

National TAB

Project: 09-12 SWEETGREEN #DAL176 - FORT WORTH, TX
(WESTBEND)

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	TRANE	DAIKIN
Serial Num	-	2112078862
Model Num	YHC092F3RLA	DBG0903VH00001SAA
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL DISCHARGE
Num OA Filters 1	-	2
OA Filter Size 1	-	15x24
Num Final Filter 1	-	4
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	56HZ
Horsepower	-	2.0
Motor Rpm	-	1740
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	6.0

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL40
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1.0 TURN OPEN
Fan Sheave Size	-	AK74
Fan Sheave Bore	-	1"
Belt CL Distance	-	19 1/4"
Num of Belts	-	1
Belt Size	-	AX53
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	3000	2942
SF RPM	-	816
RA CFM	2400	2325
OA CFM	600	617
RL Voltage	-	214/215/215
RL Amperage	-	5.5/5.6/5.3
SF Rotation	-	CW
RA Damper Position	-	82%
Min OA Damper Position	-	3.45 VDC (18%)
Min OA Damper Type	-	PARALLEL BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.41"
Fan Suction SP	-	-0.67"
Fan Discharge SP	-	0.48"
Total ESP	0.61"	0.89"
Fan Total SP	-	1.15"

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:09-12 SWEETGREEN #DAL176 - FORT WORTH, TX (WESTBEND)

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

RTU1/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	E		300	1.0	261	292	314	104.7
SGRD2	DINING	E		350	1.0	258	281	319	91.1
SGRD3	DINING	E		350	1.0	293	319	330	94.3
SGRD4	RR CORRIDOR	F		400	1.0	299	333	369	92.3
SGRD5	RR EAST	C		50	1.0	94	102	47	94.0
SGRD6	RR WEST	C		50	1.0	81	87	49	98.0
SGRD7	BOH	A		600	1.0	540	604	621	103.5
SGRD8	WAREHOUSE	A		200	1.0	177	191	202	101.0
SGRD9	BOH	A		600	1.0	577	645	589	98.2
SGRD10	OFFICE	F		100	1.0	145	163	102	102.0

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(WESTBEND)

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU2

AREA:SERVING/DINING

Unit Data		
	Design	Actual
MFG	TRANE	DAIKIN
Serial Num	-	2203025090
Model Num	YHC092F3RLA	DBG0903VH00001SAA
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL DISCHARGE
Num OA Filters 1	-	2
OA Filter Size 1	-	15x24
Num Final Filter 1	-	4
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	56HZ
Horsepower	-	2.0
Motor Rpm	-	1740
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	6.0

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL40
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1.0 TURN OPEN
Fan Sheave Size	-	AFD74
Fan Sheave Bore	-	1"
Belt CL Distance	-	19 1/4"
Num of Belts	-	1
Belt Size	-	AX53
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	3000	2769
SF RPM	-	821
RA CFM	2400	2160
OA CFM	600	609
RL Voltage	-	214/215/214
RL Amperage	-	5.2/5.4/5.4
SF Rotation	-	CW
RA Damper Position	-	84%
Min OA Damper Position	-	3.30 VDC (16%)
Min OA Damper Type	-	PARALLEL BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.44"
Fan Suction SP	-	-0.70"
Fan Discharge SP	-	0.51"
Total ESP	0.61"	0.95"
Fan Total SP	-	1.21"

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

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Notes:

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Project:09-12 SWEETGREEN #DAL176 - FORT WORTH, TX (WESTBEND)

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

RTU2/SERVING/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	E		350	1.0	179	199	317	90.6
SGRD2	DINING	E		350	1.0	257	280	321	91.7
SGRD3	DINING	E		350	1.0	202	227	319	91.1
SGRD4	DINING	E		350	1.0	304	337	329	94.0
SGRD5	OLO PICKUP	F		400	1.0	484	540	373	93.3
SGRD6	SERVE LINE	F		300	1.0	303	333	274	91.3
SGRD7	SERVE LINE	F		300	1.0	159	172	276	92.0
SGRD8	COLD PREP	F		300	1.0	281	308	283	94.3
SGRD9	OLO PREP	F		300	1.0	366	411	277	92.3

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Project: 09-12 SWEETGREEN #DAL176 - FORT WORTH, TX
(WESTBEND)

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF1

AREA:HD1

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DU50HFA	DU50HFA
Serial Num	-	5391756
Type	UPBLAST	CENTRIFUGAL
Configuration	VERTICAL	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	TELCO
Frame	-	NL
Horsepower	0.500	0.50
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	NL
Service Factor	-	NL

Drive Data		
	Design	Actual

Test Data		
	Design	Actual
CFM	950	988
Fan RPM	1310	841
Fan Rotation	-	CCW
Motor RPM	-	841
RL Voltage	-	123
RL Amperage	-	1.5
Suction ESP	-	-0.58"
Discharge ESP	-	ATM
Total ESP	0.700"	0.58"

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Notes:

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Project: 09-12 SWEETGREEN #DAL176 - FORT WORTH, TX
(WESTBEND)

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF2

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	SIF9DD	SIF9DD
Serial Num	-	5391756
Type	DOWNBLAST	CENTRIFUGAL
Configuration	HORIZONTAL	INLINE

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	0.125	0.125
Motor Rpm	-	NL
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	1.9
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	150	147
Fan RPM	1685	852
Fan Rotation	-	CCW
Motor RPM	-	852
System SetPt	-	50%
RL Voltage	-	122
RL Amperage	-	1.1
Total ESP	0.700"	0.49"
Fan Inlet SP	-	-0.27"
Fan Discharge SP	-	0.22"

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FAN - Exhaust



Comfort. Under control.

Diffuser Ret/Exh (GRD)

EF2/RESTROOMS

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	RR WEST	D	6"	75	1.0	127	65	71	94.7
EGRD2	RR EAST	D	6"	75	1.0	162	81	76	101.3

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Project: 09-12 SWEETGREEN #DAL176 - FORT WORTH, TX
(WESTBEND)

System/Unit: Kitchen Hood Type II



Comfort. Under control.

Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	6012 VHB	6012 VHB
Serial Num	-	5391756
Type	TYPE II CANOPY	TYPE II CANOPY
Hood length	58"	58
Hood Width	60"	60

Test Data		
	Design	Actual
Exhaust CFM	950	988

Completed By: Wesley John

Notes: