

Report By:

National TAB
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Report: TAB REPORT
Function: Test, Adjust, & Balance
Date: 12/18/2023

PROJECT

**09-25-23 CARMAX #7281 - BAKERSFIELD,
CA**

6801 COLONY ST

BAKERSFIELD, CA 93307

Client

Comfort Systems USA
9450 W Wingfoot Rd
Houston, TX 77041

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

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National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU1

AREA: Showroom

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622F07000
Model Num	LGH120H4M	LGH120H4MM4G
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14X23
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	184TZ
Horsepower	5.0	5.0
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	6.5

Drive Data		
	Design	Actual
Motor Sheave Size	-	5"
Motor Bore Size	-	1-3/16"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	7"
Fan Sheave Bore	-	7/8"
Belt CL Distance	-	21.5"
Num of Belts	-	1
Belt Size	-	BX57
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	4500	4921
SF RPM	-	1080
RA CFM	3950	4342
OA CFM	550	579
RL Voltage	-	475/472/477
RL Amperage	-	6.2/6.0/5.9
SF Rotation	-	CCW
RA Damper Position	-	65%
Min OA Damper Position	-	35%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.78"
Fan Suction SP	-	-1.41"
Fan Discharge SP	-	0.44"
Total ESP	1.43	1.22"
Fan Total SP	-	1.85"

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

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Project:09-25-23 CARMAX #7281 - BAKERSFIELD, CA

AHU/RTU



Diffuser Supply (GRD)

RTU1/Showroom

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU1-SGRD1	SHOP OFFICE		8"	250					-
RTU1-SGRD2	SHOP MGR		8"	250					-
Total				500		0	0	0	0%

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Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU2

AREA: Showroom

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622F07001
Model Num	LGH120H4M	LGH120H4MM4G
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14X23
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	184TZ
Horsepower	5.0	5
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	6.5

Drive Data		
	Design	Actual
Motor Sheave Size	-	5"
Motor Bore Size	-	1-3/16"
Motor Sheave SetPt	-	5 TURNS OPEN
Fan Sheave Size	-	7"
Fan Sheave Bore	-	7/8"
Belt CL Distance	-	21.5"
Num of Belts	-	1
Belt Size	-	BX57
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	4500	4911
SF RPM	-	1140
RA CFM	3950	4320
OA CFM	550	591
RL Voltage	-	472/474/475
RL Amperage	-	6.2/5.9/5.8
SF Rotation	-	CCW
RA Damper Position	-	70%
Min OA Damper Position	-	30%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.98"
Fan Suction SP	-	-1.61"
Fan Discharge SP	-	0.79"
Total ESP	1.43"	1.77"
Fan Total SP	-	2.4"

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

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Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU3

AREA:Buyers

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622G06954
Model Num	LGH060H4EU5G	LGH048H4ES5G
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	14X29
Num Final Filter 1	-	4
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	3/4	0.75
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	460
Rated Amperage	-	3.1

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

Test Data		
	Design	Actual
SF CFM	1400	1529
SF RPM	-	100%
RA CFM	1120	1228
OA CFM	280	301
RL Voltage	-	472
RL Amperage	-	2.45
SF Rotation	-	CCW
RA Damper Position	-	87%
Min OA Damper Position	-	13%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.13"
Fan Suction SP	-	-0.31"
Fan Discharge SP	-	0.69"
Total ESP	0.80"	0.82"
Fan Total SP	-	1.00"

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

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Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU4

AREA:Customer

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622G07044
Model Num	LGH060H4EU5G	LGH060H4HEU5G
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	14X29
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1.0	1
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	460
Rated Amperage	-	3.7

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

Test Data		
	Design	Actual
SF CFM	2000	1871
SF RPM	-	NA
RA CFM	1725	1582
OA CFM	275	289
RL Voltage	-	472
RL Amperage	-	2.9
SF Rotation	-	CCW
RA Damper Position	-	70%
Min OA Damper Position	-	30%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	NA

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.19"
Fan Suction SP	-	-0.36"
Fan Discharge SP	-	0.17"
Total ESP	0.80"	0.36"
Fan Total SP	-	0.53"

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

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Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU5

AREA:Business

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622G07047
Model Num	LGH074H4T	LGH074H4TU1G
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	14X29
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	2400	2557
SF RPM	-	936
RA CFM	2100	2246
OA CFM	300	311
RL Voltage	-	471/471/472
RL Amperage	-	2.7/2.5/2.5
SF Rotation	-	CCW
RA Damper Position	-	75%
Min OA Damper Position	-	25%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	56HZ
Horsepower	2.0	2.0
Motor Rpm	-	1740
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	2.9

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.41"
Fan Suction SP	-	-0.66"
Fan Discharge SP	-	0.70"
Total ESP	0.80"	1.11"
Fan Total SP	-	1.36"

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	3 TURNS OPEN
Fan Sheave Size	-	7"
Fan Sheave Bore	-	1"
Belt CL Distance	-	19.5"
Num of Belts	-	1
Belt Size	-	A50
Belt Alignment	-	VERIFIED

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

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Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU6

AREA:Breakroom

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622G06826
Model Num	LCH048H4E	LGH048H4ES5G
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	14X29
Num Final Filter 1	-	4
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	3/4	0.75
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	460
Rated Amperage	-	3.1

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

Test Data		
	Design	Actual
SF CFM	1600	1677
SF RPM	-	NA
RA CFM	1370	1436
OA CFM	230	241
RL Voltage	-	467
RL Amperage	-	2.6
SF Rotation	-	CCW
RA Damper Position	-	75%
Min OA Damper Position	-	25%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.16"
Fan Suction SP	-	-0.38"
Fan Discharge SP	-	0.21"
Total ESP	0.80	0.37"
Fan Total SP	-	0.59"

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

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Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU7

AREA:Data/PBX

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622H036H4EN4G
Model Num	LGH036H4E	LGH048H4E
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	N/A
OA Filter Size 1	-	N/A
Num Final Filter 1	-	4
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	1/2	0.5
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	460
Rated Amperage	-	2.2

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

Test Data		
	Design	Actual
SF CFM	975	899
SF RPM	-	NA
RA CFM	975	899
OA CFM	-	0
RL Voltage	-	469
RL Amperage	-	0.5
SF Rotation	-	CCW
RA Damper Position	-	100%
Min OA Damper Position	-	N/A
Min OA Damper Type	-	N/A
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.08"
Fan Suction SP	-	-0.15"
Fan Discharge SP	-	0.04"
Total ESP	0.75	0.12"
Fan Total SP	-	0.19"

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

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Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU8

AREA:Parts

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622G06950
Model Num	LGH048H4E	LGH048H4ES5G
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	14X29
Num Final Filter 1	-	4
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	3/4	0.75
Motor Rpm	-	NL
Phase	3	1
Rated Voltage	480	460
Rated Amperage	-	3.1

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

Test Data		
	Design	Actual
SF CFM	1300	1193
SF RPM	-	NA
RA CFM	1000	901
OA CFM	300	292
RL Voltage	-	470
RL Amperage	-	2.1
SF Rotation	-	CCW
RA Damper Position	-	65%
Min OA Damper Position	-	35%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	NA

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.13"
Fan Suction SP	-	-0.30"
Fan Discharge SP	-	0.14"
Total ESP	0.80"	0.27"
Fan Total SP	-	0.44"

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

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Project:09-25-23 CARMAX #7281 - BAKERSFIELD, CA

AHU/RTU



Diffuser Supply (GRD)

RTU8/Parts

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU8-SGRD1	PARTS	8/8 NK		135	1	209	147	147	108.9
RTU8-SGRD2	PARTS	8/8 NK		135	1	189	142	142	105.2
RTU8-SGRD3	PARTS	10/6 NK		140	1	147	152	152	108.6
RTU8-SGRD4	PARTS	10/6 NK		140	1	129	149	149	106.4
RTU8-SGRD5	PARTS	8/8 NK		140	1	147	153	153	109.3
RTU8-SGRD6	PARTS	8/8 NK		140	1	162	151	151	107.9
RTU8-SGRD7	PARTS	8/8 NK		140	1	159	145	145	103.6
RTU8-SGRD8	PARTS	8/8 NK		140	1	102	154	154	110.0
Total				1110		1244	1193	1193	107.48%

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU9

AREA:Break/Train

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622G07046
Model Num	LGH300H4B	LGH074H4TS1G
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	14X29
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	2500	2625
SF RPM	-	948
RA CFM	2050	2153
OA CFM	450	472
RL Voltage	-	478/477/477
RL Amperage	-	2.4/2.4/2.2
SF Rotation	-	CCW
RA Damper Position	-	70%
Min OA Damper Position	-	30%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	NA

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	56HZ
Horsepower	2.0	5.0
Motor Rpm	-	1740
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	2.9

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.73"
Fan Suction SP	-	-1.02"
Fan Discharge SP	-	0.37"
Total ESP	1.0	1.10"
Fan Total SP	-	1.39"

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	3 TURNS OPEN
Fan Sheave Size	-	6"
Fan Sheave Bore	-	1"
Belt CL Distance	-	19"
Num of Belts	-	1
Belt Size	-	A50
Belt Alignment	-	VERIFIED

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

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Project:09-25-23 CARMAX #7281 - BAKERSFIELD, CA

AHU/RTU



Diffuser Supply (GRD)

RTU9/Break/Train

Asset													
Asset Name	Location	Type	MFG	Size	Model Num	DESIGN CFM	AK	VEL(1)	CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design
RTU9-SGRD1	TRAINING		NA	8"	NA	270	1	N/A	370	N/A	282	282	104.4
RTU9-SGRD2	TRAINING		NA	8"	NA	270	1	N/A	289	N/A	292	292	108.1
RTU9-SGRD3	TRAINING		NA	8"	NA	270	1	N/A	310	N/A	296	296	109.6
RTU9-SGRD4	TRAINING		NA	8"	NA	270	1	N/A	332	N/A	293	293	108.5
RTU9-SGRD5	BREAK ROOM		NA	8"	NA	270	1	N/A	172	N/A	279	279	103.3
RTU9-SGRD6	BREAK ROOM		NA	8"	NA	270	1	N/A	241	N/A	297	297	110.0
RTU9-SGRD7	BREAK ROOM		NA	8"	NA	270	1	N/A	276	N/A	295	295	109.3
RTU9-SGRD8	CORRIDOR		NA	8"	NA	100	1	N/A	172	N/A	107	107	107.0
RTU9-SGRD9	WOMENS RR												
RTU9-SGRD10	MENS RR												
Total						2482			2162		2141	2141	86.26%

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU10

AREA:Service Area (BP)

Unit Data		
	Design	Actual
MFG	Lennox	LENNOX
Serial Num	-	5622F08663
Model Num	LGH300H4B	LGH300H4BH2G
Type	RTU	RTU
Configuration	Vertical	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	38X11
Num Final Filter 1	-	12
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	7000	7106
SF RPM	-	758
RA CFM	2000	2123
OA CFM	5000	4982
RL Voltage	-	475/477/477
RL Amperage	-	7.5/7.4/7.2
SF Rotation	-	CCW
RA Damper Position	-	100% OPEN
Min OA Damper Position	-	100% OPEN
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	184TZ
Horsepower	5.0	5
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	7.6

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.33"
Fan Suction SP	-	-1.13"
Fan Discharge SP	-	0.66"
Total ESP	1.0"	0.99"
Fan Total SP	-	1.79"

Drive Data		
	Design	Actual
Motor Sheave Size	-	5.5"
Motor Bore Size	-	1-1/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	12"
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	24"
Num of Belts	-	1
Belt Size	-	BX71
Belt Alignment	-	VERIFIED

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	100% LOADED
Condensate Drain Installed	-	YES

Completed By: Zack Eismin on 10/13/2023

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Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU11

AREA:SERVICE (BP)

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622F08660
Model Num	LGH300H4B	LGH300H4BH2G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	38X11
Num Final Filter 1	-	12
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	7000	7442
SF RPM	-	756
RA CFM	2000	2015
OA CFM	5000	5426
RL Voltage	-	475/476/477
RL Amperage	-	7.2/6.8/6.9
SF Rotation	-	CCW
RA Damper Position	-	100%
Min OA Damper Position	-	100%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	184TZ
Horsepower	5.0	5.0
Motor Rpm	-	17
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	7.6

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.39"
Fan Suction SP	-	-1.11"
Fan Discharge SP	-	0.62"
Total ESP	1.0"	1.01"
Fan Total SP	-	1.73"

Drive Data		
	Design	Actual
Motor Sheave Size	-	5.5"
Motor Bore Size	-	1-1/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	12"
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	23.5"
Num of Belts	-	1
Belt Size	-	BX71
Belt Alignment	-	VERIFIED

