

Asset: RTU1

AREA: PRIVATE DINING

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Model Num	BELT	48TCEA04A2A5 A0A0A0
Serial Num	-	4915C78071
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	28.25X14.25
Num PreFilter 1	-	2
PreFilter Size 1	-	16X25X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON ELECTRIC
Frame	-	56Y
Horsepower	-	1.5
Motor Rpm	-	1430
Phase	-	3
Rated Voltage	-	230/400
Rated Amperage	-	6.3/3.0
Service Factor	-	1.15

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.125"
Motor Bore Size	-	1.125"
Motor Sheave SetPt	-	4 TURNS OUT
Fan Sheave Size	-	AFD44
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	14.625"
Num of Belts	-	1
Belt Size	-	AX38

Test Data		
	Design	Actual
SF CFM	1200	1593
SF RPM	-	953
RA CFM	-	1291
OA CFM	300	302
RL Voltage	-	212/213/212
RL Amperage	-	1.7/1.4/1.6
OA Damper Position	-	0.5
Brake Horse Power	-	0.36

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.49"
Fan Suction SP	-	-0.40"
Fan Discharge SP	-	0.21"
Total ESP	-	0.70"
Fan Total SP	-	0.61"

Notes:

Asset: RTU2

AREA: BAR

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Model Num	BELT	48TCEE08A2A5 A0A0A0
Serial Num	-	2316P97068
Configuration	-	HORIZONTAL
Num OA Filters 1	-	1
OA Filter Size 1	-	29.25X20.5
Num PreFilter 1	-	4
PreFilter Size 1	-	16X20X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON ELECTRIC
Frame	-	56HZ
Horsepower	-	NOT LISTED
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	208-230/460
Rated Amperage	-	8.4-8.3/4.2
Service Factor	-	1.15

Drive Data		
	Design	Actual
Motor Sheave Size	-	5"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	4.82"
Fan Sheave Size	-	AFD84
Fan Sheave Bore	-	1"
Belt CL Distance	-	17.25"
Num of Belts	-	1
Belt Size	-	AX52

Test Data		
	Design	Actual
SF CFM	3060	3062
SF RPM	-	946
RA CFM	-	2467
OA CFM	900	595
RL Voltage	-	208/208/209
RL Amperage	-	5.4/5.7/6.0
OA Damper Position	-	1.5"
Brake Horse Power	-	UTO

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.49"
Fan Suction SP	-	-1.03"
Fan Discharge SP	-	0.60"
Total ESP	-	1.09"
Fan Total SP	-	1.63"

Notes:

Asset: RTU3

AREA: DINING

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Model Num	BELT	48TCEE12A2A5 A0A0A0
Serial Num	-	2316P97095
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	21X36
Num PreFilter 1	-	4
PreFilter Size 1	-	20X20X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56HZ
Horsepower	-	NL
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	10.6/5.3
Rated Amperage	-	230/460
Service Factor	-	1.15

Drive Data		
	Design	Actual
Motor Sheave Size	-	5"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	4.20"
Fan Sheave Size	-	AFD74
Fan Sheave Bore	-	1"
Belt CL Distance	-	16.5"
Num of Belts	-	1"
Belt Size	-	AX49

Test Data		
	Design	Actual
SF CFM	4200	4181
SF RPM	-	1054
RA CFM	-	3110
OA CFM	1250	1071
RL Voltage	-	211/210/211
RL Amperage	-	8.3/7.8/7.9
OA Damper Position	-	2"
Brake Horse Power	-	UTO

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.59"
Fan Suction SP	-	-0.97"
Fan Discharge SP	-	0.63"
Total ESP	-	1.22"
Fan Total SP	-	1.60"

Notes:

Asset: RTU4

AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Model Num	BELT	48TCFE16A2M5 A6F4J0
Serial Num	-	1721P14008
Configuration	-	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	23.5X26.5
Num PreFilter 1	-	6
PreFilter Size 1	-	18X24X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON ELECTRIC
Frame	-	56HZ
Horsepower	-	NL
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	230/460
Rated Amperage	-	9.2/4.6
Service Factor	-	NL

Drive Data		
	Design	Actual
Motor Sheave Size	-	3.75"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	4.5 TURNS OPEN
Fan Sheave Size	-	BK80
Fan Sheave Bore	-	1.1875"
Belt CL Distance	-	20.75"
Num of Belts	-	1
Belt Size	-	BX56

