

Report By:

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



Report: PRELIM

Function: Test, Adjust, & Balance

Date: 12/04/2025

Completed By: National TAB

PROJECT

12-01-25 KROGER #026-520 ANTIOCH, TN

5319 MOUNT VIEW RD

ANTIOCH, TN 37013

Client

Kroger Division 026

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

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National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: AHU/RTU



Asset: RTU1

AREA: MAIN SALES FLOOR

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	FBOU250400468
Model Num	DPSA035	DPSA035
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	4
OA Filter Size 1	-	40"X22"
Num Final Filter 1	-	12
Final Filter Size 1	-	24"X24"X2"

Motor Data		
	Design	Actual
Motor MFG	-	DAIKIN
Motor Rpm	-	2600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	14.5

Test Data		
	Design	Actual
SF CFM	10300	
SF RPM	-	
RA CFM	8500	
OA CFM	1800	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.25"	
Fan Total SP	-	

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

Notes:

2 diffusers not connected to main duct on 12/9/25 visit

Written By: Aaron Cosby on 12/09/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

AHU/RTU



Diffuser Supply (GRD)

RTU1/MAIN SALES FLOOR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	SEAFOOD MEAT		28X18	1700	1.63	0			-
SGRD2	SEAFOOD MEAT		28X18	1700	1.63	0			-
SGRD3	FROZEN FOOD	D	18"	1800	1.63	1969			-
SGRD4	FROZEN FOOD	D	18"	1700	1.63	2312			-
SGRD5	GROCERY		28X24	1700	1.63	865			-
SGRD6	GROCERY		28X18	1700	1.63	870			-
SGRD7	GROCERY		28X12	1700	1.63	1559			-
Total				12000		7575	0	0	0%

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: AHU/RTU



Asset: RTU2

AREA:MAIN SALES FLOOR

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	FBOU250400469
Model Num	DPSA035	DPSA035
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	4
OA Filter Size 1	-	40"X22"
Num Final Filter 1	-	12
Final Filter Size 1	-	24"X24"X2"

Motor Data		
	Design	Actual
Motor MFG	-	DAIKIN
Motor Rpm	-	2600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	14.5

Test Data		
	Design	Actual
SF CFM	10300	
SF RPM	-	2158
RA CFM	8500	
OA CFM	1800	1857
RL Voltage	-	209/212/216
RL Amperage	-	9.0/9.0/9.7
SF Rotation	-	CCW
SF System SetPt	-	83%
RA Damper Position	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.09"
Fan Suction SP	-	-0.66"
Fan Discharge SP	-	0.56"
Total ESP	1.25"	0.65"
Fan Total SP	-	1.22"

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

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

AHU/RTU



Diffuser Supply (GRD)

RTU2/MAIN SALES FLOOR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DAIRY BEVERAGE	D	18"	1800	1.62	2050	1890		-
SGRD2	DAIRY BEVERAGE	D	18"	1700	1.62	2290	2111		-
SGRD3	FROZEN FOOD	D	18"	1700	1.62	1641	1513		-
SGRD4	FROZEN FOOD	D	18"	1700	1.62	1417	1306		-
SGRD5	BAKERY WINE	D	18"	1700	1.62	2131	1964		-
SGRD6	PET	D	18"	1700	1.62	2488	2293		-
Total				10300		12017	11077	0	0%

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Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: AHU/RTU



Asset: RTU3

AREA:MAIN SALES FLOOR

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	FBPU250400471
Model Num	DPSA035	DPSA035
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	4
OA Filter Size 1	-	40"X22"
Num Final Filter 1	-	12
Final Filter Size 1	-	24"X24"X2"

Motor Data		
	Design	Actual
Motor MFG	-	DAIKIN
Motor Rpm	-	2600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	14.5

