National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: AHU/RTU

Asset: RTU1 AREA:DINING

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	23153241JA
Model Num	LGA240H	GCC240A3ELA0B070
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	67X20
Num Final Filter 1	-	8
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	MARATHON
Frame	-	NL
Horsepower	7.5	5.0
Motor Rpm	-	3450
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	13.4

Drive Data	
	Actual
Motor Sheave Size	4.5"
Motor Bore Size	1"
Motor Sheave SetPt	1 TURN OPEN
Fan Sheave Size	14"
Fan Sheave Bore	1.25"
Belt CL Distance	14"
Num of Belts	1
Belt Size	BX55
Belt Alignment	CORRECT

Test Data		
	Design	**Actual**
SF CFM	8000	7093
SF RPM	-	3059
RA CFM	6200	5371
OA CFM	1800	1722
RL Voltage	-	208/207/207
RL Amperage	-	12.1/12.0/12.2
SF Rotation	-	CCW
RA Damper Position	-	65%
Min OA Damper Position	-	35%
Min OA Damper Type	-	OPPOSED BLADE

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.37"
Fan Suction SP	-	-0.67"
Fan Discharge SP	-	0.53"
Total ESP	0.80"	0.90"
Fan Total SP	-	1.20"

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

Completed By: Oscar Ventura on 08/23/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: AHU/RTU

Asset: RTU2 AREA:DINING

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5609J00246
Model Num	LGA300H	LGC300H4BS3Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	4
OA Filter Size 1	-	16X24
Num Final Filter 1	-	12
Final Filter Size 1	-	20X20X2

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	7.5	5.0
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	14.3

Drive Data	
	Actual
Motor Sheave Size	5"
Motor Bore Size	1"
Motor Sheave SetPt	1 TURN OPEN
Fan Sheave Size	12"
Fan Sheave Bore	1.25"
Belt CL Distance	14"
Num of Belts	1
Belt Size	BX70
Belt Alignment	CORRECT

Test Data		
	Design	**Actual**
SF CFM	10000	8872
SF RPM	-	1550
RA CFM	7600	6522
OA CFM	2400	2350
RL Voltage	-	208/207/207
RL Amperage	-	13.8/13.7/13.7
SF Rotation	-	CCW
RA Damper Position	-	72%
Min OA Damper Position	-	28%
Min OA Damper Type	-	OPPOSED BLADE

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.34"
Fan Suction SP	-	-0.59"
Fan Discharge SP	-	0.68"
Total ESP	0.80"	1.02"
Fan Total SP	-	1.27"

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

Completed By: Oscar Ventura on 08/23/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: AHU/RTU

Asset: RTU3 AREA:KITCHEN

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	23153241JA
Model Num	LGA300H	GCC300A3ELA0B070
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	67X20
Num Final Filter 1	-	8
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	WEG
Frame	-	182/4TZ
Horsepower	7.5	7.5
Motor Rpm	-	3510
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	17.9

Drive Data	
	Actual
Motor Sheave Size	5"
Motor Bore Size	1.25"
Motor Sheave SetPt	1 TURN OPEN
Fan Sheave Size	14"
Fan Sheave Bore	1.5"
Belt CL Distance	14"
Num of Belts	1
Belt Size	B56
Belt Alignment	CORRECT

Test Data		
	Design	**Actual**
SF CFM	10000	7962
SF RPM	-	2796
RA CFM	7600	5666
OA CFM	2400	2296
RL Voltage	-	209/210/211
RL Amperage	-	12.8/12.7/12.9
SF Rotation	-	CCW
RA Damper Position	-	70%
Min OA Damper Position	-	30%
Min OA Damper Type	-	OPPOSED BLADE

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.57"
Fan Suction SP	-	-0.62"
Fan Discharge SP	-	0.88"
Total ESP	0.80"	1.45"
Fan Total SP	-	1.50"

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

Completed By: Oscar Ventura on 08/23/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: FAN - Exhaust

