National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: FAN - Exhaust

Asset: EF1 AREA: HOOD 1, 2 DELI PREP

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	NCA16FA	NCA16FA
Serial Num	-	491225
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	UPBLAST	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	WEG
Frame	-	D56
Horsepower	1.50	1.5
Motor Rpm	-	1710
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	4.70
Service Factor	-	1.15

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	5 1/4”
Motor Bore Size	-	3/4”
Motor Sheave SetPt	-	-
Fan Sheave Size	-	1VL40
Fan Sheave Bore	-	5/8”
Belt CL Distance	-	6 3/4"
Num of Belts	-	1
Belt Size	-	AX25

Test Data		
	Design	**Actual**
CFM	3150	2997
Fan RPM	1098	1124
Fan Rotation	-	CCW
Motor RPM	-	1744
RL Voltage	-	205/206/205
RL Amperage	-	3.1/3.3/3.3
Suction ESP	-	-0.53"
Discharge ESP	-	NA
Total ESP	1.00"	0.53"
Brake Horse Power	-	1.03

Completed By: Wesley John on 06/22/2018

Notes: REPLACEMENT BELT NEEDED.
UNABLE TO BREAK LOOSE MOTOR SHEAVE TO SPEED UP.

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: FAN - Exhaust

Asset: EF2 AREA: FRONT RR

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	3405485
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	DOWNBLAST	DOWNBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	-
Frame	-	-
Horsepower	.18	0.25
Motor Rpm	-	-
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	2.9
Service Factor	-	-

Test Data		
	Design	**Actual**
CFM	400	-
Fan RPM	1416	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	-
RL Voltage	-	-
RL Amperage	-	-
Total ESP	.125"	-
Fan Inlet SP	-	-
Fan Discharge SP	-	NA

Completed By: Wesley John on 06/22/2018

Notes: FAN NOT YET RUNNING.

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: FAN - Exhaust

Asset: EF3 AREA: EMPLOYEE RR

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	3405485
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	DOWNBLAST	DOWNBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	-
Frame	-	-
Horsepower	.18	0.25
Motor Rpm	-	-
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	2.9
Service Factor	-	-

Test Data		
	Design	**Actual**
CFM	400	422
Fan RPM	1416	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	P30
RL Voltage	-	114
RL Amperage	-	1.3
Total ESP	.125"	0.24"
Fan Inlet SP	-	-0.24"
Fan Discharge SP	-	NA

Completed By: Wesley John on 06/22/2018

Notes:

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: FAN - Exhaust

Asset: EF4 AREA: DISHWASHER

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	-
Model Num	NCA14HPFA	-
Serial Num	-	-
Type	CENTRIFUGAL	-
Configuration	UPBLAST	-

Motor Data		
	Design	**Actual**
Motor MFG	-	-
Frame	-	-
Horsepower	.333	-
Motor Rpm	-	-
Phase	1	-
Voltage (rated)	115	-
Amperage (rated)	-	-
Service Factor	-	-

Drive Data		
	Design	**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	600	-
Fan RPM	1139	-
Fan Rotation	-	-
Motor RPM	-	-
RL Voltage	-	-
RL Amperage	-	-
Suction ESP	-	-
Discharge ESP	-	-
Total ESP	1.00"	-
Brake Horse Power	-	-

Completed By: Wesley John on 06/22/2018

Notes: THERE IS NO DISHWASHER EXHAUST FAN AT THIS STORE.

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: FAN - Exhaust

Asset: EF5 AREA: BAKERY

Unit Data		
	Design	**Actual**
MFG	NA	CAPTIVE-AIRE
Model Num	BELT	NCA14HPFA
Serial Num	-	491225
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	DAYTON
Frame	-	48Y
Horsepower	-	1/3
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	5.8
Service Factor	-	1.35

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	3 3/4"
Motor Bore Size	-	1/2"
Motor Sheave SetPt	-	-
Fan Sheave Size	-	4 1/2"
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	5 1/2"
Num of Belts	-	1
Belt Size	-	AX21

Test Data		
	Design	**Actual**
CFM	650	808
Fan RPM	-	1685
Fan Rotation	-	CCW
Motor RPM	-	1430
RL Voltage	-	114
RL Amperage	-	4.7
Suction ESP	-	-1.00"
Discharge ESP	-	NA
Total ESP	-	1.00"
Brake Horse Power	-	0.27

Completed By: Wesley John on 06/22/2018

Notes: REPLACEMENT BELT NEEDED. UNABLE TO BREAK LOOSE MOTOR SHEAVE FOR ADJUSTMENT.

