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**Report: Prelim**

**Function: Test, Adjust, & Balance**

**Date: 02/17/2026**

**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

## Table Of Contents

Section	Page #
AHU/RTU	3
FAN - Exhaust	27

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-1

AREA:SHOWROOM

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT156H4M
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	3.00	
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	6000	5573
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	5240	
OA CFM	760	
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	0.80"	
Fan Total SP	-	

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-2

AREA:SHOWROOM

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT120H4E
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	-	
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	4500	4256
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	4160	
OA CFM	340	
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	0.80"	
Fan Total SP	-	

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-3

AREA: CUSTOMER

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT036H4E
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	0.50	
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	1200	1204
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	1000	
OA CFM	200	
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	0.60"	
Fan Total SP	-	

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-4

AREA:BUSINESS

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT036H4E
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	0.50	
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	1150	1489
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	950	
OA CFM	200	
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	0.70"	
Fan Total SP	-	

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-5

AREA:BUYERS

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT036H4E
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	0.50	
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	1050	1191
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	850	
OA CFM	200	
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	0.60"	
Fan Total SP	-	

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-6

AREA:DATA/PBX

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT036H4E
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	0.50	
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	975	1512
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	-	
OA CFM	-	
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	0.70"	
Fan Total SP	-	

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-7

AREA: BREAK CONF

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT048H4E
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	-	
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	1300	1279
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	1060	
OA CFM	240	
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	0.70"	
Fan Total SP	-	

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-8

AREA:PARTS

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT036H4E
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	0.50	
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	1200	1318
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	1040	
OA CFM	160	
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	0.70"	
Fan Total SP	-	

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-9

AREA: BREAK/TRAIN

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT060H4E
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	-	
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	1900	1884
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	1420	
OA CFM	480	
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	0.70"	
Fan Total SP	-	

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-10

AREA:SERVICE (ERV)

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5625F06119
Model Num	LGT210H4M	LGT210H4M
Type	RTU	RTU
Num OA Filters 1	-	1
OA Filter Size 1	-	39"X24"
Num Final Filter 1	-	6
Final Filter Size 1	-	24"X24"X2"

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	3.00	
Motor Rpm	-	
Phase	3	
Rated Voltage	480	
Rated Amperage	-	
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	
Belt Alignment	

Test Data		
	Design	Actual
SF RPM	4900	
Exhaust CFM	4900	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	

Performance Data		
	Design	Actual
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	0.75"	
Heat Wheel (Exh) P.D.	-	

**National TAB**  
 Project:02-16-26 CARMAX #7270 OMAHA, NE  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU-10/SERVICE (ERV)**

<b>Asset</b>									
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>	<b>FINAL CFM</b>	<b>% to design</b>
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: 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

**National TAB**  
 Project:02-16-26 CARMAX #7270 OMAHA, NE  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU-11/SERVICE (BP)**

<b>Asset</b>									
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>	<b>FINAL CFM</b>	<b>% to design</b>
SGRD1	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1208	1208	1208	101.9
SGRD2	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1212	1212	1212	102.3
SGRD3	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1218	1218	1218	102.8
SGRD4	SERVICE (BP)	TITUS 300RS	20X20	1185	2.77	1201	1201	1201	101.4
Total				4740		4839	4839	4839	102.09%

# 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

**National TAB**  
 Project:02-16-26 CARMAX #7270 OMAHA, NE  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU-12/SERVICE (BP)**

<b>Asset</b>									
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>	<b>FINAL CFM</b>	<b>% to design</b>
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-13

AREA:SERVICE (ERV)

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	
Model Num	LGT210H4M	LGT210H4M
Type	RTU	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	

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

Test Data		
	Design	Actual
SF RPM	4900	
Exhaust CFM	4900	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	

Performance Data		
	Design	Actual
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	0.75"	
Heat Wheel (Exh) P.D.	-	

**National TAB**  
 Project:02-16-26 CARMAX #7270 OMAHA, NE  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU-13/SERVICE (ERV)**

<b>Asset</b>									
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>	<b>FINAL CFM</b>	<b>% to design</b>
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: 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

**National TAB**  
 Project:02-16-26 CARMAX #7270 OMAHA, NE  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU-14/SERVICE (BP)**

<b>Asset</b>									
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>	<b>FINAL CFM</b>	<b>% to design</b>
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	
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	5600	
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	1600	
OA CFM	4000	3737
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	1.0"	
Fan Total SP	-	

**National TAB**  
 Project:02-16-26 CARMAX #7270 OMAHA, NE  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU-15/COSMETIC (BP)**

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

# 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	
Model Num	LGT240H4E
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	5600	
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	1600	
OA CFM	4000	
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	1.0"	
Fan Total SP	-	

**National TAB**  
 Project:02-16-26 CARMAX #7270 OMAHA, NE  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU-16/COSMETIC (BP)**

<b>Asset</b>									
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>	<b>FINAL CFM</b>	<b>% to design</b>
SGRD1	COSMETIC AREA		30X12	1000	2.5				-
SGRD2	COSMETIC AREA		30X12	1000	2.5				-
SGRD3	COSMETIC AREA		30X12	1000	2.5				-
SGRD4	COSMETIC AREA		30X12	1000	2.5				-
Total				4000		0	0	0	0%

# National TAB

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

System/Unit: AHU/RTU



Asset: RTU-17

AREA:FQC

Unit Data	
	Actual
MFG	LENNOX
Serial Num	
Model Num	LGT120H4E
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	-	
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	3000	3219
SF RPM	-	
MOTOR RPM	-	
Bypass CFM	2700	
OA CFM	300	
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	0.70"	
Fan Total SP	-	

# National TAB

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

System/Unit: FAN - Exhaust



Asset: EF-15

AREA:

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	ACRU-B 195R6B	ACRU-B 195R6B
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	3254
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	-0.37"
Discharge ESP	-	ATM
Total ESP	0.25"	0.37"

# National TAB

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

System/Unit: FAN - Exhaust



Asset: EF-18

AREA:

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	ACRU-B 195R6B	ACRU-B 195R6B
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	1048
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25"	

# National TAB

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

System/Unit: FAN - Exhaust



Asset: EF-20

AREA:

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	2850	1504
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25"	

# National TAB

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

System/Unit: FAN - Exhaust



Asset: EF-21

AREA:

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	2850	1263
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25"	