Test Data		
	Design	Actual
SF CFM	10300	
SF RPM	-	2340
RA CFM	8500	
OA CFM	1800	1832
RL Voltage	-	215/209/212
RL Amperage	-	10.6/11.0/11.2
SF Rotation	-	CCW
SF System SetPt	-	90%
RA Damper Position	-	87%
Min OA Damper Position	-	13%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.33"
Fan Suction SP	-	-0.93"
Fan Discharge SP	-	0.44"
Total ESP	1.25	0.77"
Fan Total SP	-	1.37"

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

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

AHU/RTU



Diffuser Supply (GRD)

RTU3/MAIN SALES FLOOR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	BOOKS			1500	1.63	1995			-
SGRD2	MAIN SALES FLOOR		28X12	1500	1.63	1832			-
SGRD3	NEAR DELI			1300	1.63	621			-
SGRD4	NEAR CHECKSTANDS			1500	1.63	1307			-
SGRD5	CHECKSTANDS		34X10	1500	1.63	1364			-
SGRD6	CHECKSTANDS		28X20	1500	1.63	1563			-
SGRD7	CHECKSTANDS		28X12	1500	1.63	1268			-
Total				10300		9950	0	0	0%

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: AHU/RTU



Asset: RTU5

AREA:MAIN SALES FLOOR

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	FBOU250400470
Model Num	DPSA035	DPSA035
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	4
OA Filter Size 1	-	40"X22"
Num Final Filter 1	-	12
Final Filter Size 1	-	24"X24"X2"

Motor Data		
	Design	Actual
Motor MFG	-	DAIKIN
Motor Rpm	-	2600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	14.5

Test Data		
	Design	Actual
SF CFM	10300	
SF RPM	-	2340
RA CFM	8500	
OA CFM	1800	1874
RL Voltage	-	209/212/215
RL Amperage	-	11.0/NA/NA
SF Rotation	-	CCW
SF System SetPt	-	90%
RA Damper Position	-	87%
Min OA Damper Position	-	13%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.37"
Fan Suction SP	-	-0.95"
Fan Discharge SP	-	0.50"
Total ESP	1.25"	0.87"
Fan Total SP	-	1.45"

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

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

AHU/RTU



Diffuser Supply (GRD)

RTU5/MAIN SALES FLOOR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	GROCERY	D	36X24	1700	1.63	2154			-
SGRD2	GROCERY	D	18"	1800	1.63	391			-
SGRD3	CHECKSTAND S	D	18"	1700	1.63	1525			-
SGRD4	CHECKSTAND S	D	18"	1700	1.63	1735			-
SGRD5	CHECKSTAND S	D	24X20	1700	1.63	2176			-
SGRD6	CHECKSTAND S	D	24X12	1700	1.63	2097			-
Total				10300		10078	0	0	0%

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Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: AHU/RTU



Asset: RTU6

AREA: VESTIBULE

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	SLPU250415800
Model Num	DPSA035	DPSC10
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	16"X16"
Num Final Filter 1	-	6
Final Filter Size 1	-	18"X24"X2"
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	DAIKIN
Motor Rpm	-	2600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	14.5

Test Data		
	Design	Actual
SF CFM	3400	
SF RPM	-	
RA CFM	3000	
OA CFM	400	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
SF System SetPt	-	100%
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5"	
Fan Total SP	-	

General	
	Actual
Fan Rotation Correct	
Unit Filters Clean	
Condensate Drain Installed	

Notes:
Unit is likely low because one damper is shut and one is partially shut

Written By: Aaron Cosby on 12/03/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

AHU/RTU



Diffuser Supply (GRD)

RTU6/VESTIBULE

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	ENTRANCE VESTIBULE	D	14"	850	1	362	405		-
SGRD2	ENTRANCE VESTIBULE	D	14"	850	1	957	1010		-
SGRD3	EXIT VESTIBULE	D	14"	850	1	82	91		-
SGRD4	EXIT VESTIBULE	D	14"	850	1	726	789		-
Total				3400		2127	2295	0	0%

