

Report By:

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



Report: TAB REPORT
Function: Test, Adjust, & Balance
Date: 08/25/2023

PROJECT
08-21-23 CARMAX #7283 COLUMBUS, OH

3800 Morse Rd

Columbus , OH 43219

Client

Comfort Systems USA
9450 W Wingfoot Rd
Houston, TX 77041

National TAB

Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

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Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU1

AREA:SHOW ROOM

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622F01144
Model Num	LGA360H	LGH156H4MS5G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	24.5" X 16"
Num Final Filter 1	-	6
Final Filter Size 1	-	24" X 24" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	56HZ
Horsepower	3.0	3
Motor Rpm	-	1740
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.75"
Motor Bore Size	-	0.875"
Motor Sheave SetPt	-	4 TURNS OUT
Fan Sheave Size	-	7"
Fan Sheave Bore	-	1"
Belt CL Distance	-	20.5"
Num of Belts	-	1
Belt Size	-	BX55
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	5500	5355
SF RPM	-	648.5
RA CFM	4700	4422
OA CFM	800	933
RL Voltage	-	495.5
RL Amperage	-	3.37
SF Rotation	-	CCW
RA Damper Position	-	65%
Min OA Damper Position	-	35%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.27"
Fan Suction SP	-	-0.42"
Fan Discharge SP	-	0.42"
Total ESP	0.8"	0.69"
Fan Total SP	-	0.84"

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

Completed By: Jordan Best on 08/24/2023

Notes:
OA @ LOWEST POSSIBLE SETTING WITH DAMPER OPENED AS MINIMALLY AS POSSIBLE

Written By: Jordan Best on 08/24/2023

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Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU2

AREA:SHOW ROOM

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622F01147
Model Num	LGA360H	LGH156H4MS5G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	24.5" X 16"
Num Final Filter 1	-	6
Final Filter Size 1	-	24" X 24" X 2"

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

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.75"
Motor Bore Size	-	0.875"
Motor Sheave SetPt	-	4 TURNS OUT
Fan Sheave Size	-	7"
Fan Sheave Bore	-	1"
Belt CL Distance	-	21"
Num of Belts	-	1
Belt Size	-	BX61
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	5500	5112
SF RPM	-	814
RA CFM	4700	4080
OA CFM	800	1032
RL Voltage	-	490
RL Amperage	-	4.5
SF Rotation	-	CCW
RA Damper Position	-	65%
Min OA Damper Position	-	35%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.47"
Fan Suction SP	-	-0.74"
Fan Discharge SP	-	0.83"
Total ESP	0.8"	1.21"
Fan Total SP	-	1.57"

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

Completed By: Jordan Best on 08/23/2023

Notes:
OA @ LOWEST POSSIBLE SETTING WITH DAMPER OPENED AS MINIMALLY AS POSSIBLE

Written By: Jordan Best on 08/23/2023

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Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU3

AREA:BUYERS

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622G11271
Model Num	LGA360H	LGH048H4ES5G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	30" X 15"
Num Final Filter 1	-	4
Final Filter Size 1	-	20" X 16" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.50	NA
Motor Rpm	-	NA
Phase	3	NA
Rated Voltage	480	NA
Rated Amperage	-	NA

Test Data		
	Design	Actual
SF CFM	1280	1180
SF RPM	-	NA
RA CFM	980	873
OA CFM	300	307
RL Voltage	-	491
RL Amperage	-	1.3
SF Rotation	-	CCW
RA Damper Position	-	65%
Min OA Damper Position	-	35%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.06"
Fan Suction SP	-	-0.18"
Fan Discharge SP	-	0.19"
Total ESP	0.6"	0.25"
Fan Total SP	-	0.37"

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

Completed By: Jordan Best on 08/23/2023

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Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU4

AREA:SALES WEST

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622G07038
Model Num	LGA360H	LGH102H4MS4G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	15.5" X 25"
Num Final Filter 1	-	4
Final Filter Size 1	-	20" X 25" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	2.0	0.33
Motor Rpm	-	NA
Phase	3	1
Rated Voltage	480	NA
Rated Amperage	-	1.3

Drive Data		
	Design	Actual
Motor Sheave Size	-	NA
Motor Bore Size	-	NA
Motor Sheave SetPt	-	NA
Fan Sheave Size	-	NA
Fan Sheave Bore	-	NA
Belt CL Distance	-	NA
Num of Belts	-	1
Belt Size	-	AX54
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	2900	3143
SF RPM	-	NA
RA CFM	2300	2596
OA CFM	600	547
RL Voltage	-	489
RL Amperage	-	3.03
SF Rotation	-	CW
RA Damper Position	-	70%
Min OA Damper Position	-	30%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.23"
Fan Suction SP	-	-0.55"
Fan Discharge SP	-	0.63"
Total ESP	0.6"	0.78"
Fan Total SP	-	1.18"

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

Completed By: Jordan Best on 08/23/2023

Notes:

UNAVLE TO RECORD RPM, AS WELL AS MEASURE DRICE DATA DUE TO GAS LINE INSTALLATION PREVENTING MOTOR DOOR COMPARTMENT FROM OPENING

Written By: Jordan Best on 08/23/2023

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Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU5

AREA:SALES EAST

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622G11277
Model Num	LGA360H	LGH048H4ES5G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAK
Num OA Filters 1	-	1
OA Filter Size 1	-	30" X 15"
Num Final Filter 1	-	4
Final Filter Size 1	-	20" X 16" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.50	NA
Motor Rpm	-	NA
Phase	3	NA
Rated Voltage	480	NA
Rated Amperage	-	NA

Test Data		
	Design	Actual
SF CFM	1280	1202
SF RPM	-	NA
RA CFM	980	889
OA CFM	300	313
RL Voltage	-	486.5
RL Amperage	-	1.42
SF Rotation	-	CCW
RA Damper Position	-	65%
Min OA Damper Position	-	35%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.04"
Fan Suction SP	-	-0.21"
Fan Discharge SP	-	0.4"
Total ESP	0.6"	0.25"
Fan Total SP	-	0.61"

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

Completed By: Jordan Best on 08/23/2023

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Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU6

AREA:OFFICE/CONF

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622G11281
Model Num	LGA360H	LGH048H4ES5G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	30" X 15"
Num Final Filter 1	-	4
Final Filter Size 1	-	20" X 16" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.50	NA
Motor Rpm	-	NA
Phase	3	NA
Rated Voltage	480	NA
Rated Amperage	-	NA

Test Data		
	Design	Actual
SF CFM	1280	1160
SF RPM	-	NA
RA CFM	1080	950
OA CFM	200	210
RL Voltage	-	489.3
RL Amperage	-	1.45
SF Rotation	-	CCW
RA Damper Position	-	73%
Min OA Damper Position	-	27%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.05"
Fan Suction SP	-	-0.22"
Fan Discharge SP	-	0.38"
Total ESP	0.6"	0.27"
Fan Total SP	-	0.43"

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

Completed By: Jordan Best on 08/23/2023

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Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU7

AREA: CUSTOMER LOUNGE

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622G11294
Model Num	LGA360H	LGH048H4ES5G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	30" X 15"
Num Final Filter 1	-	4
Final Filter Size 1	-	20" X 16" X 2"
Num Final Filter 2	-	-
Final Filter Size 2	-	-

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.5	NA
Motor Rpm	-	NA
Phase	3	NA
Rated Voltage	480	NA
Rated Amperage	-	NA

Test Data		
	Design	Actual
SF CFM	1280	1320
SF RPM	-	NA
RA CFM	980	1014
OA CFM	300	306
RL Voltage	-	488
RL Amperage	-	1.38
SF Rotation	-	CCW
RA Damper Position	-	65%
Min OA Damper Position	-	35%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.07"
Fan Suction SP	-	-0.12"
Fan Discharge SP	-	0.24"
Total ESP	0.6"	0.19"
Fan Total SP	-	0.36"

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

Completed By: Jordan Best on 08/23/2023

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Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU8

AREA:BUSINESS

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622H01327
Model Num	LGA360H	LGH074H4TU1G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	30" X 15"
Num Final Filter 1	-	4
Final Filter Size 1	-	20" X 20" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	56HZ
Horsepower	1.50	2
Motor Rpm	-	1740
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	2.9

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.0875
Motor Bore Size	-	0.875"
Motor Sheave SetPt	-	4 TURNS OUT
Fan Sheave Size	-	7.5"
Fan Sheave Bore	-	0.875"
Belt CL Distance	-	19.5"
Num of Belts	-	1
Belt Size	-	A53
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	2200	2231
SF RPM	-	764.5
RA CFM	1800	1810
OA CFM	400	421
RL Voltage	-	490
RL Amperage	-	2.08
SF Rotation	-	CW
RA Damper Position	-	70%
Min OA Damper Position	-	30%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.3"
Fan Suction SP	-	-0.47"
Fan Discharge SP	-	0.4"
Total ESP	0.6"	0.77"
Fan Total SP	-	0.87"

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

Completed By: Jordan Best on 08/23/2023

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Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU9

AREA:DATA/PBX

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622G08954
Model Num	LCA036H	LCH036H4EN4G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	0
Num Final Filter 1	-	4
Final Filter Size 1	-	20" X 16" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.5	0.33
Motor Rpm	-	NA
Phase	3	NA
Rated Voltage	480	NA
Rated Amperage	-	NA

Test Data		
	Design	Actual
SF CFM	975	1025
SF RPM	-	630
RA CFM	975	1025
OA CFM	0	0
RL Voltage	-	486.4
RL Amperage	-	0.86
SF Rotation	-	CW
RA Damper Position	-	100%
Min OA Damper Position	-	NA
Min OA Damper Type	-	NA

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.07"
Fan Suction SP	-	-0.17"
Fan Discharge SP	-	0.18"
Total ESP	0.6"	0.25"
Fan Total SP	-	0.35"

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

Completed By: Jordan Best on 08/24/2023

Notes:
FAN CURVE USED TO CALCULATE AIRFLOW.

Written By: Will Turnbough on 08/24/2023

National TAB

Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU10

AREA:SERVICE WRITER

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622G11265
Model Num	LGA042H	LGH048H4ES5G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	30" X 15"
Num Final Filter 1	-	4
Final Filter Size 1	-	16" X 20" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.5	NA
Motor Rpm	-	NA
Phase	3	NA
Rated Voltage	480	NA
Rated Amperage	-	NA

Test Data		
	Design	Actual
SF CFM	1300	1239
SF RPM	-	NA
RA CFM	1100	1020
OA CFM	200	219
RL Voltage	-	486.4
RL Amperage	-	1.58
SF Rotation	-	CW
RA Damper Position	-	75%
Min OA Damper Position	-	25%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.16"
Fan Suction SP	-	-0.29"
Fan Discharge SP	-	0.38"
Total ESP	0.6"	0.54"
Fan Total SP	-	0.67"

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

Completed By: Jordan Best on 08/23/2023

National TAB

Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU11

AREA:SERVICE AREA

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622H03314
Model Num	LGA360H	LGH360H4BH2G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	
Num Final Filter 1	-	12
Final Filter Size 1	-	20" X 20" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	184T
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	-	5.25"
Motor Bore Size	-	1"
Motor Sheave SetPt	-	1 TURN OUT
Fan Sheave Size	-	11.5"
Fan Sheave Bore	-	1"
Belt CL Distance	-	23"
Num of Belts	-	1
Belt Size	-	
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	8400	8556
SF RPM	-	813
RA CFM	2900	2954
OA CFM	5500	5602
RL Voltage	-	488.3
RL Amperage	-	6.8
SF Rotation	-	CCW
RA Damper Position	-	3"
Min OA Damper Position	-	100%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.63"
Fan Suction SP	-	-0.86"
Fan Discharge SP	-	0.17"
Total ESP	0.8"	1.49"
Fan Total SP	-	1.03"

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

Completed By: Nick Payne on 08/30/2023

Notes:
Unit missing 8 final filters

Written By: Jordan Best on 08/23/2023

National TAB

Project:08-21-23 CARMAX #7283 COLUMBUS, OH

AHU/RTU



Diffuser Supply (GRD)

RTU11/SERVICE AREA

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	SERVICE AREA	NK5	30/12	1100					-
SGRD2	SERVICE AREA	NK5	30/12	1100					-
SGRD3	SERVICE AREA	NK5	30/12	1100					-
SGRD4	SERVICE AREA	NK5	30/12	1100					-
SGRD5	SERVICE AREA	NK5	30/12	1100					-
Total				5500		0	0	0	0%

National TAB

Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU12

AREA:SERVICE AREA

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622H03312
Model Num	LGA360H	LGH360H4BH2G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	39" X 14"
Num Final Filter 1	-	12
Final Filter Size 1	-	20" X 20" X 2

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
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	-	5.25"
Motor Bore Size	-	1"
Motor Sheave SetPt	-	1 TURN OUT
Fan Sheave Size	-	11.5"
Fan Sheave Bore	-	1"
Belt CL Distance	-	23"
Num of Belts	-	1
Belt Size	-	
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	8400	8216
SF RPM	-	846
RA CFM	2900	2783
OA CFM	5500	5433
RL Voltage	-	487.4
RL Amperage	-	6.7
SF Rotation	-	CCW
RA Damper Position	-	3"
Min OA Damper Position	-	100%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.57"
Fan Suction SP	-	-0.92"
Fan Discharge SP	-	0.45
Total ESP	0.8"	1.49"
Fan Total SP	-	1.37"

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

Completed By: Nick Payne on 08/30/2023

National TAB

Project:08-21-23 CARMAX #7283 COLUMBUS, OH

AHU/RTU



Diffuser Supply (GRD)

RTU12/SERVICE AREA

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	SERVICE AREA	NK4	30/12	1275					-
SGRD2	SERVICE AREA	NK4	30/12	1275					-
SGRD3	SERVICE AREA	NK4	30/12	1275					-
SGRD4	SERVICE AREA	NK4	30/12	1275					-
SGRD5	SERVICE AREA	NK4	10/10	200					-
SGRD6	SERVICE AREA	NK4	10/10	200					-
Total				5500		0	0	0	0%

National TAB

Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: AHU/RTU



Asset: RTU13

AREA: BREAK/TRAIN

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622G11289
Model Num	LGA048H	LGH048H4ES5G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	30" X 15"
Num Final Filter 1	-	4
Final Filter Size 1	-	16" X 20" X 2"

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.5	NA
Motor Rpm	-	NA
Phase	3	NA
Rated Voltage	480	NA
Rated Amperage	-	NA

Test Data		
	Design	Actual
SF CFM	1300	1309
SF RPM	-	NA
RA CFM	420	438
OA CFM	880	871
RL Voltage	-	483.7
RL Amperage	-	1.25
SF Rotation	-	CW
RA Damper Position	-	33%
Min OA Damper Position	-	67%
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.17"
Fan Suction SP	-	-0.31"
Fan Discharge SP	-	0.23"
Total ESP	6"	0.48"
Fan Total SP	-	0.54"

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

Completed By: Jordan Best on 08/23/2023

National TAB

Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: FAN - Exhaust



Asset: EF10

AREA:SERVICE

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	CUE-120-A-7-1-19-X	CUBE-161-7
Serial Num	-	05L00727
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	2500	0
Fan RPM	-	0
Fan Rotation	-	NA
Motor RPM	-	0
System SetPt	-	0 TURNS OUT
RL Voltage	-	0
RL Amperage	-	0
Total ESP	0.375"	0
Fan Inlet SP	-	NA
Fan Discharge SP	-	NA

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1/2	
Motor Rpm	-	
Phase	1	
Voltage (rated)	120	
Amperage (rated)	-	
Service Factor	-	

Completed By: Jordan Best on 08/24/2023

Notes:
NO POWER TO UNIT

Written By: Jordan Best on 08/24/2023

National TAB

Project: 08-21-23 CARMAX #7283 COLUMBUS, OH

System/Unit: FAN - Exhaust



Asset: EF11

AREA:

Unit Data		
	Design	Actual
MFG	GREENCHECK	GREENCHECK
Model Num	CUE-120-A-7-1-19-X	CUBE-161-7
Serial Num	-	05L00762
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56
Horsepower	-	0.75"
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	10
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	2500	853
Fan RPM	-	1122
Fan Rotation	-	CW
Motor RPM	-	1743
System SetPt	-	0 TURNS OUT
RL Voltage	-	NA
RL Amperage	-	NA
Total ESP	-	NA
Fan Inlet SP	-	NA
Fan Discharge SP	-	ATM

Completed By: Jordan Best on 08/24/2023