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: FAN - Exhaust

Asset: EF6 AREA: BAKERY

Unit Data		
	Design	**Actual**
MFG	NA	CAPTIVE-AIRE
Model Num	BELT	NCA14HPFA
Serial Num	-	491225
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	WEG
Frame	-	B48
Horsepower	-	0.33
Motor Rpm	-	1735
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	7.0
Service Factor	-	1.35

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	3 3/4"
Motor Bore Size	-	1/2"
Motor Sheave SetPt	-	-
Fan Sheave Size	-	4 1/2"
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	5 5/8"
Num of Belts	-	1
Belt Size	-	AX21

Test Data		
	Design	**Actual**
CFM	-	644
Fan RPM	-	1304
Fan Rotation	-	CCW
Motor RPM	-	1689
RL Voltage	-	115
RL Amperage	-	5.2
Suction ESP	-	-0.78"
Discharge ESP	-	NA
Total ESP	-	0.78"
Brake Horse Power	-	0.25

Completed By: Wesley John on 06/22/2018

Notes:

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: FAN - Exhaust

Asset: EF7 AREA: SEAFOOD

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DR30HFA	DR30HFA
Serial Num	-	1803823
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	DOWNBLAST	DOWNBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	-	1/4
Motor Rpm	-	1625
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3.7
Service Factor	-	NL

Test Data		
	Design	**Actual**
CFM	600	647
Fan RPM	-	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	MEDIUM LOW
RL Voltage	-	79
RL Amperage	-	3.2
Total ESP	-	0.09"
Fan Inlet SP	-	-0.09"
Fan Discharge SP	-	NA

Completed By: Wesley John on 06/22/2018

Notes:

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU1 AREA: MAIN SALES

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	RN-070-3-0-BQ04-2B2	RN-070-3-0-BQ04-2B2
Serial Num	-	200611-BNGY02330
Inventory Tag ID	-	3325628
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	28
Final Filter Size 1	-	12X24X2

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR
Frame	-	254T
Horsepower	15X2	15X2
Motor Rpm	1760	1765
Phase	3	3
Rated Voltage	460	460
Rated Amperage	21.0	17.7
Service Factor	-	1.15

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	20.4
VFD Max Setpt	-	58
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Completed By: Wesley John on 06/22/2018

Notes:

Test Data		
	Design	**Actual**
SF CFM	24000	22088
RA CFM	18000	17452
OA CFM	6000	4636
RL Voltage	-	450/450/450/450/450/450
RL Amperage	-	16.6/16.3/16.5/17.0/17.0/16.9
SF Motor Freq(HZ)	-	58.0
OA Damper Position	-	1/2”
OA Damper Type	-	OPPOSED BLADE
Brake Horse Power	-	14.2X2

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.75”
Fan Suction SP	-	-1.67”
Fan Discharge SP	-	0.92”
Total ESP	1.30"	1.67”
Fan Total SP	3.43"	2.59”

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

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU2 AREA: SALES

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	RM-015-3-0-BA02-000	RM-015-3-0-BA02-000
Serial Num	-	200611-AMCL03739
Inventory Tag ID	-	3325639
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	6
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	5.0	5.0
Motor Rpm	1760	1750
Phase	3	3
Rated Voltage	460	460
Rated Amperage	7.6	6.6
Service Factor	-	1.15

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Completed By: Wesley John on 06/22/2018

Notes: BX63
1VP56x1 1/8”
1VP52x1 1/8”

Test Data		
	Design	**Actual**
SF CFM	6000	4758
RA CFM	6000	4406
OA CFM	300	352
RL Voltage	-	470/468/471
RL Amperage	-	5.5/5.1/5.2
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	2”
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	3.99

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.92”
Fan Suction SP	-	-1.49”
Fan Discharge SP	-	0.06”
Total ESP	.40"	0.98”
Fan Total SP	1.70"	1.55”

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

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU3 AREA: SALES

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	RM-015-3-0-BA02-232	RM-015-3-0-BA02-232
Serial Num	-	200611-AMGL28906
Inventory Tag ID	-	3325637
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	6
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	5.0	5.0
Motor Rpm	1760	1750
Phase	3	3
Rated Voltage	460	460
Rated Amperage	7.6	6.6
Service Factor	-	1.15