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: AHU/RTU



Asset: RTU7

AREA:DOCK

Unit Data		
	Design	Actual
MFG	DAIKIN	DAIKIN
Serial Num	-	SLPU250415815
Model Num	DSPC12B	DPSC12
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	16"X16"
Num Final Filter 1	-	6
Final Filter Size 1	-	18"X24"X2"

Motor Data		
	Design	Actual
Motor MFG	-	DAIKIN
Motor Rpm	-	2600
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	14.5

Test Data		
	Design	Actual
SF CFM	4375	4551
SF RPM	-	2340
RA CFM	3475	3629
OA CFM	900	922
RL Voltage	-	210/212/216
RL Amperage	-	3.3/3.2/3.1
SF Rotation	-	CCW
SF System SetPt	-	90%
RA Damper Position	-	77%
Min OA Damper Position	-	23%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.13"
Fan Suction SP	-	-0.46"
Fan Discharge SP	-	0.19"
Total ESP	0.5"	0.32"
Fan Total SP	-	0.65"

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

Completed By: Aaron Cosby on 12/09/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: AHU/RTU



Asset: RTU E4

AREA:PHARMACY/FRON MEZZ. OFFICES

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	211110150L
Model Num	YHC092	YHC092
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	38"X16"
Num Final Filter 1	-	4
Final Filter Size 1	-	24"X25"X2"

Motor Data		
	Design	Actual
Horsepower	0.75	0.75
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	4.0

Test Data		
	Design	Actual
SF CFM	1500	1438
RA CFM	1075	983
OA CFM	425	455
RL Voltage	-	212/216/210
RL Amperage	-	2.0/2.1/2.1
SF Rotation	-	CW
SF System SetPt	-	40%
Min OA Damper Type	-	BLANK PLATE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.19"
Fan Suction SP	-	-0.32"
Fan Discharge SP	-	0.73"
Total ESP	-	0.92"
Fan Total SP	-	1.05"

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

Completed By: Aaron Cosby on 12/09/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

AHU/RTU



Diffuser Supply (GRD)

RTU E4/PHARMACY/FRON MEZZ. OFFICES

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	MANAGERS OFFICE	B	10"	425	1	319	319	406	95.5
SGRD2	OPEN OFFICE	B	12"	525	1	324	324	489	93.1
SGRD3	ECR ROOM	B	8"	50	1	233	233	55	110.0
SGRD4	FIELD SPECIALISTS	B	10"	300	1	225	225	304	101.3
SGRD5	ZONE MANAGER	B	8"	200	1	165	165	184	92.0
Total				1500		1266	1266	1438	95.87%

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: FAN - Exhaust



Asset: EF E1

AREA:DELI PREP

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU180HFA	DU180HFA
Serial Num	-	5392687
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Horsepower	-	1.50
Motor Rpm	-	1800
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	6.5

Test Data		
	Design	Actual
CFM	2500	2274
Fan RPM	-	1680
Fan Rotation	-	CCW
System SetPt	-	56HZ
RL Voltage	-	210/210/208
RL Amperage	-	4.7 VFD
Total ESP	-	0.99"
Fan Inlet SP	-	-0.99"
Fan Discharge SP	-	ATM

Completed By: Aaron Cosby on 12/09/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: FAN - Exhaust



Asset: EF E2

AREA:DELI PREP

Unit Data		
	Design	Actual
MFG	UNKNOWN	NA
Model Num	UNKNOWN	NA
Serial Num	-	NA
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	GENERAL ELECTRIC
Frame	-	56H
Horsepower	-	1.50
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	5.8
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	2900	2968
Fan RPM	-	1725
Fan Rotation	-	CCW
RL Voltage	-	NA
RL Amperage	-	NA
Total ESP	-	1.09"
Fan Inlet SP	-	-1.09"
Fan Discharge SP	-	ATM