Asset: EF1 AREA:CUSTOMER RESTROOMS

Unit Data		
	Design	**Actual**
MFG	GREENHECK	CAPTIVEAIRE
Model Num	GB-100-4	DR50HFA
Serial Num	-	5988093
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TELCO
Frame	-	NL
Horsepower	1/4	0.5
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	NL
Service Factor	-	NL

Test Data		
	Design	**Actual**
CFM	750	705
Fan RPM	-	1564
Fan Rotation	-	CCW
Motor RPM	-	1564
System SetPt	-	65%
RL Voltage	-	115
RL Amperage	-	2.3
Total ESP	0.50"	0.43"
Fan Inlet SP	-	-0.43"
Fan Discharge SP	-	ATM

Completed By: Oscar Ventura on 08/08/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: FAN - Exhaust

Asset: EF2 AREA:EMPLOYEE RESTROOM

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	SP-9	SP-9
Serial Num	-	NL
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	(1)
Frame	-	(1)
Horsepower	80W	(1)
Motor Rpm	-	(1)
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	(1)
Service Factor	-	NL

Test Data		
	Design	**Actual**
CFM	125	134
Fan RPM	-	NA
Fan Rotation	-	CCW
Motor RPM	-	NA
System SetPt	-	DD
RL Voltage	-	(2)
RL Amperage	-	(2)
Total ESP	0.35"	NA
Fan Inlet SP	-	NA
Fan Discharge SP	-	NA

Completed By: Oscar Ventura on 08/08/2024

Notes:
(1) MOTOR DATA TAG NOT ACCESSIBLE.
(2) WIRES NOT ACCESIBLE.

Written By: Wesley John on 08/23/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: FAN - Exhaust

Asset: KEF1 AREA:HOOD-1

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA24BFT	DU24OHFA
Serial Num	-	5143694
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	213T
Horsepower	-	(1)
Motor Rpm	-	(1)
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	(1)
Service Factor	-	(1)

Test Data		
	Design	**Actual**
CFM	4730	4724
Fan RPM	-	(1)
Fan Rotation	-	CCW
Motor RPM	-	(1)
RL Voltage	-	207
RL Amperage	-	5.9/5.8/5.8
Suction ESP	-	-0.47"
Discharge ESP	-	ATM
Total ESP	1.25"	0.47"

Completed By: Oscar Ventura on 08/08/2024

Notes:
(1) MOTOR TAG NOT LEGIBLE.

Written By: Wesley John on 08/23/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: FAN - Exhaust

Asset: KEF2 AREA:HOOD-2

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA24BFT	DU240HFA
Serial Num	-	5143694
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	213T
Horsepower	2.0	3
Motor Rpm	-	1175
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	3.20
Service Factor	-	1.15

Test Data		
	Design	**Actual**
CFM	4730	4677
Fan RPM	-	1124
Fan Rotation	-	CCW
Motor RPM	-	1124
RL Voltage	-	209
RL Amperage	-	3.1/3.0/3.0
Suction ESP	-	-0.86"
Discharge ESP	-	ATM
Total ESP	1.25"	0.86"

Completed By: Oscar Ventura on 08/08/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: FAN - Exhaust

Asset: KEF3 AREA:HOOD-3

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA24BFT	BDU24HP
Serial Num	-	3327820
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	(1)
Frame	-	(1)
Horsepower	2.0	(1)
Motor Rpm	-	(1)
Phase	3	3
Voltage (rated)	208	(1)
Amperage (rated)	-	(1)
Service Factor	-	(1)

Drive Data	
	Actual
Motor Sheave Size	4"
Motor Bore Size	1"
Motor Sheave SetPt	2 TURNS OPEN
Fan Sheave Size	5.75"
Fan Sheave Bore	1"
Belt CL Distance	8"
Num of Belts	2
Belt Size	AX27

Test Data		
	Design	**Actual**
CFM	4800	3996
Fan RPM	-	1751
Fan Rotation	-	CCW
Motor RPM	-	1751
RL Voltage	-	207
RL Amperage	-	4.6/4.7/4.8
Suction ESP	-	-0.96"
Discharge ESP	-	ATM
Total ESP	1.25"	0.96"

Completed By: Oscar Ventura on 08/08/2024

Notes:
(1). MOTOR DATA TAG NOT LEGIBLE.

