	-	
Heating Coil P.D.	-	
Heat Exchanger P.D.	-	
Heat Wheel P.D.	-	
Pre Filters P.D.	-	
Total ESP	-	
EAT Summer DB/WB	-	
LAT Summer DB/WB	-	
EAT Winter DB/WB	-	
LAT Winter DB/WB	-	

Exhaust Performance Data		
	Design	**Actual**
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Cooling Coil P.D.	-	
Heating Coil P.D.	-	
Heat Exchanger P.D.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Total ESP	-	
EAT Summer DB/WB	-	
LAT Summer DB/WB	-	
EAT Winter DB/WB	-	
LAT Winter DB/WB	-	

National TAB

Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: FAN - Exhaust

Asset: EF16 AREA:SERVICE

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

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.75	
Motor Rpm	-	
Phase	1	
Voltage (rated)	120	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
CFM	3000	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25"	

National TAB

Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: FAN - Exhaust

Asset: EF18 AREA:SERVICE

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

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.75	
Motor Rpm	-	
Phase	1	
Voltage (rated)	120	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
CFM	3000	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25"	

National TAB

Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: FAN - Exhaust

Asset: EF20 AREA:COSMETIC

Unit Data		
	Design	**Actual**
MFG	COOK	COOK
Model Num	ACRU-B 150R6B	ACRU-B 150R6B
Serial Num	-	
Type	UPBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.75	
Motor Rpm	-	
Phase	1	
Voltage (rated)	120	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
CFM	2500	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25"	

National TAB

Project: 04-06-26 CARMAX #7191 TULSA, OK

System/Unit: FAN - Exhaust

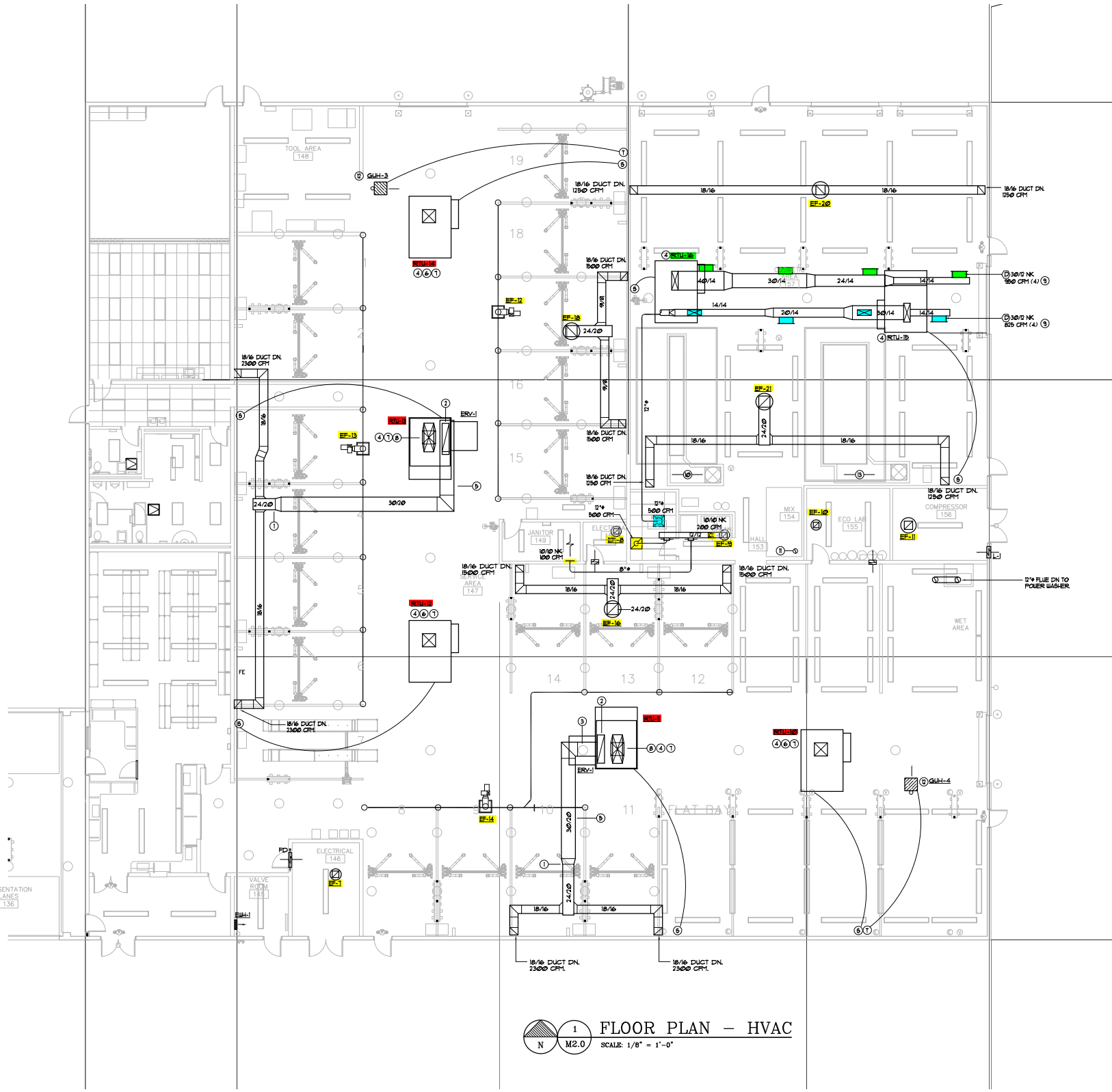
Asset: EF21 AREA:COSMETIC

Unit Data		
	Design	**Actual**
MFG	COOK	COOK
Model Num	ACRU-B 150R6B	ACRU-B 150R6B
Serial Num	-	
Type	UPBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.75	
Motor Rpm	-	
Phase	1	
Voltage (rated)	120	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
CFM	2500	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25"	



N 1 M2.0 FLOOR PLAN – HVAC

SCALE: 1/8" = 1'-0"