Test Data		
	Design	Actual
SF CFM	5000	5553
SF RPM	-	709
RA CFM	-	4126
OA CFM	1500	1427
RL Voltage	-	211/212/212
RL Amperage	-	8.8/8.5/7.8
OA Damper Position	-	6.75 DCV
Brake Horse Power	-	UTO

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.68"
Fan Suction SP	-	-0.87"
Fan Discharge SP	-	0.57"
Total ESP	-	1.25"
Fan Total SP	-	1.44"

Notes:

Asset: RTU5

AREA: DINING

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Model Num	BELT	48TCEA07A2A5 A0A0A0
Serial Num	-	2116C77943
Configuration	-	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	28.25X14
Num PreFilter 1	-	4
PreFilter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON ELECTRIC
Frame	-	56HZ
Horsepower	-	NL
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	208-230/460
Rated Amperage	-	9.4-9.2/4.2
Service Factor	-	1.15

Drive Data		
	Design	Actual
Motor Sheave Size	-	4.75"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	0 TURNS OPEN
Fan Sheave Size	-	AK54
Fan Sheave Bore	-	5/8"
Belt CL Distance	-	14"
Num of Belts	-	1
Belt Size	-	AX41

Test Data		
	Design	Actual
SF CFM	2175	2352
SF RPM	-	1545
RA CFM	-	1915
OA CFM	480	501
RL Voltage	-	210/210/210
RL Amperage	-	6.6/7.2/7.3
OA Damper Position	-	1.25"
Brake Horse Power	-	UTO

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.71"
Fan Suction SP	-	-1.10"
Fan Discharge SP	-	0.17"
Total ESP	-	0.88"
Fan Total SP	-	1.27"

Notes:

Asset: RTU6

AREA: KITCHEN

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Model Num	BELT	48TCFE16A2M5 A6F4J0
Serial Num	-	1721P14009
Configuration	-	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	24X27
Num PreFilter 1	-	6
PreFilter Size 1	-	18X24X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON ELECTRIC
Frame	-	56HZ
Horsepower	-	NL
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	230/460
Rated Amperage	-	9.2/4.6
Service Factor	-	NL

Drive Data		
	Design	Actual
Motor Sheave Size	-	4
Motor Bore Size	-	7/8
Motor Sheave SetPt	-	4.5
Fan Sheave Size	-	BK80
Fan Sheave Bore	-	1.1875
Belt CL Distance	-	20.75
Num of Belts	-	1
Belt Size	-	BX56

Test Data		
	Design	Actual
SF CFM	5000	4703
SF RPM	-	726
RA CFM	-	3260
OA CFM	1500	1443
RL Voltage	-	210/211/211
RL Amperage	-	8.9/8.2/8.8
OA Damper Position	-	5.00 DCV
Brake Horse Power	-	UTO

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.76"
Fan Suction SP	-	-0.99"
Fan Discharge SP	-	0.53"
Total ESP	-	1.29"
Fan Total SP	-	1.52"

Notes:

Asset: MUA1

AREA: HOOD 1 & 2

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	MUA	A1-D.250.18Z
Serial Num	-	4633218
Type	-	MAU
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	2400	2702
SF RPM	-	DD
SF System SetPt	-	30%
RL Voltage	-	UTO
RL Amperage	-	UTO

Motor Data		
	Design	Actual
Motor MFG	-	(1)
Frame	-	(1)
Horsepower	-	5.0
Motor Rpm	-	(1)
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	9.6
Service Factor	-	(1)

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

Notes:

Asset: MUA2

AREA: HOOD 3 & 4

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	MUA	A1-D.250.18Z
Serial Num	-	4633218
Type	-	MAU
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	2730	2710
SF RPM	-	DD
SF System SetPt	-	40%
RL Voltage	-	UTO
RL Amperage	-	UTO

Motor Data		
	Design	Actual
Motor MFG	-	(1)
Frame	-	(1)
Horsepower	-	5.0
Motor Rpm	-	(1)
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	9.6
Service Factor	-	(1)

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

Notes:

