

Report By:

National TAB
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Cincinnati, OH 45246



Report: Test and Balance

Date: 10/15/2018

PROJECT

RED ROBIN - BARTONSVILLE, PA (STROUDSBURG) REVIVE

250 Route 611, Crossroads Mall
BARTONSVILLE, PA 18321

Client

Lehigh Valley Restaurant Group
6802 Hamilton Blvd
Allentown, PA 18106

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Project: RED ROBIN - BARTONSVILLE, PA (STROUDSBURG) REVIVE

Table Of Contents

Section	Page #
Phase II Summary	3
Balance Schedule	4
GRD Layout	5
AHU/RTU	6
AHU/RTU	7
FAN - Supply	9
FAN - Exhaust	10
Kitchen Hood Type I	15
Kitchen Hood Type II	18



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REVIVE



Phase II Summary

Assigned Organization: National TAB

Status: Not Submitted

Asset:

SUMMARY	
	<p>Purpose of the Phase II visit was to perform final balance of the systems after recommendations from Phase I are completed. RTU-2 motor had been replaced and now that unit is operating at design airflow. RTU-3 (kitchen) pulley is now adjustable and was increased to maximum speed with available drive. The airflow is still a little below design but at current levels should not cause any issue with the performance. Lowest recommended airflow from Trane is 320 CFM/ton and it is operating at 335 CFM/ton. The lower airflow will actually help dehumidify air some. MUA pulley is now adjustable and the airflow was reduced to 4430 CFM. This rate will help prevent spillage into the space. RTU-1 economizer is now functional and it was set to approximately 15% ratio. Restroom exhaust was retested now that duct cleaning is completed and airflow is now within design tolerance. Final building pressure measured as neutral/slightly negative and is within the IMC recommended tolerance.</p>
RECOMMENDATION (CLEAN/REPAIR/REPLACE/INFO)	
LOW	<p>Stage 1 and 2 cooling was found to be wired together on the RTU's. This will cause Stage 1 cooling to never run independent of Stage 2. Recommend correcting wiring so that Stage 1 and 2 run independently of each other. Stage 2 cooling causes space to get to setpoint faster and as a result dehumidifies the air less.</p>

Notes/Comments:



AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
RTU-1	DINING	6125	5578	5175	4615	950	963	15.5%	17.3%						
RTU-2	BAR DINING	6125	6146	5175	5170	950	976	15.5%	15.9%						
RTU-3	KITCHEN	6000	5027	5250	4272	750	755	12.5%	15.0%						
MUA-1	HOOD 1, 2, 3									5088	4430				
EF-1	HOOD 1											1800	2107		
EF-2	HOOD 2											3160	2883		
EF-3	HOOD 3											1400	1251		
EF-4	DISH HOOD 4											900	961		
EF-5	RESTROOMS													600	546
TOTALS		18250	16751	15600	14057	2650	2694			5088	4430	7260	7202	600	546

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	7738	7124
TOTAL EXHAUST	7860	7748
NET AIRFLOW	-122	-624

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.005
SIDE	-0.005
REAR	n/a
AVERAGE	-0.005

FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓
- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓
- PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✓

NOTES:



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System/Unit: AHU/RTU

Asset: RTU1

AREA: DINING

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Model Num	YFD211C3HA	YFD211C3HA
Serial Num	-	651100852D
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	17X60 7.08
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	4
Final Filter Size 2	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56 HZ
Horsepower	5.0	5
Motor Rpm	-	3450
Phase	3	3
Rated Voltage	208	208-230/460
Rated Amperage	-	13.4-12.6/6.3

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL40
Motor Bore Size	-	7/8
Motor Sheave SetPt	-	4.0 MAXIMIZED
Fan Sheave Size	-	BK160
Fan Sheave Bore	-	1 3/16
Belt CL Distance	-	22
Num of Belts	-	1
Belt Size	-	BX75
Belt Alignment	-	YES

Test Data		
	Design	Actual
SF CFM	6125	5578
SF RPM	-	834
RA CFM	5175	4615
OA CFM	950	963
RL Voltage	-	211/211/211
RL Amperage	-	11.3/11.0/11.6
SF Rotation	-	CCW
RA Damper Position	-	90
Min OA Damper Position	-	10
Min OA Damper Type	-	ECONOMIZING HORIZONTAL BLADE
Brake Horse Power	-	4.22

