

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

System/Unit: AHU/RTU



Comfort. Under control.

Asset: DOAS1

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	

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	-	
Belt Alignment	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	
Brake Horse Power	-	

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

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

Completed By: Brianna Biggs

Notes:

Asset	Notes

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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

System/Unit: AHU/RTU



Comfort. Under control.

Asset: DOAS2

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	

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	-	
Belt Alignment	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	
Brake Horse Power	-	

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

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

Completed By: Brianna Biggs

Notes:

Asset	Notes

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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU1

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5604C04200
Model Num	NA	LGA102H2BS3G
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	[1]
OA Filter Size 1	-	[1]
Num Final Filter 1	-	4
Final Filter Size 1	-	18x24x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56HC-85
Horsepower	-	2
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.9

Drive Data		
	Design	Actual
Motor Sheave Size	-	[2]
Motor Bore Size	-	[2]
Motor Sheave SetPt	-	4.0 TURNS OPEN
Fan Sheave Size	-	[2]
Fan Sheave Bore	-	[2]
Belt CL Distance	-	17"
Num of Belts	-	1
Belt Size	-	AP48
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	3400	3122
SF RPM	-	856
RA CFM	2720	2481
OA CFM	680	641
RL Voltage	-	483/483/486
RL Amperage	-	2.3/2.5/2.4
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	1/2"
Min OA Damper Type	-	PARALLEL BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.38"
Fan Suction SP	-	-0.59"
Fan Discharge SP	-	0.44"
Total ESP	-	0.82"
Fan Total SP	-	1.03"

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

Completed By: Wesley John

Notes:

Asset	Notes
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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU2

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5604C03912
Model Num	NA	LGC156H2BLG
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	3
OA Filter Size 1	-	16x24
Num Final Filter 1	-	6
Final Filter Size 1	-	24x24x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	CENTURY
Frame	-	PA56HZ
Horsepower	-	2
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	3.5

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	CLOSED
Fan Sheave Size	-	BK95
Fan Sheave Bore	-	1 7/16"
Belt CL Distance	-	20 1/2"
Num of Belts	-	1
Belt Size	-	B59
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	5200	4740
SF RPM	-	759
RA CFM	4160	3754
OA CFM	1040	986
RL Voltage	-	482/481/484
RL Amperage	-	3.5/3.4/3.5
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	1/2"
Min OA Damper Type	-	PARALLEL BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.60"
Fan Suction SP	-	-0.83"
Fan Discharge SP	-	0.54"
Total ESP	-	1.14"
Fan Total SP	-	1.37"

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

Completed By: Wesley John

Notes:

Asset	Notes

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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU3

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5604C03911
Model Num	NA	LGC156H2BL1G
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	3
OA Filter Size 1	-	16x24
Num Final Filter 1	-	6
Final Filter Size 1	-	24x24x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	EMERSON
Frame	-	NL
Horsepower	-	2
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	3.9

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1.0 TURN OPEN
Fan Sheave Size	-	BK95
Fan Sheave Bore	-	1 7/16"
Belt CL Distance	-	20 1/2"
Num of Belts	-	1
Belt Size	-	BX58
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	5200	4976
SF RPM	-	729
RA CFM	4160	3967
OA CFM	1040	1009
RL Voltage	-	484/483/486
RL Amperage	-	3.0/3.3/3.1
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	3/4"
Min OA Damper Type	-	PARALLEL BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.76"
Fan Suction SP	-	-0.92"
Fan Discharge SP	-	0.53"
Total ESP	-	1.29"
Fan Total SP	-	1.45"

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

Completed By: Wesley John

Notes:

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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU4

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5604C03881
Model Num	NA	LGC300H2BS1G
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	5
OA Filter Size 1	-	16x24
Num Final Filter 1	-	12
Final Filter Size 1	-	20x20x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	184T
Horsepower	-	5
Motor Rpm	-	1745
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	6.4