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	100% LOADED
Condensate Drain Installed	-	YES

Completed By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU12

AREA:SERVICE (BP)

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622H03177
Model Num	LGH300H4B	LGH300H4B
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	38X11
Num Final Filter 1	-	12
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	7000	6879
SF RPM	-	762
RA CFM	2000	2142
OA CFM	5000	4737
RL Voltage	-	473/475/473
RL Amperage	-	6.5/6.5/6.2
SF Rotation	-	CCW
RA Damper Position	-	50%
Min OA Damper Position	-	100%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	184TZ
Horsepower	5.0	5.0
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	7.6

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.64"
Fan Suction SP	-	-1.06"
Fan Discharge SP	-	0.27"
Total ESP	1.0"	0.91"
Fan Total SP	-	1.33"

Drive Data		
	Design	Actual
Motor Sheave Size	-	5.5"
Motor Bore Size	-	1-1/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	12"
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	29"
Num of Belts	-	1
Belt Size	-	BX71
Belt Alignment	-	VERIFIED

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

Completed By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU13

AREA:SERVICE (BP)

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622F08652
Model Num	LGH300H4B	LGH300H4B
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	11X38
Num Final Filter 1	-	12
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	7000	7528
SF RPM	-	762
RA CFM	2000	2101
OA CFM	5000	5427
RL Voltage	-	477/475/475
RL Amperage	-	7.4/7.5/7.5
SF Rotation	-	CCW
RA Damper Position	-	100% OPEN
Min OA Damper Position	-	100% OPEN
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	184TZ
Horsepower	5.0	5.0
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	7.6

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.45"
Fan Suction SP	-	-0.85"
Fan Discharge SP	-	0.51"
Total ESP	1.0"	0.96"
Fan Total SP	-	1.36"

Drive Data		
	Design	Actual
Motor Sheave Size	-	5.5"
Motor Bore Size	-	1-1/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	12"
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	29"
Num of Belts	-	1
Belt Size	-	BX71
Belt Alignment	-	VERIFIED

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	NO 70% LOADED
Condensate Drain Installed	-	YES

Completed By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU14

AREA:SERVICE (ERV)

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622E05536
Model Num	LGH210H4B	LGH210H4BM3G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	39X24
Num Final Filter 1	-	6
Final Filter Size 1	-	20X24X2

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	3.0	3
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.8

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	BK72
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	20.5"
Num of Belts	-	1
Belt Size	-	BX55
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	5250	5377
SF RPM	-	727
RA CFM	0	0
OA CFM	5250	5377
RL Voltage	-	477/475/478
RL Amperage	-	4.5/4.3/4.1
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	N/A
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.51"
Fan Suction SP	-	-0.71"
Fan Discharge SP	-	0.41"
Total ESP	0.75"	0.92"
Fan Total SP	-	1.12"

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

Completed By: Zack Eismin on 10/13/2023

Notes:
ERV system not operational. Unable to balance unit.

Written By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU15

AREA:SERVICE (ERV)

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622E05530
Model Num	LGH210H4B	LGH210H4BM3G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	38X24
Num Final Filter 1	-	6
Final Filter Size 1	-	20X24X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	5250	5391
SF RPM	-	750
RA CFM	0	0
OA CFM	5250	5391
RL Voltage	-	477/477/477
RL Amperage	-	4.8/4.7/4.8
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	N/A
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	3.0	3
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.8

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.47"
Fan Suction SP	-	-0.77"
Fan Discharge SP	-	0.45"
Total ESP	0.75	0.92"
Fan Total SP	-	1.22"

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	BK72
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	20.5"
Num of Belts	-	1
Belt Size	-	BX55
Belt Alignment	-	VERIFIED

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

Completed By: Zack Eismin on 10/13/2023

National TAB

Project:09-25-23 CARMAX #7281 - BAKERSFIELD, CA

AHU/RTU



Diffuser Supply (GRD)

RTU15/SERVICE (ERV)

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU15-SGRD1	COMP ROOM		12"	450	1	362	437	437	97.1
RTU15-SGRD2	SHOP OFFICE		8"	25	1	79	24	24	96.0
RTU15-SGRD3	MGR OFFICE		6"	25	1	49	27	27	108.0
Total				500		490	488	488	97.6%