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.68
Fan Suction SP	-	-0.85
Fan Discharge SP	-	0.18
Total ESP	.75"	0.86
Fan Total SP	-	1.03

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

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Notes:



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System/Unit: AHU/RTU

Asset: RTU2

AREA: BAR DINING

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Model Num	YFD211C3HA	YFD211C3HA
Serial Num	-	651100818D
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	59X17 6.97
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	4
Final Filter Size 2	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56 HZ
Horsepower	5.0	5
Motor Rpm	-	3450
Phase	3	3
Rated Voltage	208	208-230/460
Rated Amperage	-	13.4-12.6/6.3

Drive Data		
	Design	Actual
Motor Sheave Size	-	VP44
Motor Bore Size	-	7/8
Motor Sheave SetPt	-	3.7
Fan Sheave Size	-	BK160
Fan Sheave Bore	-	1 5/16
Belt CL Distance	-	22 1/8
Num of Belts	-	1
Belt Size	-	B76
Belt Alignment	-	GOOD

Test Data		
	Design	Actual
SF CFM	6125	6146
SF RPM	-	848
RA CFM	5175	5170
OA CFM	950	976
RL Voltage	-	212/213/214
RL Amperage	-	11.4/10.7/11.8
SF Rotation	-	CCW
RA Damper Position	-	90
Min OA Damper Position	-	10
Min OA Damper Type	-	ECONOMIZING HORIZONTAL BLADE
Brake Horse Power	-	4.22

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.74
Fan Suction SP	-	-0.99
Fan Discharge SP	-	0.05
Total ESP	.75"	0.79
Fan Total SP	-	1.04

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

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Project: RED ROBIN - BARTONSVILLE, PA (STROUDSBURG)
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System/Unit: AHU/RTU

Asset: RTU3

AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Model Num	YFD181C3LA	YFD181C3LA
Serial Num	-	651100807D
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	59.25X17 6.99
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2
Num Final Filter 2	-	4
Final Filter Size 2	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	GE
Frame	-	56 HZ
Horsepower	3.0	3
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	208	208-230/460
Rated Amperage	-	9.4-9.2/4.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	VP44
Motor Bore Size	-	7/8
Motor Sheave SetPt	-	4.1 MAXIMIZED
Fan Sheave Size	-	BK90
Fan Sheave Bore	-	1 3/16
Belt CL Distance	-	22
Num of Belts	-	1
Belt Size	-	BX64
Belt Alignment	-	YES

Test Data		
	Design	Actual
SF CFM	6000	5027
SF RPM	-	815
RA CFM	5250	4272
OA CFM	750	755
RL Voltage	-	213/214/214
RL Amperage	-	9.0/8.9/9.6
SF Rotation	-	CCW
RA Damper Position	-	97
Min OA Damper Position	-	3
Min OA Damper Type	-	ECONOMIZING HORIZONTAL BLADE
Brake Horse Power	-	2.93

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.54
Fan Suction SP	-	-0.66
Fan Discharge SP	-	0.26
Total ESP	.75"	0.80
Fan Total SP	-	0.92

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

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Notes: Sheave is maximized and motor is near FLA.



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System/Unit: FAN - Supply

Asset: MAU1

AREA: HOOD 1, 2, 3

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	NUMUA3-18"-G18	A2-D.500-G15
Serial Num	-	533909
Type	MUA	MUA
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE

Test Data		
	Design	Actual
CFM	5088	4430
SF RPM	658	928
Motor RPM	-	1769
RL Voltage	-	212/211/212
RL Amperage	-	7.3/6.8/6.6
Total ESP	.50"	NO ACCESS
Fan Discharge SP	-	NO ACCESS

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	184T
Horsepower	3.0	5
Motor Rpm	-	1735
Phase	3	3
Voltage (rated)	208	208-230/460
Amperage (rated)	-	14.1-12.8/6.38
Service Factor	-	1.15 1.0 @ 208 VOLTS