Drive Data		
	Design	Actual
Motor Sheave Size	-	2VP50
Motor Bore Size	-	1 1/8"
Motor Sheave SetPt	-	1.0 TURN OPEN
Fan Sheave Size	-	2BK120
Fan Sheave Bore	-	1 7/16"
Belt CL Distance	-	23 1/2"
Num of Belts	-	2
Belt Size	-	BX71
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	10000	9329
SF RPM	-	814
RA CFM	8000	7403
OA CFM	2000	1926
RL Voltage	-	484/482/481
RL Amperage	-	4.9/4.9/4.7
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	1/2"
Min OA Damper Type	-	PARALLEL BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.84"
Fan Suction SP	-	-1.09"
Fan Discharge SP	-	0.58"
Total ESP	-	1.42"
Fan Total SP	-	1.67"

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

Completed By: Wesley John

Notes:

Asset	Notes
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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU5

AREA:HOST AREA

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5604C04480
Model Num	NA	LGC048S2BS1G
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	[1]
OA Filter Size 1	-	[1]
Num Final Filter 1	-	2
Final Filter Size 1	-	16x25x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	-	1.5
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.0

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	3.0 TURNS OPEN
Fan Sheave Size	-	6"
Fan Sheave Bore	-	1"
Belt CL Distance	-	15 1/2"
Num of Belts	-	1
Belt Size	-	A43
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	1600	1534
SF RPM	-	972
RA CFM	1280	1236
OA CFM	320	298
RL Voltage	-	484/483/486
RL Amperage	-	1.6/1.6/1.5
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	1"
Min OA Damper Type	-	MANUAL SLIDE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.37"
Fan Suction SP	-	-0.50"
Fan Discharge SP	-	0.42"
Total ESP	-	0.79"
Fan Total SP	-	0.92"

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

Completed By: Wesley John

Notes:

Asset	Notes

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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU6

AREA:MAIN DINING

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5603L04834
Model Num	NA	LGA036H2BS2G
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	[1]
OA Filter Size 1	-	[1]
Num Final Filter 1	-	2
Final Filter Size 1	-	16x25x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	EMERSON
Frame	-	NL
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.5

Drive Data		
	Design	Actual
Motor Sheave Size	-	3"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	2.0 TURNS OPEN
Fan Sheave Size	-	6"
Fan Sheave Bore	-	1"
Belt CL Distance	-	15 1/2"
Num of Belts	-	1
Belt Size	-	AP42
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	1200	1163
SF RPM	-	771
RA CFM	1200	1163
OA CFM	0	0
RL Voltage	-	484/486/485
RL Amperage	-	1.4/1.3/1.3
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	[1]
Min OA Damper Type	-	[1]

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.31"
Fan Suction SP	-	-0.48"
Fan Discharge SP	-	0.41"
Total ESP	-	0.72"
Fan Total SP	-	0.89"

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

Completed By: Wesley John

Notes:

Asset	Notes

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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU7

AREA:MAIN DINING

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5604C04290
Model Num	NA	LGC120S2BS1G
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	[1]
OA Filter Size 1	-	[1]
Num Final Filter 1	-	4
Final Filter Size 1	-	18x24x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	EMERSON
Frame	-	NL
Horsepower	-	2
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	3.9

Drive Data		
	Design	Actual
Motor Sheave Size	-	[2]
Motor Bore Size	-	[2]
Motor Sheave SetPt	-	[2]
Fan Sheave Size	-	[2]
Fan Sheave Bore	-	[2]
Belt CL Distance	-	17"
Num of Belts	-	1
Belt Size	-	AP48
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	4000	3893
SF RPM	-	957
RA CFM	3200	3134
OA CFM	800	759
RL Voltage	-	484/483/480
RL Amperage	-	3.7/3.7/3.7
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	1/2"
Min OA Damper Type	-	PARALLEL BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.67"
Fan Suction SP	-	-0.83"
Fan Discharge SP	-	0.57"
Total ESP	-	1.24"
Fan Total SP	-	1.40"

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

Completed By: Wesley John

Notes:

Asset	Notes
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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU8

AREA:PRIVATE DINING ROOM III

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5604C04342
Model Num	NA	LGA036H2BS2G
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	16x24
Num Final Filter 1	-	2
Final Filter Size 1	-	16x25x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	56HZ
Horsepower	-	1.5
Motor Rpm	-	1760
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.2

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL40
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	N/A
Fan Sheave Size	-	13"
Fan Sheave Bore	-	1"
Belt CL Distance	-	15"
Num of Belts	-	1
Belt Size	-	AX54
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	1200	0
SF RPM	-	N/A
RA CFM	960	0
OA CFM	240	0
RL Voltage	-	N/A
RL Amperage	-	N/A
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	N/A
Min OA Damper Type	-	MANUAL SLIDE