Asset: MUA3

AREA: HOOD 5

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	MUA	A1-D.250-15D
Serial Num	-	4633218
Type	-	MUA
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	1774	1894
SF RPM	-	DD
SF System SetPt	-	55.6 HZ
RL Voltage	-	209/209/209
RL Amperage	-	3.0 VFD

Motor Data		
	Design	Actual
Motor MFG	-	(1)
Frame	-	(1)
Horsepower	-	1.5
Motor Rpm	-	(1)
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	4.4
Service Factor	-	(1)

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

Notes:

Asset: MUA4

AREA: HOOD 6 & 7

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	MUA	A2-D.500-20D
Serial Num	-	4633218
Type	-	MUA
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	5175	3304
SF RPM	-	DD
SF System SetPt	-	75.0 HZ
RL Voltage	-	209/209/209
RL Amperage	-	14.0 VFD

Motor Data		
	Design	Actual
Motor MFG	-	(1)
Frame	-	(1)
Horsepower	-	5.0
Motor Rpm	-	(1)
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	15.0
Service Factor	-	(1)

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

Notes:

National TAB

Project: JACK STACK - LENEXA, KS

System/Unit: FAN - Supply

Asset: MUA5

AREA: HOOD 8 & 9

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	MUA	D76
Serial Num	-	4633218
Type	-	MUA
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	1230	1369
SF RPM	-	1536
SF System SetPt	-	NA
RL Voltage	-	208/209/209
RL Amperage	-	3.5/3.5/3.5

Motor Data		
	Design	Actual
Motor MFG	-	[1]
Frame	-	[1]
Horsepower	-	1/2
Motor Rpm	-	[1]
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	4.6
Service Factor	-	[1]

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP50
Motor Bore Size	-	5/8
Motor Sheave SetPt	-	
Fan Sheave Size	-	AK39
Fan Sheave Bore	-	3/4
Belt CL Distance	-	10.5
Num of Belts	-	1
Belt Size	-	AX31

Notes:



National TAB

Project: JACK STACK - LENEXA, KS

System/Unit: FAN - Exhaust

Asset: F7

AREA: RESTROOM

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	G-103-A-X
Serial Num	-	14878674
Type	-	DOWNBLAST

Test Data		
	Design	Actual
CFM	600	1062
System SetPt	-	(1)
RL Voltage	-	118
RL Amperage	-	3.4
Total ESP	-	0.34"

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	48Y
Horsepower	-	1/4
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3.6
Service Factor	-	1.0

Notes:



National TAB

Project: JACK STACK - LENEXA, KS

System/Unit: FAN - Exhaust

Asset: KEF1

AREA: HOOD 1

Unit Data		
	Design	Actual
MFG	NA	CAPTIVIVE AIRE
Model Num	NA	DU85HFA
Serial Num	-	4633218
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	1500	1739
System SetPt	-	62%
RL Voltage	-	209
RL Amperage	-	4.8
Total ESP	-	(2)

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	-	1.0
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	6.9
Service Factor	-	NL

Notes:

Asset: KEF2

AREA: HOOD 2

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	DU85HFA
Serial Num	-	4633218
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	1500	1622
System SetPt	-	62%
RL Voltage	-	209
RL Amperage	-	4.5
Total ESP	-	(2)

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	-	1
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	6.9
Service Factor	-	NL

Notes: |

System/Unit: FAN - Exhaust

Asset: KEF3

AREA: HOOD 3

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	DU85HFA
Serial Num	-	4633218
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	1500	1614
System SetPt	-	73%
RL Voltage	-	209
RL Amperage	-	4.4
Total ESP	-	(2)

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	-	1.0
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	6.9
Service Factor	-	NL

Notes:

System/Unit: FAN - Exhaust

Asset: KEF4

AREA: HOOD 4

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	DU85HFA
Serial Num	-	4633218
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	1912	1822
System SetPt	-	62%
RL Voltage	-	208
RL Amperage	-	4.9
Total ESP	-	1.14"

Motor Data		
	Design	Actual
Motor MFG	-	TELCOGREEN
Frame	-	NL
Horsepower	-	1
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	208-277
Amperage (rated)	-	6.9
Service Factor	-	NL

Notes:

Asset: KEF5

AREA: HOOD 5

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	DU180HFA
Serial Num	-	4633218
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	2383	2229
System SetPt	-	63.7 HZ
RL Voltage	-	209/209/209
RL Amperage	-	4.6/4.8/5.2
Total ESP	-	1.17"

Motor Data		
	Design	Actual
Motor MFG	-	NEMA
Frame	-	184T
Horsepower	-	2
Motor Rpm	-	1165
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	7.51/3.76
Service Factor	-	1.0

Notes:

National TAB

Project: JACK STACK - LENEXA, KS

System/Unit: FAN - Exhaust

Asset: KEF6

AREA: HOOD 6

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	CASRE18DD
Serial Num	-	4633218
Type	-	UTILITY SET

Test Data		
	Design	Actual
CFM	3150	1903
System SetPt	-	57.2 HZ
RL Voltage	-	209/209/209
RL Amperage	-	9.0 VFD
Total ESP	-	UTO

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	56HZ
Horsepower	-	3
Motor Rpm	-	1735
Phase	-	3
Voltage (rated)	-	208-230/460
Amperage (rated)	-	8.7-7.94/3.97
Service Factor	-	1.15

Notes:

System/Unit: FAN - Exhaust

Asset: KEF7

AREA: HOOD 7

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	DU180HFA
Serial Num	-	4633218
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	2938	2752
System SetPt	-	47.4 HZ
RL Voltage	-	230/230/230
RL Amperage	-	7.3 VFD
Total ESP	-	1.19"

Motor Data		
	Design	Actual
Motor MFG	-	NEMA
Frame	-	182T
Horsepower	-	3
Motor Rpm	-	1755
Phase	-	3
Voltage (rated)	-	230/460
Amperage (rated)	-	8.80/4.30
Service Factor	-	1.15

System/Unit: FAN - Exhaust

Asset: KEF8

AREA: HOOD 8

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	DU50HFA
Serial Num	-	4633218
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	788	724
System SetPt	-	80%
RL Voltage	-	208
RL Amperage	-	2.8
Total ESP	-	1.31"

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	-	1/2
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	3.8
Service Factor	-	NL

Asset: KEF9

AREA: HOOD 9

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	DU50HFA
Serial Num	-	4633218
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	700	632
System SetPt	-	78%
RL Voltage	-	208
RL Amperage	-	3.2
Total ESP	-	1.03

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	-	1/2
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	3.8
Service Factor	-	NL

Asset: KEF10

AREA: HOOD 10

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	DU50HFA
Serial Num	-	4633218
Type	-	UPBLAST

Test Data		
	Design	Actual
CFM	1325	1197
System SetPt	-	100%
RL Voltage	-	115
RL Amperage	-	5.2
Total ESP	-	(1)

Motor Data		
	Design	Actual
Motor MFG	-	TELCOGREEN
Frame	-	NL
Horsepower	-	1/2
Motor Rpm	-	1800
Phase	-	1
Voltage (rated)	-	115VAC
Amperage (rated)	-	6.3
Service Factor	-	NL

System/Unit: Kitchen Hood Type I

Asset: HD1

AREA: ITEM 19

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	3624 ND-2 PSP-F
Job / Serial Num	-	4633218
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	80	80
Hood Width	36	36
Supply Plenum Type	PSP	PSP
Supply Plenum Width	16	16
Supply Plenum Length	80	80

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	-	20X16
Filter Qty 1	-	4
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	8.32	8.32
Filter1 FPM	-	156
Filter2 FPM	-	191
Filter3 FPM	-	217
Filter4 FPM	-	184
Filter5 FPM	-	NA
Filter6 FPM	-	NA
Filter7 FPM	-	NA
Filter8 FPM	-	NA
Filter9 FPM	-	NA
Filter Ave FPM(corr)	-	187
CFM	1500	1556

Cooking Equipment		
	Design	Actual
Item 1	-	SMOKER
Item 2	-	NA
Item 3	-	NA
Item 4	-	NA
Item 5	-	NA

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	8.89	8.89
Kv factor (Vel)	0.92	0.92
Num of Readings	-	6
Reading1 FPM	-	184
Reading2 FPM	-	152
Reading3 FPM	-	158
Reading4 FPM	-	140
Reading5 FPM	-	112
Reading6 FPM	-	174
Reading7 FPM	-	NA
Reading8 FPM	-	NA
Reading9 FPM	-	NA
Reading10 FPM	-	NA
Reading11 FPM	-	NA
Reading12 FPM	-	NA
Reading13 FPM	-	NA
Reading14 FPM	-	NA
Ave FPM(corr)	-	141
CFM	1200	1253

Performance Data		
	Design	Actual
Exh-Supply Net CFM	300	303
Smoke Generation Type	-	NA
Cooking Equip Heat On	-	YES
Hood Capture %	-	NA

General		
	Design	Actual
Third Party Witness	-	NA
Third Party Company	-	NA
Tech Witness	-	NA
Tech Company	-	NA

System/Unit: Kitchen Hood Type I

Asset: HD2

AREA: ITEM 20

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	3624 ND-2 PSP-F
Job / Serial Num	-	4633218
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	80	80
Hood Width	36	36
Supply Plenum Type	PSP	PSP
Supply Plenum Width	16	16
Supply Plenum Length	80	80

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	-	20X16
Filter Qty 1	-	4
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	8.32	8.32
Filter1 FPM	-	175
Filter2 FPM	-	189
Filter3 FPM	-	207
Filter4 FPM	-	185
Filter5 FPM	-	NA
Filter6 FPM	-	NA
Filter7 FPM	-	NA
Filter8 FPM	-	NA
Filter9 FPM	-	NA
Filter Ave FPM(corr)	-	189
CFM	1500	1572

Cooking Equipment		
	Design	Actual
Item 1	-	SMOKER
Item 2	-	NA
Item 3	-	NA
Item 4	-	NA
Item 5	-	NA

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	8.89	8.89
Kv factor (Vel)	0.92	0.92
Num of Readings	-	6
Reading1 FPM	-	160
Reading2 FPM	-	194
Reading3 FPM	-	179
Reading4 FPM	-	195
Reading5 FPM	-	148
Reading6 FPM	-	185
Reading7 FPM	-	NA
Reading8 FPM	-	NA
Reading9 FPM	-	NA
Reading10 FPM	-	NA
Reading11 FPM	-	NA
Reading12 FPM	-	NA
Reading13 FPM	-	NA
Reading14 FPM	-	NA
Ave FPM(corr)	-	163
CFM	1200	1449

Performance Data		
	Design	Actual
Exh-Supply Net CFM	300	123
Smoke Generation Type	-	NA
Cooking Equip Heat On	-	YES
Hood Capture %	-	NA

General		
	Design	Actual
Third Party Witness	-	NA
Third Party Company	-	NA
Tech Witness	-	NA
Tech Company	-	NA

System/Unit: Kitchen Hood Type I

Asset: HD3

AREA: ITEM 21

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	3624 ND-2 PSP-F
Job / Serial Num	-	4633218
Type	TYPE I CANOPY	TYPE 1 CANOPY
Hood length	80	80
Hood Width	36	36
Supply Plenum Type	PSP	PSP
Supply Plenum Width	16	16
Supply Plenum Length	80	80

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	-	20X16
Filter Qty 1	-	4
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	8.32	8.32
Filter1 FPM	-	213
Filter2 FPM	-	188
Filter3 FPM	-	171
Filter4 FPM	-	213
Filter5 FPM	-	201
Filter6 FPM	-	207
Filter7 FPM	-	NA
Filter8 FPM	-	NA
Filter9 FPM	-	NA
Filter Ave FPM(corr)	-	198
CFM	1500	1647

Cooking Equipment		
	Design	Actual
Item 1	-	SMOKER
Item 2	-	NA
Item 3	-	NA
Item 4	-	NA
Item 5	-	NA

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	8.89	8.89
Kv factor (Vel)	0.92	0.92
Num of Readings	-	6
Reading1 FPM	-	206
Reading2 FPM	-	168
Reading3 FPM	-	162
Reading4 FPM	-	203
Reading5 FPM	-	188
Reading6 FPM	-	218
Reading7 FPM	-	NA
Reading8 FPM	-	NA
Reading9 FPM	-	NA
Reading10 FPM	-	NA
Reading11 FPM	-	NA
Reading12 FPM	-	NA
Reading13 FPM	-	NA
Reading14 FPM	-	NA
Ave FPM(corr)	-	176
CFM	1200	1565

Performance Data		
	Design	Actual
Exh-Supply Net CFM	300	82
Smoke Generation Type	-	NA
Cooking Equip Heat On	-	YES
Hood Capture %	-	NA