General		
	Design	Actual
Fan Rotation Correct	-	YES

Drive Data		
	Design	Actual
Motor Sheave Size	-	2VP42
Motor Bore Size	-	1 1/8
Fan Sheave Size	-	6 3/4
Fan Sheave Bore	-	1
Belt CL Distance	-	19
Num of Belts	-	2
Belt Size	-	B52
Belt Alignment Verified	-	YES

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	YES
Flame Status (pass/fail)	-	PASS
Inlet Air Temp SetPt	55	55
Discharge Air Temp SetPt	60	60
Air Flow Switch SP Actual	-	NO ACCESS

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System/Unit: FAN - Exhaust

Asset: EF1

AREA: HOOD 1

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	HRE-13	HRE-13
Serial Num	-	NOT LEGIBLE
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	UTILITY	UTILITY

Test Data		
	Design	Actual
CFM	1800	2107
Fan RPM	1733	1073
Fan Rotation	-	CCW
Motor RPM	-	1758
RL Voltage	-	211/212/211
RL Amperage	-	3.7/3.6/3.6
Suction ESP	-	NO ACCESS
Discharge ESP	-	ATM
Total ESP	1.00"	NO ACCESS
Brake Horse Power	-	1.04

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	56H
Horsepower	1.0	1
Motor Rpm	-	1760
Phase	3	3
Voltage (rated)	208	208-230/460
Amperage (rated)	-	3.47-3.14/1.57
Service Factor	-	1.0

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL40
Motor Bore Size	-	5/8
Motor Sheave SetPt	-	-
Fan Sheave Size	-	5 1/4
Fan Sheave Bore	-	1
Belt CL Distance	-	26 7/8
Num of Belts	-	1
Belt Size	-	A65

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REVIVE



System/Unit: FAN - Exhaust

Asset: EF2

AREA: HOOD 2

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	NCA18HPFA	NCA18HPFA
Serial Num	-	NOT LEGIBLE
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	UPBLAST	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	NOT LEGIBLE
Horsepower	1.50	NOT LEGIBLE
Motor Rpm	-	NOT LEGIBLE
Phase	3	NOT LEGIBLE
Voltage (rated)	208	NOT LEGIBLE
Amperage (rated)	-	NOT LEGIBLE
Service Factor	-	NOT LEGIBLE

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL40
Motor Bore Size	-	5/8
Motor Sheave SetPt	-	-
Fan Sheave Size	-	4 1/2
Fan Sheave Bore	-	3/4
Belt CL Distance	-	6 3/4
Num of Belts	-	1
Belt Size	-	A23

Test Data		
	Design	Actual
CFM	3160	2883
Fan RPM	1140	1185
Fan Rotation	-	CCW
Motor RPM	-	1718
RL Voltage	-	212/212/211
RL Amperage	-	2.7/2.6/2.6
Suction ESP	-	-1.00
Discharge ESP	-	ATM
Total ESP	1.25"	1.00
Brake Horse Power	-	SEE NOTES

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Notes: insufficient data to calculate BHP.



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REVIVE



System/Unit: FAN - Exhaust

Asset: EF3

AREA: HOOD 3

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	NCA14FA	NCA14FA
Serial Num	-	NOT LEGIBLE
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	UPBLAST	UPBLAST

Test Data		
	Design	Actual
CFM	1400	1251
Fan RPM	984	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
RL Voltage	-	122
RL Amperage	-	4.6
Suction ESP	-	-0.78
Discharge ESP	-	ATM
Total ESP	.75"	0.78
Brake Horse Power	-	0.28

Motor Data		
	Design	Actual
Motor MFG	-	DAYTON
Frame	-	48YZ
Horsepower	.50	1/2
Motor Rpm	-	1625
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	8.2
Service Factor	-	1.0

Drive Data		
	Design	Actual
Motor Sheave Size	-	DIRECT DRIVE
Motor Bore Size	-	DIRECT DRIVE
Motor Sheave SetPt	-	DIRECT DRIVE
Fan Sheave Size	-	DIRECT DRIVE
Fan Sheave Bore	-	DIRECT DRIVE
Belt CL Distance	-	DIRECT DRIVE
Num of Belts	-	DIRECT DRIVE
Belt Size	-	DIRECT DRIVE

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Notes:



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REVIVE



System/Unit: FAN - Exhaust

Asset: EF4

AREA: DISHWARE HOOD 4

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DR50HFA	DR50HFA
Serial Num	-	3034891
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	DOWNBLAST	DOWNBLAST