Performance Data		
	Design	Actual
MA Plenum SP	-	N/A
Fan Suction SP	-	N/A
Fan Discharge SP	-	N/A
Total ESP	-	N/A
Fan Total SP	-	N/A

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

Completed By: Wesley John

Notes:

Asset	Notes
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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU9

AREA:PRIVATE DINING ROOM I & II

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5604C04525
Model Num	NA	LGA060H2BS2G
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	16x24
Num Final Filter 1	-	2
Final Filter Size 1	-	16x25x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	EMERSON
Frame	-	NL
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.5

Drive Data		
	Design	Actual
Motor Sheave Size	-	3 1/2"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	2.0 TURNS OPEN
Fan Sheave Size	-	6"
Fan Sheave Bore	-	1"
Belt CL Distance	-	15 1/4"
Num of Belts	-	1
Belt Size	-	A43
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	2000	1867
SF RPM	-	985
RA CFM	1600	1486
OA CFM	400	381
RL Voltage	-	484/485/484
RL Amperage	-	2.2/2.2/2.1
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	3/4"
Min OA Damper Type	-	MANUAL SLIDE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.39"
Fan Suction SP	-	-0.52"
Fan Discharge SP	-	0.43"
Total ESP	-	0.82"
Fan Total SP	-	0.95"

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

Completed By: Wesley John

Notes:

Asset	Notes

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Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU10

AREA:MAIN DINING

Unit Data		
	Design	Actual
MFG	EXISTING	LENNOX
Serial Num	-	5604C04343
Model Num	NA	LGA036H2BS2G
Type	-	RTU
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	16x24
Num Final Filter 1	-	2
Final Filter Size 1	-	16x25x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	EMERSON
Frame	-	NL
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.5

Drive Data		
	Design	Actual
Motor Sheave Size	-	3"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	CLOSED
Fan Sheave Size	-	12"
Fan Sheave Bore	-	1"
Belt CL Distance	-	14 1/2"
Num of Belts	-	1
Belt Size	-	
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	1200	879
SF RPM	-	452
RA CFM	960	711
OA CFM	240	168
RL Voltage	-	481/480/482
RL Amperage	-	1.5/1.4/1.5
SF Rotation	-	CCW
RA Damper Position	-	N/A
Min OA Damper Position	-	1/2"
Min OA Damper Type	-	MANUAL SLIDE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.28"
Fan Suction SP	-	-0.41"
Fan Discharge SP	-	0.37"
Total ESP	-	0.65"
Fan Total SP	-	0.78"

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

Completed By: Wesley John

Notes:

Asset	Notes
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# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF1

AREA:

Unit Data		
	Design	Actual
<b>MFG</b>	EXISTING	GREENHECK
<b>Model Num</b>	NA	CUBE-180-10-G
<b>Serial Num</b>	-	03L22423
<b>Type</b>	-	CENTRIFUGAL
<b>Configuration</b>	-	UPBLAST

Test Data		
	Design	Actual
<b>CFM</b>	-	
<b>Fan RPM</b>	-	1109
<b>Fan Rotation</b>	-	CW
<b>Motor RPM</b>	-	1748
<b>RL Voltage</b>	-	209/207/208
<b>RL Amperage</b>	-	2.5/2.6/2.6
<b>Suction ESP</b>	-	-0.84"
<b>Discharge ESP</b>	-	ATM
<b>Total ESP</b>	-	0.84

Motor Data		
	Design	Actual
<b>Motor MFG</b>	-	MARATHON
<b>Frame</b>	-	56
<b>Horsepower</b>	-	1
<b>Motor Rpm</b>	-	1725
<b>Phase</b>	-	3
<b>Voltage (rated)</b>	-	208
<b>Amperage (rated)</b>	-	3.4
<b>Service Factor</b>	-	1.15

Drive Data		
	Design	Actual
<b>Motor Sheave Size</b>	-	3 1/2"
<b>Motor Bore Size</b>	-	5/8"
<b>Motor Sheave SetPt</b>	-	1.5 TURNS OPEN
<b>Fan Sheave Size</b>	-	5 1/2"
<b>Fan Sheave Bore</b>	-	3/4"
<b>Belt CL Distance</b>	-	6"
<b>Num of Belts</b>	-	1
<b>Belt Size</b>	-	AP24

Completed By: Brianna Biggs

Notes:LOAD SIDE OF DISCONNECT SWITCH CONDUIT PULLING AWAY. GREASE CUP MISSING.

