

National TAB

Project: 10-13-25 QT #0849 FOREST PARK, GA

System/Unit: AHU/RTU



Asset: RT-1

AREA:SALES FLOOR

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	201812-ANEK18284
Model Num	NA	RN-013-8-0-EA0A-152
Num OA Filters 1	-	1
OA Filter Size 1	-	45X22
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	N/L
Frame	-	N/L
Horsepower	-	3
Motor Rpm	-	1760
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	10.6

Test Data		
	Design	Actual
SF CFM	4200	4266
SF RPM	-	1379
OA CFM (Hoods On)	800	805
OA CFM (Hoods Off)	350	372
RL Voltage	-	162 VFD
RL Amperage	-	9.31 VFD
VFD Max SetPt	-	47 HZ
VFD Min SetPt	-	24 HZ
OA Damper Position (Hoods On)	-	46%
OA Damper Position (Hoods Off)	-	26%

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.88"
Fan Suction SP	-	-1.14"
Fan Discharge SP	-	0.47"
Total ESP	-	1.35"
Fan Total SP	-	1.61"

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

Completed By: Sagar Patel on 10/14/2025

Unit Data - PHOTO LOG



10/16/2025



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Project:10-13-25 QT #0849 FOREST PARK, GA

AHU/RTU



Diffuser Supply (GRD)

RT-1/SALES FLOOR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	ENTRANCE	ES	10"	300					-
SGRD2	SALES	ES	10"	400					-
SGRD3	SALES	ES	10"	300					-
SGRD4	SERVICE COUNTER	ES	10"	300					-
SGRD5	SERVICE COUNTER	ES	10"	300					-
SGRD6	SALES	ES	12"	550					-
SGRD7	SALES	ES	12"	400					-
SGRD8	SALES	ES	12"	400					-
SGRD9	SALES	ES	12"	525					-
SGRD10	MEN'S RR	ES	8"	250					-
SGRD11	SIDE ENTRANCE	ES	12"	300					-
SGRD12	WOMEN'S RR	ES	10"	175					-
Total				4200		0	0	0	0%

National TAB

Project: 10-13-25 QT #0849 FOREST PARK, GA

System/Unit: AHU/RTU



Asset: RT-2

AREA: SALES FLOOR

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	ANEK18285
Model Num	NA	RN-013-8-0- EA0A-152
Num OA Filters 1	-	1
OA Filter Size 1	-	45X22
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	N/L
Frame	-	N/L
Horsepower	-	3
Motor Rpm	-	1760
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	10.6

Test Data		
	Design	Actual
SF CFM	4200	4156
SF RPM	-	1349
OA CFM (Hoods On)	800	832
OA CFM (Hoods Off)	350	378
RL Voltage	-	162 VFD
RL Amperage	-	9.63 VFD
VFD Max SetPt	-	46 HZ
VFD Min SetPt	-	24 HZ
OA Damper Position (Hoods On)	-	46%
OA Damper Position (Hoods Off)	-	26%

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.89"
Fan Suction SP	-	-1.15"
Fan Discharge SP	-	0.48"
Total ESP	-	1.37"
Fan Total SP	-	1.63"

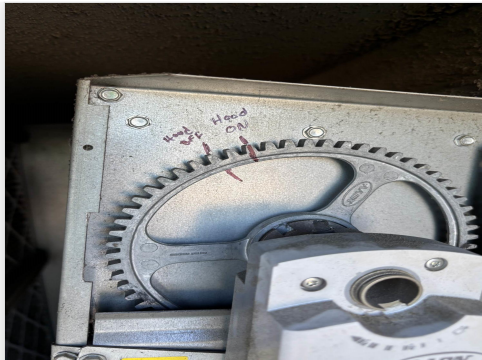
General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	YES
Condensate Drain Installed	YES

Completed By: Sagar Patel on 10/14/2025

Unit Data - PHOTO LOG



10/16/2025



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Project:10-13-25 QT #0849 FOREST PARK, GA

AHU/RTU



Diffuser Supply (GRD)

RT-2/SALES FLOOR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	ENTRANCE	ES	10"	300					-
SGRD2	SALES	ES	10"	400					-
SGRD3	SALES	ES	8"	300					-
SGRD4	SALES	ES	12"	525					-
SGRD5	SALES	ES	12"	525					-
SGRD6	SALES	ES	8"	200					-
SGRD7	SALES	ES	12"	525					-
SGRD8	SIDE ENTRANCE	ES	10"	300					-
SGRD9	SALES	ES	12"	525					-
SGRD10	SERVICE COUNTER	ES	10"	300					-
SGRD11	SERVICE COUNTER	ES	8"	300					-
Total				4200		0	0	0	0%

National TAB

Project: 10-13-25 QT #0849 FOREST PARK, GA

System/Unit: AHU/RTU



Asset: RT-3

AREA:BOH/KITCHEN

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	ANEK18283
Model Num	NA	RN-013-8-0- EA0A-152
Num OA Filters 1	-	1
OA Filter Size 1	-	45X22
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	N/L
Frame	-	N/L
Horsepower	-	3
Motor Rpm	-	1760
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	10.6

Test Data		
	Design	Actual
SF CFM	4200	4287
SF RPM	-	1349
OA CFM (Hoods On)	800	812
OA CFM (Hoods Off)	350	372
RL Voltage	-	162 VFD
RL Amperage	-	9.59 VFD
VFD Max SetPt	-	46 HZ
VFD Min SetPt	-	24 HZ
OA Damper Position (Hoods On)	-	46%
OA Damper Position (Hoods Off)	-	26%

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.72"
Fan Suction SP	-	-1.12"
Fan Discharge SP	-	0.53"
Total ESP	-	1.25"
Fan Total SP	-	1.65"

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

Completed By: Sagar Patel on 10/16/2025

Unit Data - PHOTO LOG



10/16/2025



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National TAB
 Project:10-13-25 QT #0849 FOREST PARK, GA
AHU/RTU



Diffuser Supply (GRD)

RT-3/BOH/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	SUPPORT SERVICE	SI	12"	800	1	589	688	834	104.3
SGRD2	SUPPORT SERVICE	SI	12"	800	1	445	698	821	102.6
SGRD3	SUPPORT SERVICE	SI	12"	800	1	356	756	826	103.3
SGRD4	SUPPORT SERVICE	SI	12"	800	1	1341	873	839	104.9
SGRD5	WORKROOM	ES	10"	500	1	915	694	481	96.2
SGRD6	WORKROOM	ES	10"	500	1	662	589	486	97.2
Total				4200		4308	4298	4287	102.07%

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Project: 10-13-25 QT #0849 FOREST PARK, GA

System/Unit: FAN - Exhaust



Asset: EF1

AREA:RR/JANITOR

Unit Data		
	Design	Actual
MFG	NA	CAPTIVEAIRE
Model Num	NA	DR50HFA
Serial Num	-	3647100
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	750	705
Fan Rotation	-	CCW
System SetPt	-	LOW
RL Voltage	-	[1]
RL Amperage	-	[1]
Total ESP	-	0.32"
Fan Inlet SP	-	-0.32"
Fan Discharge SP	-	1 ATM

Motor Data		
	Design	Actual
Motor MFG	-	HSSA
Frame	-	N/L
Horsepower	-	0.5
Motor Rpm	-	1625
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	8.4
Service Factor	-	N/L

Completed By: Sagar Patel on 10/20/2025

Unit Data - PHOTO LOG



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National TAB

Project:10-13-25 QT #0849 FOREST PARK, GA

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF1/RR/JANITOR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	MEN'S RR	EE	12"	300	1	272	272	272	90.7
EGRD2	JANITOR'S CLOSET	EE	6"	100	1	93	93	93	93.0
EGRD3	WOMEN'S RR	EE	10"	200	1	186	186	186	93.0
EGRD4	SUPPORT SERVICE	RI	8"	150	1	154	154	154	102.7
Total				750		705	705	705	94%

Completed By: Sagar Patel on 10/20/2025

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Project: 10-13-25 QT #0849 FOREST PARK, GA

System/Unit: FAN - Exhaust



Asset: EF3

AREA:KITCHEN HD

Unit Data		
	Design	Actual
MFG	NA	CAPTIVEAIRE
Model Num	NA	DU50HFA
Serial Num	-	7632053
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	HSSA
Frame	-	48
Horsepower	1/2	0.5
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	3.6
Service Factor	-	N/L

Test Data		
	Design	Actual
CFM	1350	1333
Fan RPM	-	1180
Fan Rotation	-	CCW
Motor RPM	-	1180
System SetPt	-	51.8 HZ
RL Voltage	-	210
RL Amperage	-	1.7
Total ESP	-	0.31"
Fan Inlet SP	-	-0.31"
Fan Discharge SP	-	1 ATM

Completed By: Sagar Patel on 10/20/2025

Unit Data - PHOTO LOG



10/16/2025

National TAB

Project: 10-13-25 QT #0849 FOREST PARK, GA
System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:GRIDDLE

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	6030ND-2-F	6030ND-2-F
Job / Serial Num	-	7632053
Type	-	TYPE 1 CANOPY
Hood length	-	120"
Hood Width	-	60"

Test Data Exhaust		
	Design	Actual
Filter Type	-	CAPTRATE
Filter Size 1	-	16X20
Filter Qty 1	-	6
Filter AK factor size 1	-	2.22
Filter Total AK Area	-	13.33
Filter1 FPM	-	85
Filter2 FPM	-	93
Filter3 FPM	-	116
Filter4 FPM	-	108
Filter5 FPM	-	105
Filter6 FPM	-	97
Filter Ave FPM(corr)	-	100
CFM	1350	1333

Cooking Equipment	
	Actual
Item 1	FRYER
Item 2	OVEN

Completed By: Sagar Patel on 10/20/2025

Unit Data - PHOTO LOG



10/20/2025