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Test Data		
	Design	**Actual**
SF CFM	6000	5639
RA CFM	6000	5639
OA CFM	0	0
RL Voltage	-	470/473/472
RL Amperage	-	4.8/5.3/5.3
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	FULLY CLOSED
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	3.89

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.55”
Fan Suction SP	-	-1.20”
Fan Discharge SP	-	0.15”
Total ESP	.45"	0.70"
Fan Total SP	2.04"	1.35"

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

Completed By: Wesley John on 06/22/2018

Notes:

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU4 AREA: SALES

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	RM-015-3-0-BA02-232	RM-015-3-0-BA02-232
Serial Num	-	200611-AMGL28907
Inventory Tag ID	-	3325631
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	6
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	5.0	5.0
Motor Rpm	1760	1750
Phase	3	3
Rated Voltage	460	460
Rated Amperage	7.6	6.6
Service Factor	-	1.15

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Completed By: Wesley John on 06/22/2018

Notes: BX63
1VP56x1 1/8”
1VP52x1 1/8”

Test Data		
	Design	**Actual**
SF CFM	6000	5280
RA CFM	6000	5280
OA CFM	0	0
RL Voltage	-	471/474/474
RL Amperage	-	5.8/5.2/5.0
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	FULLY CLOSED
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	4.04

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.68”
Fan Suction SP	-	-1.36”
Fan Discharge SP	-	0.53”
Total ESP	.45"	1.21"
Fan Total SP	2.04"	1.89"

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

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU5 AREA: SALES

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	RM-015-3-0-BA02-000	RM-015-3-0-BA02-000
Serial Num	-	200611-AMCL03740
Inventory Tag ID	-	3325629
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	6
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	5.0	5.0
Motor Rpm	1760	1750
Phase	3	3
Rated Voltage	460	460
Rated Amperage	7.6	6.6
Service Factor	-	1.15

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Test Data		
	Design	**Actual**
SF CFM	6000	5109
RA CFM	6000	5109
OA CFM	0	0
RL Voltage	-	470/468/471
RL Amperage	-	5.4/5.1/5.0
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	FULLY CLOSED
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	3.91

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.83”
Fan Suction SP	-	-1.40”
Fan Discharge SP	-	0.02”
Total ESP	.40"	0.85"
Fan Total SP	1.70"	1.42"

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

Completed By: Wesley John on 06/22/2018

Notes: CANNOT TURN PULLEY FOR ADJUSTMENT. THREADS POSSIBLY DAMAGES

BX63
1VP56x1 1/8”
1VP52x1 1/8”

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU6 AREA: DELI/BAKERY

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	RM-008-3-0-BA02-232	RM-008-3-0-BA02-232
Serial Num	-	200611-AMGH28908
Inventory Tag ID	-	3325630
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	6
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR
Frame	-	145T
Horsepower	2.0	2.0
Motor Rpm	1760	1725
Phase	3	3
Rated Voltage	460	460
Rated Amperage	3.4	2.7
Service Factor	-	1.15

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Completed By: Wesley John on 06/22/2018

Notes:

Test Data		
	Design	**Actual**
SF CFM	3200	2923
RA CFM	2600	2303
OA CFM	600	620
RL Voltage	-	469/469/470
RL Amperage	-	1.6/1.5/1.4
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	3”
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	1.11

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.26”
Fan Suction SP	-	-0.55”
Fan Discharge SP	-	0.27”
Total ESP	.50"	0.53"
Fan Total SP	1.01"	0.82"

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

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU7 AREA: CUSTOMER/CBT/ACCT

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	HB-002-3-V-AA01-212	HB-002-3-V-AA01-212
Serial Num	-	200610-APGB01210
Inventory Tag ID	-	3325632
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	2
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	.25	0.33
Motor Rpm	1150	1075
Phase	3	3
Rated Voltage	460	460
Rated Amperage	1.1	1.1
Service Factor	-	NL

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Test Data		
	Design	**Actual**
SF CFM	800	732
RA CFM	700	610
OA CFM	100	168
RL Voltage	-	470/470/469
RL Amperage	-	0.8/0.8/0.8
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	1”
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	0.24

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.17"
Fan Suction SP	-	-0.29"
Fan Discharge SP	-	0.42"
Total ESP	.35"	0.59"
Fan Total SP	.71"	0.71"

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

Completed By: Wesley John on 06/22/2018

Notes: MOTOR SECTION INACCESSIBLE DUE TO COVER BRACKET

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU8 AREA: ECR/MANAGER

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	HB-004-3-V-AA01-000	HB-004-3-V-AA01-000
Serial Num	-	200610-APCD00080
Inventory Tag ID	-	3325633
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	2
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	.88	0.33
Motor Rpm	1625	1075
Phase	3	3
Rated Voltage	460	460
Rated Amperage	2.1	2.1
Service Factor	-	NL

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Test Data		
	Design	**Actual**
SF CFM	1600	1562
RA CFM	1325	1298
OA CFM	275	264
RL Voltage	-	471/472/470
RL Amperage	-	1.5/1.6/1.5
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	2 1/2”
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	0.24

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.21”
Fan Suction SP	-	-0.60”
Fan Discharge SP	-	0.59”
Total ESP	.50"	0.80"
Fan Total SP	.97"	1.19"

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

Completed By: Wesley John on 06/22/2018

Notes: MOTOR SECTION INACCESSIBLE DUE TO COVER BRACKET.

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU9 AREA: PHARMACY

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	HB-005-3-V-AA01-222	HB-005-3-V-AA01-222
Serial Num	-	200610-APGE01211
Inventory Tag ID	-	3325634
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	2
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	.88	0.33
Motor Rpm	1625	1075
Phase	3	3
Rated Voltage	460	460
Rated Amperage	2.1	2.1
Service Factor	-	NL

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Test Data		
	Design	**Actual**
SF CFM	2000	1883
RA CFM	1600	1454
OA CFM	400	429
RL Voltage	-	467/467/469
RL Amperage	-	1.7/1.6/1.6
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	4”
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	0.26

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.29”
Fan Suction SP	-	-0.69”
Fan Discharge SP	-	0.68”
Total ESP	.40"	0.97"
Fan Total SP	1.10"	1.37"

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

Completed By: Wesley John on 06/22/2018

Notes: P TRAP BROKEN OFF OF UNIT. CONDENSATE IS POOLING IN MIXED AIR PLENUM.

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU10 AREA: CONFERENCE

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	HB-004-3-V-AA01-212	HB-004-3-V-AA01-212
Serial Num	-	200610-APGD01212
Inventory Tag ID	-	3325638
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	2
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	.88	0.33
Motor Rpm	1625	1075
Phase	3	3
Rated Voltage	460	460
Rated Amperage	2.1	2.1
Service Factor	-	NL

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Completed By: Wesley John on 06/22/2018

Notes: MOTOR SECTION NOT ACCESSIBLE.

Test Data		
	Design	**Actual**
SF CFM	1600	1736
RA CFM	1300	1401
OA CFM	300	319
RL Voltage	-	477/475/475
RL Amperage	-	1.8/1.8/1.7
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	3”
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	0.28

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.42”
Fan Suction SP	-	-0.77”
Fan Discharge SP	-	0.43”
Total ESP	.30"	0.85"
Fan Total SP	.93"	1.20"

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

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: AHU/RTU

Asset: AHU11 AREA: DOCK

Unit Data		
	Design	**Actual**
MFG	AAON	AAON
Model Num	RM-008-3-0-BA02-232	RM-008-3-0-BA02-232
Serial Num	-	200611-AMGH29011
Inventory Tag ID	-	3325640
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num Final Filter 1	-	6
Final Filter Size 1	-	16X20X2

Motor Data		
	Design	**Actual**
Motor MFG	-	AO SMITH
Frame	-	P145T
Horsepower	2.0	2.0
Motor Rpm	1760	1745
Phase	3	3
Rated Voltage	460	460
Rated Amperage	3.4	2.8
Service Factor	-	1.15

Electrical		
	Design	**Actual**
VFD Phase Voltage (line)	-	NA
VFD Min Setpt	-	NA
VFD Max Setpt	-	NA
Phase Brownout Dial Setpt (v)	-	NA
Phase Brownout Volt Variance	-	10%
Freeze Stat Setpt	-	NA
Compressor Lockout Setpt	-	45 F

Test Data		
	Design	**Actual**
SF CFM	3200	3332
RA CFM	2900	2990
OA CFM	300	342
RL Voltage	-	473/475/476
RL Amperage	-	2.0/1.8/1.7
SF Motor Freq(HZ)	-	NA
OA Damper Position	-	2 1/2”
OA Damper Type	-	MANUAL SLIDE
Brake Horse Power	-	1.31

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.32”
Fan Suction SP	-	-0.56”
Fan Discharge SP	-	0.59”
Total ESP	.40"	0.91"
Fan Total SP	1.06"	1.15"

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

Completed By: Wesley John on 06/22/2018

Notes:

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: Kitchen Hood Type I

Asset: HD1 AREA: LEFT DELI HOOD

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	6030 ND	6030 ND
Job / Serial Num	-	NL
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	108	108
Hood Width	60	60

Test Data Exhaust		
	Design	**Actual**
Filter Type	BAFFLE	BAFFLE
Filter Size 1	16X16	16X16
Filter Size 2	16X20	16X20
Filter Qty 1	3	3
Filter Qty 2	3	3
Filter AK factor size 1	1.62	1.62
Filters AK factor size 2	2.08	2.08
Filter Total AK Area	11.10	11.10
Filter1 FPM	-	116
Filter2 FPM	-	118
Filter3 FPM	-	142
Filter4 FPM	-	153
Filter5 FPM	-	118
Filter6 FPM	-	122
Filter Ave FPM(corr)	-	128
CFM	1575	1421

Cooking Equipment		
	Design	**Actual**
Item 1	-	OVENS
Item 2	-	-

Performance Data		
	Design	**Actual**
Smoke Generation Type	-	45 SECOND SMOKE CARTRIDGE
Hood Capture %	-	100
End Panels Installed (Y/N)	-	NO

General		
	Design	**Actual**
Third Party Witness	-	JOE VOGEL
Third Party Company	-	PIONEER GENERAL CONTRACTORS
Tech Witness	-	WESLEY JOHN
Tech Company	-	NATIONAL TAB

Completed By: Wesley John on 06/22/2018

Notes: SOME INFO ON HOOD LABEL WORN OFF.

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: Kitchen Hood Type I

Asset: HD2 AREA: RIGHT DELI HOOD

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	6030 ND	6030 ND
Job / Serial Num	-	NL
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	108	108
Hood Width	60	60

Test Data Exhaust		
	Design	**Actual**
Filter Type	BAFFLE	BAFFLE
Filter Size 1	16X16	16X16
Filter Size 2	16X20	16X20
Filter Qty 1	3	3
Filter Qty 2	3	3
Filter AK factor size 1	1.62	1.62
Filters AK factor size 2	2.08	2.08
Filter Total AK Area	11.10	11.10
Filter1 FPM	-	120
Filter2 FPM	-	144
Filter3 FPM	-	166
Filter4 FPM	-	160
Filter5 FPM	-	136
Filter6 FPM	-	125
Filter Ave FPM(corr)	-	142
CFM	1575	1576

Cooking Equipment		
	Design	**Actual**
Item 1	-	FRYERS
Item 2	-	-

Performance Data		
	Design	**Actual**
Smoke Generation Type	-	45 SECOND SMOKE CARTRIDGE
Hood Capture %	-	100
End Panels Installed (Y/N)	-	NO

General		
	Design	**Actual**
Third Party Witness	-	JOE VOGEL
Third Party Company	-	PIONEER GENERAL CONTRACTORS
Tech Witness	-	WESLEY JOHN
Tech Company	-	NATIONAL TAB

Completed By: Wesley John on 06/22/2018

Notes: SOME INFO ON HOOD LABEL WORN OFF.

National TAB

Project: KROGER 035-548 ALLEN, TX (WIW) WITH LIFT

System/Unit: Kitchen Hood Type II

Asset: HD3 AREA: DISHWASHER

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	4830 VH1	4830 VH1
Serial Num	-	-
Type	TYPE II CANOPY	-
Hood length	48	-
Hood Width	48	-

Test Data		
	Design	**Actual**
Exhaust CFM	600	-

Completed By: Wesley John on 06/22/2018

Notes: DISHWASHER IS NO LONGER IN USE. DISHWASHER HOOD DOES NOT HAVE EXHAUST FAN SERVING IT.