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF2

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	FANTECH
Model Num	NA	5BDU18
Serial Num	-	49805
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Test Data		
	Design	Actual
CFM	-	
Fan RPM	-	1303
Fan Rotation	-	CCW
Motor RPM	-	1763
RL Voltage	-	209/208/207
RL Amperage	-	4.1/3.8/3.9
Suction ESP	-	-0.73"
Discharge ESP	-	ATM
Total ESP	-	

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	145T
Horsepower	-	2
Motor Rpm	-	1745
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	5.9
Service Factor	-	1.15

Drive Data		
	Design	Actual
Motor Sheave Size	-	3 1/2"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	2.0 TURNS OPEN
Fan Sheave Size	-	AK46
Fan Sheave Bore	-	7/8"
Belt CL Distance	-	6 1/4"
Num of Belts	-	1
Belt Size	-	AX23

Completed By: Brianna Biggs

Notes: GREASE CUP MISSING. ONE SIDE OF HINGE KIT IS DISCONNECTED FROM FAN BODY.

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF3

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	FANTECH
Model Num	NA	5BDU24HX-A
Serial Num	-	1005499346
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Test Data		
	Design	Actual
CFM	-	
Fan RPM	-	836
Fan Rotation	-	CCW
Motor RPM	-	1747
RL Voltage	-	208/208/207
RL Amperage	-	5.3/5.6/5.5
Suction ESP	-	-0.86"
Discharge ESP	-	ATM
Total ESP	-	0.86"

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	56HZ
Horsepower	-	2
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	6.2
Service Factor	-	1.15

Drive Data		
	Design	Actual
Motor Sheave Size	-	4 3/4"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1.0 TURNS OPEN
Fan Sheave Size	-	9"
Fan Sheave Bore	-	7/8"
Belt CL Distance	-	7 3/4"
Num of Belts	-	1
Belt Size	-	A36

Completed By: Brianna Biggs

Notes: MOTOR IS LOUD AT START UP. NO HINGE KIT ON FAN. (FAN BASE IS LARGER THAN CURB)

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF4

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	FANTECH
Model Num	NA	5BDU12BB-A
Serial Num	-	1006305454
Type	-	CENTRIFUGAL
Configuration	-	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	-	NA
Motor Rpm	-	NA
Phase	-	1
Voltage (rated)	-	NA
Amperage (rated)	-	NA
Service Factor	-	NA

Drive Data		
	Design	Actual
Motor Sheave Size	-	3 1/2"
Motor Bore Size	-	1/2"
Motor Sheave SetPt	-	1.0 TURN OPEN
Fan Sheave Size	-	BK45
Fan Sheave Bore	-	5/8"
Belt CL Distance	-	4 1/2"
Num of Belts	-	1
Belt Size	-	[1]

Test Data		
	Design	Actual
CFM	-	
Fan RPM	-	839
Fan Rotation	-	CCW
Motor RPM	-	1743
RL Voltage	-	119
RL Amperage	-	2.4
Suction ESP	-	-0.57"
Discharge ESP	-	ATM
Total ESP	-	0.57"

Completed By: Brianna Biggs

Notes: MOTOR IS INACCESSIBLE. [1] BELT SIZE WORN OFF BELT.

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF5

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	EXISTING	GREENHECK
Model Num	NA	GB-091-4X-QD-R1
Serial Num	-	04A03071
Type	-	CENTRIFUGAL
Configuration	-	DOWNBLAST

Test Data		
	Design	Actual
CFM	-	
Fan RPM	-	902
Fan Rotation	-	CW
Motor RPM	-	1787
RL Voltage	-	119
RL Amperage	-	2.9
Suction ESP	-	-0.31"
Discharge ESP	-	ATM
Total ESP	-	0.31"

Motor Data		
	Design	Actual
Motor MFG	-	FASCO
Frame	-	NL
Horsepower	-	0.25
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	4.1
Service Factor	-	NL