General		
	Design	Actual
Third Party Witness	-	NA
Third Party Company	-	NA
Tech Witness	-	NA
Tech Company	-	NA

System/Unit: Kitchen Hood Type I

Asset: HD4

AREA: ITEM 22

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	6024 ND-2 PSP-F
Job / Serial Num	-	4633218
Type	TYPE I CANOPY	TYPE 1 CANOPY
Hood length	78	78
Hood Width	60	60
Supply Plenum Type	PSP	PSP
Supply Plenum Width	14	14
Supply Plenum Length	115	115

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	-	20X16
Filter Qty 1	-	6
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	12.48	12.48
Filter1 FPM	-	147
Filter2 FPM	-	159
Filter3 FPM	-	123
Filter4 FPM	-	167
Filter5 FPM	-	139
Filter6 FPM	-	148
Filter7 FPM	-	NA
Filter8 FPM	-	NA
Filter9 FPM	-	NA
Filter Ave FPM(corr)	-	147
CFM	1912	1835

Cooking Equipment		
	Design	Actual
Item 1	-	SMOKER
Item 2	-	NA
Item 3	-	NA
Item 4	-	NA
Item 5	-	NA

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	11.18	11.18
Kv factor (Vel)	0.89	0.89
Num of Readings	-	8
Reading1 FPM	-	210
Reading2 FPM	-	172
Reading3 FPM	-	149
Reading4 FPM	-	190
Reading5 FPM	-	139
Reading6 FPM	-	158
Reading7 FPM	-	133
Reading8 FPM	-	168
Reading9 FPM	-	NA
Reading10 FPM	-	NA
Reading11 FPM	-	NA
Reading12 FPM	-	NA
Reading13 FPM	-	NA
Reading14 FPM	-	NA
Ave FPM(corr)	-	147
CFM	1530	1643

Performance Data		
	Design	Actual
Exh-Supply Net CFM	382	192
Smoke Generation Type	-	NA
Cooking Equip Heat On	-	YES
Hood Capture %	-	NA

General		
	Design	Actual
Third Party Witness	-	NA
Third Party Company	-	NA
Tech Witness	-	NA
Tech Company	-	NA

System/Unit: Kitchen Hood Type I

Asset: HD5

AREA: ITEM 69

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	6024 ND-2 PSP-F
Job / Serial Num	-	4633218
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	133	133
Hood Width	60	60
Supply Plenum Type	PSP	PAP
Supply Plenum Width	14	14
Supply Plenum Length	145	145

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	-	16X16
Filter Qty 1	-	8
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	12.96	12.96
Filter1 FPM	-	181
Filter2 FPM	-	157
Filter3 FPM	-	174
Filter4 FPM	-	217
Filter5 FPM	-	200
Filter6 FPM	-	173
Filter7 FPM	-	165
Filter8 FPM	-	158
Filter9 FPM	-	NA
Filter Ave FPM(corr)	-	178
CFM	2217	2307

Cooking Equipment		
	Design	Actual
Item 1	-	OVEN
Item 2	-	STOVE
Item 3	-	OVEN
Item 4	-	NA
Item 5	-	NA

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	14.09	14.09
Kv factor (Vel)	0.89	0.89
Num of Readings	-	12
Reading1 FPM	-	163
Reading2 FPM	-	125
Reading3 FPM	-	153
Reading4 FPM	-	180
Reading5 FPM	-	166
Reading6 FPM	-	113
Reading7 FPM	-	109
Reading8 FPM	-	174
Reading9 FPM	-	171
Reading10 FPM	-	139
Reading11 FPM	-	153
Reading12 FPM	-	167
Reading13 FPM	-	-
Reading14 FPM	-	-
Ave FPM(corr)	-	151
CFM	1774	1894

Performance Data		
	Design	Actual
Exh-Supply Net CFM	443	-413
Smoke Generation Type	-	45 SEC SMOKE CANDLE
Cooking Equip Heat On	-	YES
Hood Capture %	-	100

General		
	Design	Actual
Third Party Witness	-	GREG O'DAY
Third Party Company	-	NATIONAL TAB
Tech Witness	-	CLINT
Tech Company	-	CAPTIVE AIRE