Motor Data		
	Design	Actual
Motor MFG	-	HSSA
Frame	-	48Y
Horsepower	.50	1/3
Motor Rpm	-	1625
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	3.8
Service Factor	-	1.0

Test Data		
	Design	Actual
CFM	900	961
Fan RPM	1150	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	MEDIUM
RL Voltage	-	123
RL Amperage	-	2.2
Total ESP	.75"	0.54
Fan Inlet SP	-	-0.54
Fan Discharge SP	-	ATM

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REVIVE



System/Unit: FAN - Exhaust

Asset: EF5

AREA: RESTROOMS

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DR30HFA	DR30HFA
Serial Num	-	NOT LEGIBLE
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	DOWNBLAST	DOWNBLAST

Test Data		
	Design	Actual
CFM	600	546
Fan RPM	1217	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	MEDIUM
RL Voltage	-	122
RL Amperage	-	3.1
Total ESP	.62"	0.96
Fan Inlet SP	-	-0.96
Fan Discharge SP	-	ATM

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	.25	1/4
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	2.8
Service Factor	-	1

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Notes:

Diffuser Ret/Exh (GRD)

EF5 / RESTROOMS

Asset	Area Served	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
EGRD1	MENS RR	G	10"	300	213	231	77.0
EGRD2	WOMENS RR	G	10"	300	288	315	105.0

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Asset	Area Served	Notes



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System/Unit: Kitchen Hood Type I

Asset: HD1

AREA: HOOD 1

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	4524 ND-PSP-F	4524 ND-PSP-F
Job / Serial Num	-	NOT LEGIBLE
Type	TYPE I CANOPY	TYPE 1 CANOPY
Hood length	96	96
Hood Width	45	48
Supply Plenum Type	PSP	PSP
Supply Plenum Width	-	12
Supply Plenum Length	-	114

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLED
Filter Size 1	-	20X16
Filter Size 2	-	16X16
Filter Qty 1	-	4
Filter Qty 2	-	1
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	1.62
Filter Total AK Area	-	9.94
Filter1 FPM	-	214
Filter2 FPM	-	207
Filter3 FPM	-	244
Filter4 FPM	-	223
Filter5 FPM	-	174
Filter6 FPM	-	-
Filter7 FPM	-	-
Filter8 FPM	-	-
Filter9 FPM	-	-
Filter10 FPM	-	-
Filter Ave FPM(corr)	-	212
CFM	1800	2107

Cooking Equipment		
	Design	Actual
Item 1	-	BURGER COOKER
Item 2	-	CHAR BROILER
Item 3	-	-

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	-	9.5
Kv factor (Vel)	-	0.87
Num of Readings	-	9
Reading1 FPM	-	186
Reading2 FPM	-	144
Reading3 FPM	-	149
Reading4 FPM	-	188
Reading5 FPM	-	189
Reading6 FPM	-	178
Reading7 FPM	-	141
Reading8 FPM	-	161
Reading9 FPM	-	184
Reading10 FPM	-	-
Reading11 FPM	-	-
Reading12 FPM	-	-
Reading13 FPM	-	-
Reading14 FPM	-	-
Ave FPM(corr)	-	168
CFM	1440	1389

Performance Data		
	Design	Actual
Exh-Supply Net CFM	360	487
Smoke Generation Type	-	45 SECOND
Cooking Equip Heat On	-	YES
Hood Capture %	-	100
End Panels Installed (Y/N)	-	NO

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REVIVE



System/Unit: Kitchen Hood Type I

Asset: HD2

AREA: HOOD 2

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	4524 ND-PSP-F	4524 ND-PSP-F
Job / Serial Num	-	NOT LEGIBLE
Type	TYPE I CANOPY	TYPE 1 CANOPY
Hood length	192	192
Hood Width	45	48
Supply Plenum Type	PSP	PSP
Supply Plenum Width	-	12
Supply Plenum Length	-	192