Drive Data		
	Design	Actual
Motor Sheave Size	-	VP25
Motor Bore Size	-	1/2"
Motor Sheave SetPt	-	CLOSED
Fan Sheave Size	-	AK54
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	4 3/4"
Num of Belts	-	1
Belt Size	-	3L220R

Completed By: Brianna Biggs

Notes:

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF6

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	EXISTING
Model Num	NA	NA
Serial Num	-	-
Type	-	-
Configuration	-	-

Test Data		
	Design	Actual
CFM	-	-
Fan RPM	-	-
Fan Rotation	-	-
Motor RPM	-	-
RL Voltage	-	-
RL Amperage	-	-
Suction ESP	-	-
Discharge ESP	-	-
Total ESP	-	-

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

Completed By: Brianna Biggs

Notes:

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: FAN - Supply



Comfort. Under control.

Asset: MAU1

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	GREENHECK
Model Num	NA	KSF-115-H20-DB
Serial Num	-	C4010270
Type	-	MUA
Configuration	-	VERTICAL DISCHARGE

Test Data		
	Design	Actual
CFM	-	2158
SF RPM	-	981
Motor RPM	-	1751
RL Voltage	-	208/207/207
RL Amperage	-	8.4/8.2/8.1
Total ESP	-	0.56"
Fan Discharge SP	-	0.56"

Motor Data		
	Design	Actual
Motor MFG	-	RELIANCE
Frame	-	182T
Horsepower	-	3
Motor Rpm	-	1745
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	9.3
Service Factor	-	1.15

General		
	Design	Actual
Fan Rotation Correct	-	YES

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	1 1/8"
Fan Sheave Size	-	3.0 TURNS OPEN
Fan Sheave Bore	-	7"
Belt CL Distance	-	1"
Num of Belts	-	2
Belt Size	-	AX51
Belt Alignment Verified	-	18 3/4"

Gas Heat		
	Design	Actual

Completed By: Wesley John

Notes:

Asset	Notes
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# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: FAN - Supply



Comfort. Under control.

Asset: MAU2

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	KSF-110-H10-DB
Serial Num	-	04C10269
Type	-	MUA
Configuration	-	VERTICAL DISCHARGE

Test Data		
	Design	Actual
CFM	-	912
SF RPM	-	1113
Motor RPM	-	1734
RL Voltage	-	208/206/207
RL Amperage	-	2.6/2.7/2.8
Total ESP	-	0.52"
Fan Discharge SP	-	0.52"

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56H-70
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	4.8
Service Factor	-	1.15

General		
	Design	Actual
Fan Rotation Correct	-	YES

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VM50
Motor Bore Size	-	5/8"
Fan Sheave Size	-	6"
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	14"
Num of Belts	-	1
Belt Size	-	A42
Belt Alignment Verified	-	CORRECT

Gas Heat		
	Design	Actual

Completed By: Wesley John

Notes:

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD1

AREA:

Unit Data		
	Design	Actual
<b>MFG</b>	EXISTING	NL
<b>Model Num</b>	NA	NL
<b>Job / Serial Num</b>	-	NL
<b>Type</b>	-	TYPE II CANOPY
<b>Hood length</b>	-	48
<b>Hood Width</b>	-	45

Test Data Supply		
	Design	Actual

Performance Data		
	Design	Actual

General		
	Design	Actual

Test Data Exhaust		
	Design	Actual
<b>Filter Type</b>	-	BAFFLE
<b>Filter Size 1</b>	-	24x20
<b>Filter Qty 1</b>	-	2

Cooking Equipment		
	Design	Actual
<b>Item 1</b>	-	OVEN

Completed By: Wesley John

Notes:

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD2

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	GREENHECK
Model Num	NA	GXEW-13.25-S
Job / Serial Num	-	04C01985
Type	-	TYPE I CANOPY
Hood length	-	160
Hood Width	-	48
Supply Plenum Type	-	BACK RETURN

Test Data Exhaust		
	Design	Actual
Filter Type	-	GREASE GRABBER
Filter Size 1	-	20x20
Filter Qty 1	-	8
Filter AK factor size 1	-	3.00
Filter Total AK Area	-	24.0
Filter1 FPM	-	110
Filter2 FPM	-	108
Filter3 FPM	-	128
Filter4 FPM	-	123
Filter5 FPM	-	119
Filter6 FPM	-	120
Filter7 FPM	-	116
Filter8 FPM	-	114
Filter Ave FPM(corr)	-	117
CFM	3000	2805