System/Unit: Kitchen Hood Type I

Asset: HD6

AREA: ITEM 90

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	6024 ND-2 PSP-F
Job / Serial Num	-	4633218
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	84	84
Hood Width	60	60
Supply Plenum Type	PSP	PSP
Supply Plenum Width	20	20
Supply Plenum Length	84	84

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	-	20X16
Filter Qty 1	-	5
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	10.40	10.40
Filter1 FPM	-	174
Filter2 FPM	-	183
Filter3 FPM	-	202
Filter4 FPM	-	237
Filter5 FPM	-	233
Filter6 FPM	-	NA
Filter7 FPM	-	NA
Filter8 FPM	-	NA
Filter9 FPM	-	NA
Filter Ave FPM(corr)	-	206
CFM	3150	2142

Cooking Equipment		
	Design	Actual
Item 1	-	GRILL
Item 2	-	NA
Item 3	-	NA
Item 4	-	NA
Item 5	-	NA

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	11.67	11.67
Kv factor (Vel)	0.89	0.89
Num of Readings	-	6
Reading1 FPM	-	106
Reading2 FPM	-	57
Reading3 FPM	-	83
Reading4 FPM	-	80
Reading5 FPM	-	67
Reading6 FPM	-	88
Reading7 FPM	-	NA
Reading8 FPM	-	NA
Reading9 FPM	-	NA
Reading10 FPM	-	NA
Reading11 FPM	-	NA
Reading12 FPM	-	NA
Reading13 FPM	-	NA
Reading14 FPM	-	NA
Ave FPM(corr)	-	80
CFM	2575	831

Performance Data		
	Design	Actual
Exh-Supply Net CFM	575	1145
Smoke Generation Type	-	45 SEC SMOKE CANDLE
Cooking Equip Heat On	-	YES
Hood Capture %	-	100

General		
	Design	Actual
Third Party Witness	-	CLINT
Third Party Company	-	CAPTIVE AIRE
Tech Witness	-	GREG O'DAY
Tech Company	-	NATIONAL TAB



National TAB

Project: JACK STACK - LENEXA, KS

System/Unit: Kitchen Hood Type I

System/Unit: Kitchen Hood Type I

Asset: HD7

AREA: ITEM 69

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	6024 ND-2 PSP-F
Job / Serial Num	-	4633218
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	150	150
Hood Width	60	60
Supply Plenum Type	PSP	PSP
Supply Plenum Width	18	18
Supply Plenum Length	150	150

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	-	20X16
Filter Qty 1	-	9
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	18.72	18.72
Filter1 FPM	-	133
Filter2 FPM	-	124
Filter3 FPM	-	140
Filter4 FPM	-	150
Filter5 FPM	-	144
Filter6 FPM	-	136
Filter7 FPM	-	183
Filter8 FPM	-	158
Filter9 FPM	-	118
Filter Ave FPM(corr)	-	142
CFM	2938	2658

Cooking Equipment		
	Design	Actual
Item 1	-	OVEN
Item 2	-	OVEN
Item 3	-	FRYER
Item 4	-	NA
Item 5	-	NA

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	18.75	18.75
Kv factor (Vel)	0.88	0.88
Num of Readings	-	12
Reading1 FPM	-	137
Reading2 FPM	-	130
Reading3 FPM	-	163
Reading4 FPM	-	162
Reading5 FPM	-	133
Reading6 FPM	-	139
Reading7 FPM	-	177
Reading8 FPM	-	139
Reading9 FPM	-	154
Reading10 FPM	-	170
Reading11 FPM	-	164
Reading12 FPM	-	136
Reading13 FPM	-	NA
Reading14 FPM	-	NA
Ave FPM(corr)	-	150
CFM	2600	2475

Performance Data		
	Design	Actual
Exh-Supply Net CFM	338	164
Smoke Generation Type	-	45 SEC SMOKE CANDLE
Cooking Equip Heat On	-	YES
Hood Capture %	-	100

General		
	Design	Actual
Third Party Witness	-	CLINT
Third Party Company	-	CAPTIVE AIRE
Tech Witness	-	GREG ODAY
Tech Company	-	NATIONAL TAB

System/Unit: Kitchen Hood Type I

Asset: HD8

AREA: ITEM 140

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	5424 ND-2-PSP-F
Job / Serial Num	-	4633218
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	54	54
Hood Width	54	54
Supply Plenum Type	PSP	PSP
Supply Plenum Width	14	14
Supply Plenum Length	54	54