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLED
Filter Size 1	-	20X16
Filter Size 2	-	16X16
Filter Qty 1	-	8
Filter Qty 2	-	2
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	1.62
Filter Total AK Area	-	19.88
Filter1 FPM	-	143
Filter2 FPM	-	136
Filter3 FPM	-	147
Filter4 FPM	-	143
Filter5 FPM	-	105
Filter6 FPM	-	173
Filter7 FPM	-	162
Filter8 FPM	-	159
Filter9 FPM	-	162
Filter10 FPM	-	121
Filter Ave FPM(corr)	-	145
CFM	3160	2883

Cooking Equipment		
	Design	Actual
Item 1	-	GRIDDLE
Item 2	-	RANGE
Item 3	-	FRYERS

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Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	-	16
Kv factor (Vel)	-	0.87
Num of Readings	-	14
Reading1 FPM	-	46
Reading2 FPM	-	27
Reading3 FPM	-	49
Reading4 FPM	-	93
Reading5 FPM	-	171
Reading6 FPM	-	227
Reading7 FPM	-	224
Reading8 FPM	-	158
Reading9 FPM	-	179
Reading10 FPM	-	233
Reading11 FPM	-	199
Reading12 FPM	-	196
Reading13 FPM	-	192
Reading14 FPM	-	229
Ave FPM(corr)	-	158
CFM	2528	2199

Performance Data		
	Design	Actual
Exh-Supply Net CFM	632	
Smoke Generation Type	-	45 SECOND
Cooking Equip Heat On	-	YES
Hood Capture %	-	100
End Panels Installed (Y/N)	-	YES



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Project: RED ROBIN - BARTONSVILLE, PA (STROUDSBURG)
REVIVE



System/Unit: Kitchen Hood Type I

Asset: HD3

AREA: HOOD 3

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	4524 ND-PSP-F	4524 ND-PSP-F
Job / Serial Num	-	NOT LEGIBLE
Type	TYPE I CANOPY	TYPE 1 CANOPY
Hood length	96	96
Hood Width	45	48
Supply Plenum Type	PSP	PSP
Supply Plenum Width	-	12
Supply Plenum Length	-	96

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLED
Filter Size 1	-	20X20
Filter Size 2	-	20X16
Filter Qty 1	-	3
Filter Qty 2	-	2
Filter AK factor size 1	-	2.08
Filters AK factor size 2	-	1.62
Filter Total AK Area	-	9.48
Filter1 FPM	-	130
Filter2 FPM	-	121
Filter3 FPM	-	134
Filter4 FPM	-	152
Filter5 FPM	-	126
Filter6 FPM	-	-
Filter7 FPM	-	-
Filter8 FPM	-	-
Filter9 FPM	-	-
Filter10 FPM	-	-
Filter Ave FPM(corr)	-	132
CFM	1400	1251

Cooking Equipment		
	Design	Actual
Item 1	-	6 BURNER RANGE
Item 2	-	-
Item 3	-	-

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	-	8
Kv factor (Vel)	-	0.87
Num of Readings	-	7
Reading1 FPM	-	112
Reading2 FPM	-	136
Reading3 FPM	-	146
Reading4 FPM	-	165
Reading5 FPM	-	80
Reading6 FPM	-	97
Reading7 FPM	-	104
Reading8 FPM	-	-
Reading9 FPM	-	-
Reading10 FPM	-	-
Reading11 FPM	-	-
Reading12 FPM	-	-
Reading13 FPM	-	-
Reading14 FPM	-	-
Ave FPM(corr)	-	121
CFM	1120	842

Performance Data		
	Design	Actual
Exh-Supply Net CFM	280	
Smoke Generation Type	-	45 SECOND
Cooking Equip Heat On	-	YES
Hood Capture %	-	100
End Panels Installed (Y/N)	-	NO

Completed By: Mitch Kerr on 09/19/2018

Notes:



National TAB

Project: RED ROBIN - BARTONSVILLE, PA (STROUDSBURG)
REVIVE



System/Unit: Kitchen Hood Type II

Asset: HD4

AREA: DISHWARE HOOD 4

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE AIRE
Model Num	4224VH1-G	4224VH1-G
Serial Num	-	NOT LISTED
Type	TYPE II CANOPY	TYPE II CANOPY
Hood length	72	84
Hood Width	42	42

Test Data		
	Design	Actual
Exhaust CFM	900	961

Completed By: Mitch Kerr on 05/07/2018

Notes: