

National TAB

Project: 07-21-25 WHATABURGER #1609 EASTLAND, TX

System/Unit: AHU/RTU



Asset: RTU1

AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	AAON	AAON
Serial Num	-	202505-BNGP12265
Model Num	RN-020-8-0-GB04-349	RN-020-3-0-FABY-S0-21-000-A
Num OA Filters 1	-	3
OA Filter Size 1	-	20X24
Num Final Filter 1	-	6
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	213/5T
Horsepower	-	3.0
Motor Rpm	-	1175
Phase	3	3
Rated Voltage	208	230
Rated Amperage	-	9.57

Drive Data	
	Actual
Motor Sheave Size	DIRECT DRIVE

Test Data		
	Design	Actual
SF CFM (Traverse)	-	3973
SF CFM	3850	3802
SF RPM	-	940
MOTOR RPM	-	940
RA CFM (Traverse)	-	1288
RA CFM	1390	1399
OA CFM	2460	2529
RL Voltage	-	294 VFD
RL Amperage	-	6.1 VFD
SF System SetPt	-	48 HZ
RA Damper Position	-	35%
Min OA Damper Position	-	65%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.22"
Fan Suction SP	-	-0.46"
Fan Discharge SP	-	0.50"
Total ESP	.75"	0.72"
Fan Total SP	-	0.96"

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

Completed By: Oscar Ventura on 07/24/2025

Unit Data - PHOTO LOG



07/24/2025

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Project:07-21-25 WHATABURGER #1609 EASTLAND, TX

AHU/RTU



Diffuser Supply (GRD)

RTU1/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	ENTRY	H10	12X14	150	1	97	89	138	92.0
SGRD2	KITCHEN	A5	12X14	320	1	172	149	294	91.9
SGRD3	KITCHEN	A5	12X14	175	1	138	122	161	92.0
SGRD4	KITCHEN	A3	18X14	190	1	140	133	199	104.7
SGRD5	KITCHEN	A6	18X14	450	1	809	747	432	96.0
SGRD6	KITCHEN	A6	18X14	450	1	805	713	446	99.1
SGRD7	COOKING	A6	18X14	450	1	482	434	466	103.6
SGRD8	COOKING	A6	18X14	450	1	462	410	445	98.9
SGRD9	BOH	P1	16X14	200	1	110	95	187	93.5
SGRD10	DELIVERY	A5	16X14	345	1	287	257	349	101.2
SGRD11	KITCHEN	B3	16X14	450	1	429	396	459	102.0
SGRD12	RESTROOM	B3	16X14	75	1	112	105	78	104.0
SGRD13	WASHROOM	A3	12/14	70	1	93	77	72	102.9
SGRD14	RESTROOM	B3	16/14	75	1	105	90	76	101.3
Total				3850		4241	3817	3802	98.75%

Diffuser Ret/Exh (GRD)

RTU1/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	KITCHEN	C8	20X18	1390	1	1635	1463	1399	100.6
Total				1390		1635	1463	1399	100.65%

Completed By: Oscar Ventura on 07/24/2025

National TAB

Project: 07-21-25 WHATABURGER #1609 EASTLAND, TX

System/Unit: AHU/RTU



Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	AAON	AAON
Serial Num	-	202504-ANGK122638
Model Num	RN-013-8-0-GB04-3F9	RN-013-3-0-FABY-S0-21-000-A
Num OA Filters 1	-	2
OA Filter Size 1	-	24X20
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR RELIANCE
Frame	-	184T
Horsepower	-	2.0
Motor Rpm	-	1175
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	6.8

Drive Data	
	Actual
Motor Sheave Size	DIRECT DRIVE

Test Data		
	Design	Actual
SF CFM (Traverse)	-	2070
SF CFM	2050	2030
SF RPM	-	955
MOTOR RPM	-	955
RA CFM (Traverse)	-	479
RA CFM	500	528
OA CFM	1550	1512
RL Voltage	-	296 VFD
RL Amperage	-	2.88 VFD
SF System SetPt	-	49 HZ
RA Damper Position	-	30%
Min OA Damper Position	-	70%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.12"
Fan Suction SP	-	-0.27"
Fan Discharge SP	-	0.24"
Total ESP	.50"	0.36"
Fan Total SP	-	0.51"

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

Completed By: Oscar Ventura on 07/24/2025

Unit Data - PHOTO LOG



07/24/2025

National TAB

Project:07-21-25 WHATABURGER #1609 EASTLAND, TX

AHU/RTU



Diffuser Supply (GRD)