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	SOLO
Filter Size 1	-	16X16
Filter Qty 1	-	3
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	4.86	4.86
Filter1 FPM	-	124
Filter2 FPM	-	139
Filter3 FPM	-	154
Filter4 FPM	-	NA
Filter5 FPM	-	NA
Filter6 FPM	-	NA
Filter7 FPM	-	NA
Filter8 FPM	-	NA
Filter9 FPM	-	NA
Filter Ave FPM(corr)	-	139
CFM	788	676

Cooking Equipment		
	Design	Actual
Item 1	-	OVEN
Item 2	-	NA
Item 3	-	NA
Item 4	-	NA
Item 5	-	NA

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	5.25	5.26
Kv factor (Vel)	0.89	0.89
Num of Readings	-	4
Reading1 FPM	-	106
Reading2 FPM	-	107
Reading3 FPM	-	97
Reading4 FPM	-	104
Reading5 FPM	-	NA
Reading6 FPM	-	NA
Reading7 FPM	-	NA
Reading8 FPM	-	NA
Reading9 FPM	-	NA
Reading10 FPM	-	NA
Reading11 FPM	-	NA
Reading12 FPM	-	NA
Reading13 FPM	-	NA
Reading14 FPM	-	NA
Ave FPM(corr)	-	104
CFM	630	487

Performance Data		
	Design	Actual
Exh-Supply Net CFM	158	-114
Smoke Generation Type	-	45 SEC SMOKE CANDLE
Cooking Equip Heat On	-	YES
Hood Capture %	-	100%

General		
	Design	Actual
Third Party Witness	-	NA
Third Party Company	-	NA
Tech Witness	-	ANDREW DECERRA
Tech Company	-	NATIONAL TAB

System/Unit: Kitchen Hood Type I

Asset: HD9

AREA: ITEM 143

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	NA	5424 ND-2-PSP-F
Job / Serial Num	-	4633218
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	48	48
Hood Width	54	54
Supply Plenum Type	PSP	PSP
Supply Plenum Width	12	12
Supply Plenum Length	60	60

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	-	16X20
Filter Qty 1	-	2
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	4.16	4.16
Filter1 FPM	-	159
Filter2 FPM	-	171
Filter3 FPM	-	NA
Filter4 FPM	-	NA
Filter5 FPM	-	NA
Filter6 FPM	-	NA
Filter7 FPM	-	NA
Filter8 FPM	-	NA
Filter9 FPM	-	NA
Filter Ave FPM(corr)	-	165
CFM	700	686

Cooking Equipment		
	Design	Actual
Item 1	-	FRYER
Item 2	-	NA
Item 3	-	NA
Item 4	-	NA
Item 5	-	NA

Test Data Supply		
	Design	Actual
AK factor	1	1
Total AK Area	5.0	5.0
Kv factor (Vel)	0.87	0.87
Num of Readings	-	4
Reading1 FPM	-	147
Reading2 FPM	-	153
Reading3 FPM	-	141
Reading4 FPM	-	136
Reading5 FPM	-	NA
Reading6 FPM	-	NA
Reading7 FPM	-	NA
Reading8 FPM	-	NA
Reading9 FPM	-	NA
Reading10 FPM	-	NA
Reading11 FPM	-	NA
Reading12 FPM	-	NA
Reading13 FPM	-	NA
Reading14 FPM	-	NA
Ave FPM(corr)	-	144
CFM	600	626

Performance Data		
	Design	Actual
Exh-Supply Net CFM	100	27
Smoke Generation Type	-	SMOKE CANDLE
Cooking Equip Heat On	-	YES
Hood Capture %	-	100

General		
	Design	Actual
Third Party Witness	-	NA
Third Party Company	-	NA
Tech Witness	-	ANDREW BECERRA
Tech Company	-	NATIONAL TAB



National TAB

Project: JACK STACK - LENEXA, KS

System/Unit: Kitchen Hood Type II

Asset: HD10

AREA: ITEM 237

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE-AIRE
Model Num	NA	4824 VHB G
Serial Num	-	4633218
Type	TYPE II CANOPY	TY II CANOPY
Hood length	106	106
Hood Width	48	48

Test Data		
	Design	Actual
Exhaust CFM	1325	1197