Completed By: Zack Eismin on 12/12/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU16

AREA:SERVICE

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622F08655
Model Num	LGH300H4B	LGH300H4BH2G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	38X11
Num Final Filter 1	-	12
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	7000	7261
SF RPM	-	761
RA CFM	2000	2169
OA CFM	5000	5091
RL Voltage	-	477/478/477
RL Amperage	-	6.4/6.2/5.8
SF Rotation	-	CCW
RA Damper Position	-	75%
Min OA Damper Position	-	100%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	184TZ
Horsepower	5.0	5.0
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	7.6

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.41"
Fan Suction SP	-	-0.89"
Fan Discharge SP	-	0.68"
Total ESP	1.0"	1.09"
Fan Total SP	-	1.57"

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP56BB
Motor Bore Size	-	1-1/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	12"
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	23.5"
Num of Belts	-	1
Belt Size	-	BX71
Belt Alignment	-	VERIFIED

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	NO, 100% LOAD
Condensate Drain Installed	-	YES

Completed By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU17

AREA:SERVICE

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622F08654
Model Num	LGH300H4B	LGH300H4BH2G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	38X11
Num Final Filter 1	-	12
Final Filter Size 1	-	20X20X2

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	184TZ
Horsepower	5.0	5.0
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	7.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	5.5"
Motor Bore Size	-	1-1/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	12"
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	23.5"
Num of Belts	-	1
Belt Size	-	BX71
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	7000	7129
SF RPM	-	758
RA CFM	2000	2200
OA CFM	5000	4929
RL Voltage	-	473/473/476
RL Amperage	-	6.8/6.5/6.7
SF Rotation	-	CCW
RA Damper Position	-	75%
Min OA Damper Position	-	100%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.52"
Fan Suction SP	-	-0.96"
Fan Discharge SP	-	0.66"
Total ESP	1.0"	1.18"
Fan Total SP	-	1.62"

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

Completed By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU18

AREA:FQC

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622F07002
Model Num	LGH120H4M	LGH120H4MM4G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	23X14
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	2.0	3
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.8

Drive Data		
	Design	Actual
Motor Sheave Size	-	5"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	3 TURN OPEN
Fan Sheave Size	-	7"
Fan Sheave Bore	-	1"
Belt CL Distance	-	22.5"
Num of Belts	-	1
Belt Size	-	AX58
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	3000	3271
SF RPM	-	871
RA CFM	2700	2949
OA CFM	300	322
RL Voltage	-	472/472/475
RL Amperage	-	4.3/4.4/4.5
SF Rotation	-	CCW
RA Damper Position	-	75%
Min OA Damper Position	-	25%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	N/A

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.73"
Fan Suction SP	-	-1.08"
Fan Discharge SP	-	0.31"
Total ESP	1.0	1.04"
Fan Total SP	-	1.39"

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

Completed By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU19

AREA:FQC

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5619M01329
Model Num	LGH092H4M	LGH120H4MH3G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14X23
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	2400	2389
SF RPM	-	751
RA CFM	2100	2097
OA CFM	300	292
RL Voltage	-	477/479/480
RL Amperage	-	1.78/1.89/1.92
SF Rotation	-	CCW
RA Damper Position	-	70%
Min OA Damper Position	-	30%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	NA

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	2.0	3
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.8

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.37"
Fan Suction SP	-	-0.64"
Fan Discharge SP	-	0.21"
Total ESP	0.75"	0.58"
Fan Total SP	-	0.85"

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	4 TURNS OPEN
Fan Sheave Size	-	7"
Fan Sheave Bore	-	1"
Belt CL Distance	-	21.5"
Num of Belts	-	1
Belt Size	-	AX58
Belt Alignment	-	VERIFIED

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	NO, LOADED
Condensate Drain Installed	-	YES

Completed By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU20

AREA: COSMETIC

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622E05054
Model Num	LCH210H4M	LCH210H4MN3G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	23X14
Num Final Filter 1	-	6
Final Filter Size 1	-	24X24X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	5250	5621
SF RPM	-	815
RA CFM	5250	5621
OA CFM	0	0
RL Voltage	-	477/478/477
RL Amperage	-	4.8/4.7/4.8
SF Rotation	-	CCW
RA Damper Position	-	100%
Min OA Damper Position	-	0%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	NA