RTU2/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	P3	10X10	100	1	257	104	106	106.0
SGRD2	DINING	P3	14X12	100	1	326	196	103	103.0
SGRD3	DINING	P3	14X12	100	1	228	117	105	105.0
SGRD4	DINING	P3	14X12	100	1	211	188	97	97.0
SGRD5	DINING	P3	14X12	100	1	169	159	94	94.0
SGRD6	DINING	P3	14X12	100	1	145	138	98	98.0
SGRD7	DINING	P3	14X12	100	1	224	113	105	105.0
SGRD8	DINING	P3	14X12	100	1	205	179	104	104.0
SGRD9	DINING	P3	14X12	100	1	186	166	101	101.0
SGRD10	DINING	P3	14X12	100	1	194	159	99	99.0
SGRD11	DINING	P3	14X12	100	1	260	153	94	94.0
SGRD12	DINING	P3	14X12	100	1	241	126	92	92.0
SGRD13	DINING	P3	14X12	100	1	239	115	109	109.0
SGRD14	DINING	A4	30X12	145	1		128	133	91.7
SGRD15	DINING	A4	30X12	145	1		211	146	100.7
SGRD16	DINING	A4	30X12	145	1	251	117	139	95.9
SGRD17	DINING	A4	30X12	145	1	328	173	148	102.1
SGRD18	DINING	P3	10X10	170	1	64	61	157	92.4
Total				2050		3528	2603	2030	99.02%

Diffuser Ret/Exh (GRD)

RTU2/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	DINING	C8	45X14	500	1	1248	846	528	105.6
Total				500		1248	846	528	105.6%

National TAB

Project:07-21-25 WHATABURGER #1609 EASTLAND, TX



Diffuser Supply (GRD)

RTU1/KITCHEN

Asset										
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
SGRD1	ENTRY	H10	12X14	150	1	97	89	138	92.0	
SGRD2	KITCHEN	A5	12X14	320	1	172	149	294	91.9	
SGRD3	KITCHEN	A5	12X14	175	1	138	122	161	92.0	
SGRD4	KITCHEN	A3	18X14	190	1	140	133	199	104.7	
SGRD5	KITCHEN	A6	18X14	450	1	809	747	432	96.0	
SGRD6	KITCHEN	A6	18X14	450	1	805	713	446	99.1	
SGRD7	COOKING	A6	18X14	450	1	482	434	466	103.6	
SGRD8	COOKING	A6	18X14	450	1	462	410	445	98.9	
SGRD9	BOH	P1	16X14	200	1	110	95	187	93.5	
SGRD10	DELIVERY	A5	16X14	345	1	287	257	349	101.2	
SGRD11	KITCHEN	B3	16X14	450	1	429	396	459	102.0	
SGRD12	RESTROOM	B3	16X14	75	1	112	105	78	104.0	
SGRD13	WASHROOM	A3	12/14	70	1	93	77	72	102.9	
SGRD14	RESTROOM	B3	16/14	75	1	105	90	76	101.3	
Total				3850		4241	3817	3802	98.75%	

Completed By: Oscar Ventura on 07/24/2025

RTU2/DINING

Asset										
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
SGRD1	DINING	P3	10X10	100	1	257	104	106	106.0	
SGRD2	DINING	P3	14X12	100	1	326	196	103	103.0	
SGRD3	DINING	P3	14X12	100	1	228	117	105	105.0	
SGRD4	DINING	P3	14X12	100	1	211	188	97	97.0	
SGRD5	DINING	P3	14X12	100	1	169	159	94	94.0	
SGRD6	DINING	P3	14X12	100	1	145	138	98	98.0	
SGRD7	DINING	P3	14X12	100	1	224	113	105	105.0	
SGRD8	DINING	P3	14X12	100	1	205	179	104	104.0	
SGRD9	DINING	P3	14X12	100	1	186	166	101	101.0	
SGRD10	DINING	P3	14X12	100	1	194	159	99	99.0	
SGRD11	DINING	P3	14X12	100	1	260	153	94	94.0	
SGRD12	DINING	P3	14X12	100	1	241	126	92	92.0	
SGRD13	DINING	P3	14X12	100	1	239	115	109	109.0	
SGRD14	DINING	A4	30X12	145	1		128	133	91.7	
SGRD15	DINING	A4	30X12	145	1		211	146	100.7	
SGRD16	DINING	A4	30X12	145	1	251	117	139	95.9	
SGRD17	DINING	A4	30X12	145	1	328	173	148	102.1	
SGRD18	DINING	P3	10X10	170	1	64	61	157	92.4	
Total				2050		3528	2603	2030	99.02%	

TRAVERSES/

Asset										
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
RETURN TRAVERSE-RTU1	-	-	11.5 X 43	1390	-	-	-	1288	92.7	376
RETURN TRAVERSE - RTU2	KITCHEN	RECTANGULAR	11.5 X 43	500	TRAVERSE	734	616	479	95.8	
SUPPLY TRAVERSE - RTU1	-	-	18" DIAMETER	3850	-	-	-	3973	103.2	2245
SUPPLY TRAVERSE - RTU2	-	-	20" DIAMETER	2050	-	-	-	2070	101.0	949
Total				7790				7810	100.26%	