Written By: Wesley John on 08/23/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: FAN - Exhaust

Asset: KEF4 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA16BFT	DU180HFA
Serial Num	-	5153257
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	182T
Horsepower	1.5	1.5
Motor Rpm	-	1170
Phase	3	3
Voltage (rated)	208	230/460
Amperage (rated)	-	6.01/3.01
Service Factor	-	1.15

Drive Data	
	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

Test Data		
	Design	**Actual**
CFM	3000	2175
Fan RPM	-	1118
Fan Rotation	-	CCW
Motor RPM	-	1118
RL Voltage	-	208
RL Amperage	-	5.8
Suction ESP	-	1.15"
Discharge ESP	-	ATM
Total ESP	1.25"	1.15"

Completed By: Oscar Ventura on 08/08/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: FAN - Exhaust

Asset: KEF5 AREA:HOOD-5

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	ILG
Model Num	DDU16R	550670UDA13F11E
Serial Num	-	062008M516490
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	EMERSON
Frame	-	NL
Horsepower	1/2	1/5
Motor Rpm	-	1140
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	2.2
Service Factor	-	NL

Test Data		
	Design	**Actual**
CFM	1100	1056
Fan RPM	-	1107
Fan Rotation	-	CCW
Motor RPM	-	1107
RL Voltage	-	112
RL Amperage	-	1.8
Suction ESP	-	-0.59"
Discharge ESP	-	ATM
Total ESP	0.75"	0.59"

Completed By: Oscar Ventura on 08/08/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: FAN - Supply

Asset: MUA1 AREA:HOODS-3&4

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NHMU3.18-920	F3-D.750-G18
Serial Num	-	5143694
Type	MUA	MUA
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	(1)
Frame	-	(1)
Horsepower	7.5	(1)
Motor Rpm	-	(1)
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	(1)
Service Factor	-	(1)

Test Data		
	Design	**Actual**
CFM	7095	6742
SF RPM	-	NA
Motor RPM	-	NA
SF System SetPt	-	NA
RL Voltage	-	207/208/207
RL Amperage	-	9.7/9.9/9.7
Total ESP	-	0.87"
Fan Discharge SP	-	0.87"

General	
	Actual
Fan Rotation Correct	YES

Completed By: Oscar Ventura on 08/23/2024

Notes:
(1) TAG NOT LEGIBLE.

Written By: Wesley John on 08/23/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: FAN - Supply

Asset: MUA2 AREA:HOODS-1&2

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NHMU3.18-G18	A3-D.750-G18
Serial Num	-	2641184
Type	MUA	MUA
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	(1)
Frame	-	(1)
Horsepower	5.0	(1)
Motor Rpm	-	(1)
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	(1)
Service Factor	-	(1)

Test Data		
	Design	**Actual**
CFM	6240	6486
SF RPM	-	NA
Motor RPM	-	NA
SF System SetPt	-	NA
RL Voltage	-	207/207/208
RL Amperage	-	10.1/10.2/10.1
Total ESP	-	0.98"
Fan Discharge SP	-	0.98"

General	
	Actual
Fan Rotation Correct	YES

Completed By: Oscar Ventura on 08/23/2024

Notes:
(1). DATA TAG NOT LEGIBLE.

Written By: Wesley John on 08/23/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: Kitchen Hood Type I

Asset: HD1 AREA:COOKLINE

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	6024ND-BR	6024ND-BR
Job / Serial Num	-	NL
Type	TYPE I	TYPE 1
Hood length	126"	126"
Hood Width	60"	54"
Supply Plenum Type	-	MUA

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	BAFFLE
Filter Size 1	-	16X16
Filter Size 2	-	20X16
Filter Qty 1	-	4
Filter Qty 2	-	3
Filter AK factor size 1	-	1.62
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	12.72
Filter1 FPM	-	374
Filter2 FPM	-	354
Filter3 FPM	-	382
Filter4 FPM	-	365
Filter5 FPM	-	364
Filter6 FPM	-	384
Filter7 FPM	-	377
Filter Ave FPM(corr)	-	371
CFM	4730	4724

Cooking Equipment	
	Actual
Item 1	FRYER
Item 2	RANGE
Item 3	WOK

Completed By: Oscar Ventura on 08/08/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: Kitchen Hood Type I

Asset: HD2 AREA:COOKLINE

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	6024ND-BR	6024ND-BR
Job / Serial Num	-	NL
Type	TYPE I	TYPE I
Hood length	126"	126"
Hood Width	60"	54"
Supply Plenum Type	-	MUA

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	BAFFLE
Filter Size 1	-	16X16
Filter Size 2	-	20X16
Filter Qty 1	-	5
Filter Qty 2	-	4
Filter AK factor size 1	-	1.62
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	16.42
Filter1 FPM	-	235
Filter2 FPM	-	236
Filter3 FPM	-	355
Filter4 FPM	-	347
Filter5 FPM	-	282
Filter6 FPM	-	289
Filter7 FPM	-	250
Filter Ave FPM(corr)	-	288
CFM	4730	4677

Cooking Equipment	
	Actual
Item 1	FRYER
Item 2	WOK
Item 3	RANGE

Completed By: Oscar Ventura on 08/08/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: Kitchen Hood Type I

Asset: HD3 AREA:COOKLINE

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5124NFR	5124NFR
Job / Serial Num	-	NL
Type	TYPE I	TYPE I
Hood length	183"	183"
Hood Width	51"	51"
Supply Plenum Type	-	MUA

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	BAFFLE
Filter Size 1	-	16X16
Filter Size 2	-	20X16
Filter Qty 1	-	5
Filter Qty 2	-	4
Filter AK factor size 1	-	1.62
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	16.42
Filter1 FPM	-	137
Filter2 FPM	-	141
Filter3 FPM	-	170
Filter4 FPM	-	181
Filter5 FPM	-	178
Filter6 FPM	-	164
Filter7 FPM	-	143
Filter8 FPM	-	131
Filter9 FPM	-	128
Filter Ave FPM(corr)	-	152
CFM	4800	3996

Cooking Equipment	
	Actual
Item 1	RANGE
Item 2	WOK
Item 3	FRYER

Completed By: Oscar Ventura on 08/08/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: Kitchen Hood Type I

Asset: HD4 AREA:COOKLINE

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5124NFR	5124NFR
Job / Serial Num	-	NL
Type	TYPE I	TYPE I
Hood length	113"	113"
Hood Width	51"	51"
Supply Plenum Type	-	MUA

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	BAFFLE
Filter Size 1	-	16X16
Filter Size 2	-	20X16
Filter Qty 1	-	3
Filter Qty 2	-	3
Filter AK factor size 1	-	1.62
Filters AK factor size 2	-	2.08
Filter Total AK Area	-	11.1
Filter1 FPM	-	177
Filter2 FPM	-	170
Filter3 FPM	-	243
Filter4 FPM	-	222
Filter5 FPM	-	176
Filter6 FPM	-	189
Filter Ave FPM(corr)	-	196
CFM	3000	2775

Cooking Equipment	
	Actual
Item 1	RANGE
Item 2	FRYER

Completed By: Oscar Ventura on 08/08/2024

National TAB

Project: 08-05-24 PF CHANGS AUSTIN, TX

System/Unit: Kitchen Hood Type II

Asset: HD(Type2)5 AREA:DISHWASHER

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	4224VH1-G	4224VH1-G
Serial Num	-	NL
Type	TYPE II	TYPE II
Hood length	60"	60"
Hood Width	42"	42"

Test Data		
	Design	**Actual**
Exhaust CFM	1100	1056

Completed By: Oscar Ventura on 08/08/2024