Cooking Equipment		
	Design	Actual
Item 1	-	CHARGRILL
Item 2	-	BROILERS

Completed By: Wesley John

Notes:

Asset	Notes

Test Data Supply		
	Design	Actual

Performance Data		
	Design	Actual
Smoke Generation Type	-	OBSERVED COOKING
Cooking Equip Heat On	-	YES
Hood Capture %	-	100
End Panels Installed (Y/N)	-	NO

General		
	Design	Actual
Third Party Witness	-	KITCHEN STAFF
Third Party Company	-	PERRYS
Tech Witness	-	WESLEY JOHN

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD3

AREA:

Unit Data		
	Design	Actual
MFG	EXISTING	GREENHECK
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	125
Hood Width	-	48
Supply Plenum Type	-	BACK RETURN

Test Data Supply		
	Design	Actual

Performance Data		
	Design	Actual
Smoke Generation Type	-	OBSERVED COOKING
Cooking Equip Heat On	-	YES
Hood Capture %	-	100
End Panels Installed (Y/N)	-	NO

Test Data Exhaust		
	Design	Actual
Filter Type	-	GREASE GRABBER
Filter Size 1	-	16x20
Filter Size 2	-	20x20
Filter Qty 1	-	4
Filter Qty 2	-	3
Filter AK factor size 1	-	2.25
Filters AK factor size 2	-	3.00
Filter Total AK Area	-	18.00
Filter1 FPM	-	107
Filter2 FPM	-	113
Filter3 FPM	-	109
Filter4 FPM	-	121
Filter5 FPM	-	118
Filter6 FPM	-	116
Filter7 FPM	-	115
Filter Ave FPM(corr)	-	114
CFM	2345	2059

General		
	Design	Actual
Third Party Witness	-	KITCHEN STAFF
Third Party Company	-	PERRYS
Tech Witness	-	WESLEY JOHN

Cooking Equipment		
	Design	Actual
Item 1	-	RANGEx2
Item 2	-	SALAMANDER
Item 3	-	FLOOR BURNERSx2

Completed By: Wesley John

Notes:

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD4

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GXEW-14.25-S
Job / Serial Num	-	04C04720
Type	-	TYPE I CANOPY
Hood length	-	171
Hood Width	-	48
Supply Plenum Type	-	BACK RETURN

Test Data Supply		
	Design	Actual

Performance Data		
	Design	Actual
Smoke Generation Type	-	OBSERVED SMOKING
Cooking Equip Heat On	-	YES
Hood Capture %	-	100
End Panels Installed (Y/N)	-	NO

Test Data Exhaust		
	Design	Actual
Filter Type	-	GREASE GRABBER
Filter Size 1	-	16x20
Filter Size 2	-	20x20
Filter Qty 1	-	7
Filter Qty 2	-	3
Filter AK factor size 1	-	2.25
Filters AK factor size 2	-	3.00
Filter Total AK Area	-	24.75
Filter1 FPM	-	124
Filter2 FPM	-	127
Filter3 FPM	-	125
Filter4 FPM	-	137
Filter5 FPM	-	133
Filter6 FPM	-	129
Filter7 FPM	-	120
Filter8 FPM	-	121
Filter9 FPM	-	118
Filter10 FPM	-	115
Filter Ave FPM(corr)	-	125
CFM	3200	3094

General		
	Design	Actual
Third Party Witness	-	KITCHEN STAFF
Third Party Company	-	PERRYS
Tech Witness	-	WESLEY JOHN

Cooking Equipment		
	Design	Actual
Item 1	-	DOUBLE OVENx2
Item 2	-	FRYERS

Completed By: Wesley John

Notes:

Asset	Notes

# National TAB

Project: 07-25 PERRY'S STEAKHOUSE - SUGARLAND, TX (REVIVE)

## System/Unit: Kitchen Hood Type II



Comfort. Under control.

Asset: HD5

AREA:

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	NL
Serial Num	-	NL
Type	-	TYPE II CANOPY
Hood length	-	102
Hood Width	-	36

Test Data		
	Design	Actual
Exhaust CFM	1275	1060

Completed By: Wesley John

Notes:

Asset	Notes
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