Completed By: Oscar Ventura on 07/24/2025

National TAB

Project: 07-21-25 WHATABURGER #1609 EASTLAND, TX

System/Unit: FAN - Exhaust



Asset: EF1

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	G-080-VG	GB-098-6119XQD
Serial Num	-	24817230
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	.10	1/6
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	3.6
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	300	318
Fan RPM	1680	1613
Fan Rotation	-	CW
Motor RPM	-	1715
System SetPt	-	3 TURNS OUT
RL Voltage	-	120
RL Amperage	-	3.3
Total ESP	.50"	0.26"
Fan Inlet SP	-	-0.26"
Fan Discharge SP	-	ATM

Completed By: Oscar Ventura on 07/24/2025

Unit Data - PHOTO LOG



07/24/2025

National TAB

Project:07-21-25 WHATABURGER #1609 EASTLAND, TX

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF1/RESTROOMS

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	RESTROOM	F1	8X8	150	1	187	174	157	104.7
EGRD2	RESTROOM	F1	8X8	150	1	174	167	161	107.3
Total				300		361	341	318	106%

Completed By: Oscar Ventura on 07/23/2025

National TAB

Project: 07-21-25 WHATABURGER #1609 EASTLAND, TX

System/Unit: FAN - Exhaust



Asset: KEF1

AREA:GRILL HOOD FAN

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	CUE-140-VG	CUE-140-10-VG
Serial Num	-	27046622
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	1995	1944
Fan RPM	1517	1137
Fan Rotation	-	CW
Motor RPM	-	1137
System SetPt	-	6.5 (SPEED DIAL)
RL Voltage	-	120
RL Amperage	-	2.8
Total ESP	1.00"	0.42"
Fan Inlet SP	-	-0.42"
Fan Discharge SP	-	ATM

Motor Data		
	Design	Actual
Motor MFG	-	VARI-GREEN
Frame	-	NL
Horsepower	.75	1.0
Motor Rpm	-	1750
Phase	1	1
Voltage (rated)	208	115
Amperage (rated)	-	11.5
Service Factor	-	NL

Completed By: Oscar Ventura on 07/24/2025

Unit Data - PHOTO LOG



07/24/2025

National TAB

Project: 07-21-25 WHATABURGER #1609 EASTLAND, TX

System/Unit: FAN - Exhaust



Asset: KEF2

AREA:FRYER HOOD FANN

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	CUE-120-VG	CUE-120-5-VG
Serial Num	-	27046606
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	1216	1225
Fan RPM	1415	1312
Fan Rotation	-	CW
Motor RPM	-	1312
System SetPt	-	7.5 (SPEED DIAL)
RL Voltage	-	120
RL Amperage	-	3.1
Total ESP	.75"	0.35"
Fan Inlet SP	-	-0.35"
Fan Discharge SP	-	ATM

Motor Data		
	Design	Actual
Motor MFG	-	VARI-GREEN
Frame	-	NL
Horsepower	.50	0.5
Motor Rpm	-	1750
Phase	1	1
Voltage (rated)	208	115
Amperage (rated)	-	3.8
Service Factor	-	NL

Completed By: Oscar Ventura on 07/24/2025

Unit Data - PHOTO LOG



07/24/2025

National TAB

Project: 07-21-25 WHATABURGER #1609 EASTLAND, TX

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:GRILL HOOD

Unit Data		
	Design	Actual
MFG	H&K	H&K
Model Num	--	HKD027
Job / Serial Num	-	8165613-001
Type	TYPE I -	TYPE I
Hood length	--	172"
Hood Width	--	54"

Test Data Exhaust		
	Design	Actual
Filter Type	KASON TRAPPER SS FILTER	FLAME GUARD TYPE VI
Filter Size 1	-	12X20
Filter Qty 1	-	8
Filter AK factor size 1	-	1.5
Filter Total AK Area	-	12
Filter1 FPM	-	156
Filter2 FPM	-	162
Filter3 FPM	-	179
Filter4 FPM	-	162
Filter5 FPM	-	164
Filter6 FPM	-	177
Filter7 FPM	-	163
Filter8 FPM	-	134
Filter Ave FPM(corr)	-	162
CFM	1995	1944

Cooking Equipment	
	Actual
Item 1	GRILL

Completed By: Oscar Ventura on 07/24/2025

Unit Data - PHOTO LOG



07/24/2025

National TAB

Project: 07-21-25 WHATABURGER #1609 EASTLAND, TX

System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:FRY HOOD

Unit Data		
	Design	Actual
MFG	H&K	H&K
Model Num	--	HKDO23
Job / Serial Num	-	8165632-001
Type	TYPE I	TYPE I
Hood length	--	72"
Hood Width	--	26"

Test Data Exhaust		
	Design	Actual
Filter Type	KASON TRAPPER SS	FLAME GUARD TYPE VI
Filter Size 1	-	12X16
Filter Qty 1	-	4
Filter AK factor size 1	-	1.16
Filter Total AK Area	-	4.64
Filter1 FPM	-	250
Filter2 FPM	-	276
Filter3 FPM	-	277
Filter4 FPM	-	256
Filter Ave FPM(corr)	-	264
CFM	1216	1225

Cooking Equipment	
	Actual
Item 1	FRYERS

Completed By: Oscar Ventura on 07/24/2025

Unit Data - PHOTO LOG



07/24/2025