Completed By: Aaron Cosby on 12/09/2025

Notes:

Unit tag too faded to read

No safe spot to take volts/amps

Written By: Aaron Cosby on 12/09/2025

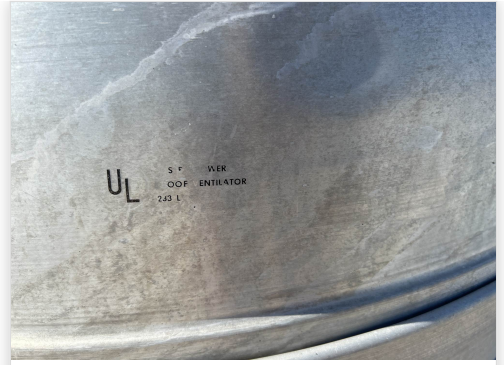
Unit Data - PHOTO LOG



12/08/2025



12/09/2025



12/09/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: FAN - Exhaust



Asset: EF E3

AREA:SEAFOOD HOOD

Unit Data		
	Design	Actual
MFG	UNKNOWN	UNKNOWN
Model Num	UNKNOWN	UNKNOWN
Serial Num	-	
Type	UPBLAST	
Configuration	VERTICAL	

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

Test Data		
	Design	Actual
CFM	800	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	

Completed By: Aaron Cosby on 12/09/2025

Notes:

Not found on space or on roof

Written By: Aaron Cosby on 12/09/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: FAN - Exhaust



Asset: EF E5

AREA: RACK OVEN

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU50HFA	DU50HFA
Serial Num	-	3583034
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Horsepower	-	0.50
Motor Rpm	-	2000
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	8.4

Test Data		
	Design	Actual
CFM	900	859
Fan RPM	-	2000
Fan Rotation	-	CCW
System SetPt	-	100%
RL Voltage	-	115
RL Amperage	-	1.1
Total ESP	-	1.03"
Fan Inlet SP	-	-1.03"
Fan Discharge SP	-	ATM

Completed By: Aaron Cosby on 12/09/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: FAN - Exhaust



Asset: EF E6

AREA: UNISEX RESTROOM

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	100C15DH	100C15DH
Serial Num	-	
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	EMERSON
Horsepower	-	0.125
Motor Rpm	-	1600
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	1.7

Test Data		
	Design	Actual
CFM	500	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	

Notes:

Not running as of 12/9/25 visit

Written By: Aaron Cosby on 12/09/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: FAN - Exhaust



Asset: EF E7

AREA: STORAGE

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	90C15DH	90C15DH
Serial Num	-	
Type	UPBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Frame	-	48Y
Horsepower	-	0.25
Motor Rpm	-	1625
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3.0

Test Data		
	Design	Actual
CFM	400	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	

Notes:

Not running as of 12/9/25 visit

Written By: Aaron Cosby on 12/09/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: FAN - Exhaust



Asset: EF E9

AREA: MEN RESTROOM

Unit Data		
	Design	Actual
MFG	UNKNOWN	NA
Model Num	UNKNOWN	NA
Serial Num	-	NA
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Horsepower	-	0.16
Motor Rpm	-	1140
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3.8

Test Data		
	Design	Actual
CFM	-	214
Fan RPM	-	1140
Fan Rotation	-	CCW
RL Voltage	-	115
RL Amperage	-	3.5
Total ESP	-	0.39"
Fan Inlet SP	-	-0.39"
Fan Discharge SP	-	ATM

Completed By: Aaron Cosby on 12/09/2025

Notes:
NO DESIGN CFM IN SUBMITTALS, LEFT AS IS
Unit tag too faded to read

Written By: Aaron Cosby on 12/09/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: FAN - Supply



Asset: MAU1

AREA:DELI HOODS

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	A2-20D	EA-A2-20D
Serial Num	-	7527231
Type	MAU	MAU
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Horsepower	1.0	1.0
Motor Rpm	-	2100
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	3.8

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	NA
Flame Status (pass/fail)	-	NA
Inlet Air Temp SetPt	55	NA
Discharge Air Temp SetPt	60	NA
Air Flow Switch SP Actual	-	NA

Test Data		
	Design	Actual
CFM	2320	2207
SF RPM	-	2100
Motor RPM	-	2100
SF System SetPt	-	MAX
RL Voltage	-	211/209/214
RL Amperage	-	3.3/NA/NA
Total ESP	-	0.87"
Fan Discharge SP	-	0.87"

General	
	Actual
Fan Rotation Correct	GOOD

Completed By: Aaron Cosby on 12/09/2025

Notes:

Unit isn't capable of heating

Written By: Aaron Cosby on 12/09/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:DELI PREP

Unit Data		
	Design	Actual
MFG	UNKNOWN	GREASE MASTER
Model Num	UNKNOWN	PG-ND-BDL
Job / Serial Num	-	15572
Type	-	TYPE I CANOPY
Hood length	-	96"
Hood Width	-	60"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	20"X25"
Filter Size 2	-	20"X20"
Filter Qty 1	-	3
Filter Qty 2	-	1
Filter AK factor size 1	-	3.42
Filters AK factor size 2	-	2.68
Filter Total AK Area	-	10.26 / 2.68
Filter1 FPM	-	173
Filter2 FPM	-	178
Filter3 FPM	-	173
Filter4 FPM	-	180
Filter Ave FPM(corr)	-	175 / 180
CFM	-	2274

Cooking Equipment	
	Actual
Item 1	OVEN

Completed By: Aaron Cosby on 12/03/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:DELI PREP

Unit Data		
	Design	Actual
MFG	UNKNOWN	GREASE MASTER
Model Num	UNKNOWN	GSW-1
Job / Serial Num	-	NA
Type	-	TYPE I CANOPY
Hood length	-	144"
Hood Width	-	48"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	20"X25"
Filter Qty 1	-	7
Filter AK factor size 1	-	3.42
Filter Total AK Area	-	23.94
Filter1 FPM	-	155
Filter2 FPM	-	167
Filter3 FPM	-	93
Filter4 FPM	-	106
Filter5 FPM	-	107
Filter6 FPM	-	125
Filter7 FPM	-	121
Filter Ave FPM(corr)	-	124
CFM	2900	2968

Cooking Equipment	
	Actual
Item 1	OVEN
Item 2	FRYER

Completed By: Aaron Cosby on 12/03/2025

Notes:
NO UNIT TAG FOUND

Written By: Aaron Cosby on 12/03/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: Kitchen Hood Type I



Asset: HD3

AREA:BAKERY

Unit Data

	Design	Actual
MFG	UNKNOWN	GAYLORD
Model Num	UNKNOWN	PG-ND-BDL-O
Job / Serial Num	-	GI-11-1815572
Type	-	OVEN HOOD
Hood length	-	72"
Hood Width	-	30"

Test Data Exhaust

	Design	Actual
CFM	900	859

Cooking Equipment

	Actual
Item 1	OVEN

Completed By: Aaron Cosby on 12/03/2025

Unit Data - PHOTO LOG



12/08/2025

National TAB

Project: 12-01-25 KROGER #026-520 ANTIOCH, TN

System/Unit: Kitchen Hood Type I



Asset: HD4

AREA:SEAFOOD

Unit Data		
	Design	Actual
MFG	UNKNOWN	UNKNOWN
Model Num	UNKNOWN	UNKNOWN
Job / Serial Num	-	
Type	-	
Hood length	-	
Hood Width	-	

Test Data Exhaust		
	Design	Actual
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	-	

Cooking Equipment	
	Actual
Item 1	
Item 2	

Completed By: Aaron Cosby on 12/09/2025

Notes:
removed from space

Written By: Aaron Cosby on 12/03/2025