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	3.0	3
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.8

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.49"
Fan Suction SP	-	-0.72
Fan Discharge SP	-	0.52"
Total ESP	1.0	1.01"
Fan Total SP	-	1.24"

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	7"
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	20.5"
Num of Belts	-	1
Belt Size	-	BX55
Belt Alignment	-	VERIFIED

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	NO, 100% LOAD
Condensate Drain Installed	-	YES

Completed By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: AHU/RTU



Asset: RTU21

AREA:SERVICE

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622E04974
Model Num	LCH210H4M	LCH210H4MN3G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	23X14
Num Final Filter 1	-	6
Final Filter Size 1	-	24X24X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	5250	5692
SF RPM	-	833
RA CFM	5250	5692
OA CFM	-	0
RL Voltage	-	
RL Amperage	-	4.5/4.4/4.5
SF Rotation	-	CCW
RA Damper Position	-	100%
Min OA Damper Position	-	0%
Min OA Damper Type	-	N/A
OA Enthalpy Setpt	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	3.0	3
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.8

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.49"
Fan Suction SP	-	-0.79"
Fan Discharge SP	-	0.43"
Total ESP	0.75"	0.92"
Fan Total SP	-	1.28"

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1 TURN OPEN
Fan Sheave Size	-	7"
Fan Sheave Bore	-	1-3/16"
Belt CL Distance	-	20.5"
Num of Belts	-	1
Belt Size	-	BX55
Belt Alignment	-	VERIFIED

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

Completed By: Zack Eismin on 10/13/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: FAN - Exhaust



Asset: ERV1

AREA:RTU 14&15

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Model Num	50R6252XM	50R6252XM
Serial Num	-	20224600150
Type	ERV	ERV
Configuration	-	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Frame	-	Y56Y
Horsepower	5.0	5
Motor Rpm	-	1725
Phase	3	3
Voltage (rated)	480	230/460
Amperage (rated)	-	14.4/7.2
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	5250	5347
Fan RPM	-	1012
Fan Rotation	-	CCW
Motor RPM	-	1760
System SetPt	-	3 TURNS OPEN
RL Voltage	-	486/486/485
RL Amperage	-	5.4/5.3/5.3
Total ESP	-	0.60"
Fan Inlet SP	-	-0.105"
Fan Discharge SP	-	0.49"

Completed By: Zack Eismin on 12/11/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: FAN - Exhaust



Asset: ERV2

AREA:

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Model Num	NA	50R6252XM33
Serial Num	-	20224600150
Type	-	ERV
Configuration	-	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Frame	-	Y56Y
Horsepower	-	5
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	14.4/7.2
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	-	5391
Fan RPM	-	1012
Fan Rotation	-	CCW
Motor RPM	-	1761
System SetPt	-	3 TURNS OPEN
RL Voltage	-	486/485/485
RL Amperage	-	5.3/5.3/5.2
Total ESP	-	0.63"
Fan Inlet SP	-	0.11"
Fan Discharge SP	-	0.52"

Completed By: Zack Eismin on 12/11/2023

Notes:
SERVES RTU-15

Written By: Zack Eismin on 12/11/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: FAN - Exhaust



Asset: ERV1-EF1

AREA:

Unit Data		
	Design	Actual
MFG	NA	CENTURY
Model Num	NA	N/A

Test Data		
	Design	Actual
CFM	5000	5113

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Horsepower	-	5
Motor Rpm	-	1755
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	12.6/6.3

Completed By: Zack Eismin on 12/11/2023

Notes:

FAN RPM 1061
486/486/485
5.0/4.9/4.9
INLET -0.47"
EXHAUST ATM

Written By: Zack Eismin on 12/11/2023

National TAB

Project: 09-25-23 CARMAX #7281 - BAKERSFIELD, CA

System/Unit: FAN - Exhaust



Asset: ERV2-EF1

AREA:

Unit Data		
	Design	Actual
MFG	NA	CENTURY
Model Num	NA	N/A

Test Data		
	Design	Actual
CFM	5000	5078

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Horsepower	-	5
Motor Rpm	-	1755
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	12.6/6.3

Notes:

RPM 1063

485/485/484

4.9/4.8/5.1

INLET 0.47"

ATM

Written By: Zack Eismin on 12/11/2023