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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

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

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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	-	5573
RA CFM	-	4824
OA CFM	-	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	-	5.0
Motor Rpm	-	1765
Phase	-	3
Rated Voltage	-	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

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Unit Data - PHOTO LOG



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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"

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

Test Data		
	Design	Actual
SF CFM	-	4256
RA CFM	-	3885
OA CFM	-	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

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

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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"

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

Test Data		
	Design	Actual
SF CFM	-	1204
RA CFM	-	1013
OA CFM	-	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

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

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

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Unit Data - PHOTO LOG



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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"

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

Test Data		
	Design	Actual
SF CFM	-	1229
RA CFM	-	1028
OA CFM	-	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

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

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Unit Data - PHOTO LOG



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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"

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

Test Data		
	Design	Actual
SF CFM	-	1120
RA CFM	-	938
OA CFM	-	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

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

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Unit Data - PHOTO LOG



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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	-	0.5
Motor Rpm	-	NL
Phase	-	1
Rated Voltage	-	480
Rated Amperage	-	3.15

Test Data		
	Design	Actual
SF CFM	-	1012
RA CFM	-	1012
OA CFM	-	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

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Unit Data - PHOTO LOG



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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"

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

Test Data		
	Design	Actual
SF CFM	-	1279
RA CFM	-	1029
OA CFM	-	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

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

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Unit Data - PHOTO LOG



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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"

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

Test Data		
	Design	Actual
SF CFM	-	1318
SF RPM	-	
RA CFM	-	1159
OA CFM	-	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

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

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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"

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

Test Data		
	Design	Actual
SF CFM	-	1884
RA CFM	-	1397
OA CFM	-	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

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

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Unit Data - PHOTO LOG



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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"

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Unit Data - PHOTO LOG



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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	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%

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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"

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Unit Data - PHOTO LOG



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 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%

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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"

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Unit Data - PHOTO LOG



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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"
Num Final Filter 2	
Final Filter Size 2	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	5.0	5.0
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	480
Rated Amperage	-	6.5
Frequency	-	60
Service Factor	-	

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"	
Fan Total SP	-	

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Unit Data - PHOTO LOG



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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		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
Total				4000		3080	3737	3737	93.42%

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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"
Num Final Filter 2	
Final Filter Size 2	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
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"	
Fan Total SP	-	

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		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		
	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"

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

Test Data		
	Design	Actual
SF CFM	-	3219
RA CFM	-	2909
OA CFM	-	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

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

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Unit Data - PHOTO LOG



02/18/2026

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	-	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"

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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	-	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	1048
Fan RPM	-	420
Fan Rotation	-	CW
Motor RPM	-	1770
RL Voltage	-	115
RL Amperage	-	8.2
Suction ESP	-	-0.06
Discharge ESP	-	ATM
Total ESP	0.25"	0.06"

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	-	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	4 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	1504
Fan RPM	-	869
Fan Rotation	-	CW
Motor RPM	-	1697
RL Voltage	-	115
RL Amperage	-	11.0
Suction ESP	-	-0.04"
Discharge ESP	-	ATM
Total ESP	0.25"	-0.04"

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	-	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	1263
Fan RPM	-	878
Fan Rotation	-	CW
Motor RPM	-	1719
RL Voltage	-	115
RL Amperage	-	9.8
Suction ESP	-	-0.02
Discharge ESP	-	ATM
Total ESP	0.25"	-0.02