

# National TAB

Project: 03-06-23 SWEETGREEN (HOU213) - HOUSTON, TX (UPTOWN PARK)



Comfort. Under control.

## System/Unit: AHU/RTU

Asset: RTU1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	YORK	YORK
Serial Num	-	N2G1201284
Model Num	ZF150	ZF150C00R4A1BAA1A1
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	[1]
OA Filter Size 1	-	[1]
Num Final Filter 1	-	4
Final Filter Size 1	-	20x24x2

Test Data		
	Design	Actual
SF CFM	4400	4442
SF RPM	-	840
RA CFM	3600	4442
OA CFM	800	0
RL Voltage	-	488/492/490
RL Amperage	-	2.9/2.9/3.1
SF Rotation	-	CW
RA Damper Position	-	N/A
Min OA Damper Position	-	N/A
Min OA Damper Type	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	-	5
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	6.5

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.82"
Fan Suction SP	-	-1.09"
Fan Discharge SP	-	0.53"
Total ESP	0.8"	1.35"
Fan Total SP	-	1.62"

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP56
Motor Bore Size	-	1 1/8"
Motor Sheave SetPt	-	2.0 TURNS OPEN
Fan Sheave Size	-	BK77
Fan Sheave Bore	-	1"
Belt CL Distance	-	20 1/4"
Num of Belts	-	1
Belt Size	-	BX56
Belt Alignment	-	CORRECT

Completed By: Wesley John

Notes:

# National TAB

Project:03-06-23 SWEETGREEN (HOU213) - HOUSTON, TX (UPTOWN PARK)

## 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	SERVELINE	CD3	8"	225	1.0	109	-	234	104.0
SGRD2	SERVELINE	CD3	8"	225	1.0	126	-	234	104.0
SGRD3	SERVELINE	CD3	8"	225	1.0	136	-	241	107.1
SGRD4	SERVELINE	CD3	8"	225	1.0	132	-	242	107.6
SGRD5	SERVELINE	CD3	8"	225	1.0	130	-	232	103.1
SGRD6	SERVELINE	CD3	8"	225	1.0	153	-	230	102.2
SGRD7	COLD PREP	CD2	10"	275	1.0	282	-	299	108.7
SGRD8	COLD PREP	CD2	10"	275	1.0	266	-	293	106.5
SGRD9	COLD PREP	CD2	12"	400	1.0	372	-	408	102.0
SGRD10	HOT PREP	CD1	10"	300	1.0	400	-	283	94.3
SGRD11	HOT PREP	CD1	12"	375	1.0	524	-	356	94.9
SGRD12	HOT PREP	CD1	12"	400	1.0	583	-	390	97.5
SGRD13	WAREWASH	CD1	14"	500	1.0	754	-	472	94.4
SGRD14	BOH KITCHEN	CD1	8"	225	1.0	226	-	227	100.9
SGRD15	OFFICE	CD1	10"	300	1.0	326	-	301	100.3

Completed By: Brianna Biggs on

# National TAB

Project: 03-06-23 SWEETGREEN (HOU213) - HOUSTON, TX (UPTOWN PARK)



## System/Unit: AHU/RTU

Comfort. Under control.

Asset: RTU2

AREA: DINING

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5606H15133
Model Num	LCC102S	LCC102S2BE1G
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL DISCHARGE
Num OA Filters 1	-	2
OA Filter Size 1	-	16x25x1
Num Final Filter 1	-	4
Final Filter Size 1	-	18x24x2

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	56HZ
Horsepower	-	3
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP40
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	1.5 TURNS OPEN
Fan Sheave Size	-	AK69
Fan Sheave Bore	-	1"
Belt CL Distance	-	16"
Num of Belts	-	1
Belt Size	-	AX46
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	3000	3116
SF RPM	-	947
RA CFM	2400	2532
OA CFM	600	584
RL Voltage	-	491/487/489
RL Amperage	-	5.9/5.8/5.9
SF Rotation	-	CCW
RA Damper Position	-	6"
Min OA Damper Position	-	3/4"
Min OA Damper Type	-	PARALLEL BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.48"
Fan Suction SP	-	-0.66"
Fan Discharge SP	-	0.45"
Total ESP	0.8"	0.93"
Fan Total SP	-	1.11"

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	NO
Condensate Drain Installed	-	YES

Completed By: Wesley John

Notes:

# National TAB

Project:03-06-23 SWEETGREEN (HOU213) - HOUSTON, TX (UPTOWN PARK)

## AHU/RTU



Comfort. Under control.

### Diffuser Supply (GRD)

#### RTU2/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	SR1	10/10	420	1.0	482	-	430	102.4
SGRD2	DINING	SR1	10/10	420	1.0	413	-	427	101.7
SGRD3	DINING	SR1	10/10	420	1.0	453	-	433	103.1
SGRD4	DINING	SR1	10/10	425	1.0	473	-	441	103.8
SGRD5	OLO PICKUP	SR1	10/10	465	1.0	444	-	469	100.9
SGRD6	OLO PICKUP	SR1	10/10	395	1.0	421	-	424	107.3
SGRD7	OLO PICKUP	SR1	10/10	390	1.0	418	-	422	108.2
SGRD8	RR HALL	SR2	6/6	15	1.0	57	-	16	106.7
SGRD9	WEST RR	SR2	6/6	50	1.0	68	-	54	108.0

Completed By: Brianna Biggs on

# National TAB

Project: 03-06-23 SWEETGREEN (HOU213) - HOUSTON, TX (UPTOWN PARK)



Comfort. Under control.

## System/Unit: FAN - Exhaust

Asset: EF1

AREA:KITCHEN

Unit Data		
	Design	Actual
<b>MFG</b>	CAPTIVE-AIRE	CAPTIVE-AIRE
<b>Model Num</b>	DU85HFA	DU85HFA
<b>Serial Num</b>	-	5574601
<b>Type</b>	UPBLAST	CENTRIFUGAL
<b>Configuration</b>	VERTICAL	UPBLAST

Motor Data		
	Design	Actual
<b>Motor MFG</b>	-	TELCO
<b>Frame</b>	-	NL
<b>Horsepower</b>	0.75	0.75
<b>Motor Rpm</b>	-	1800
<b>Phase</b>	1	1
<b>Voltage (rated)</b>	120	115
<b>Amperage (rated)</b>	-	NL
<b>Service Factor</b>	-	NL

Test Data		
	Design	Actual
<b>CFM</b>	1075	1068
<b>Fan RPM</b>	-	904
<b>Fan Rotation</b>	-	CCW
<b>Motor RPM</b>	-	904
<b>System SetPt</b>	-	50%
<b>RL Voltage</b>	-	122
<b>RL Amperage</b>	-	2.3
<b>Total ESP</b>	0.8"	0.67"
<b>Fan Inlet SP</b>	-	-0.67"
<b>Fan Discharge SP</b>	-	ATM

Completed By: Wesley John

Notes:

# National TAB

Project: 03-06-23 SWEETGREEN (HOU213) - HOUSTON, TX (UPTOWN PARK)



Comfort. Under control.

## System/Unit: FAN - Exhaust

Asset: EF2

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVE-AIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	5574601
Type	DOWNBLAST	CENTRIFUGAL
Configuration	VERTICAL	DOWNBLAST

Motor Data		
	Design	Actual
Motor MFG	-	TELCO
Frame	-	NL
Horsepower	0.25	0.25
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	NL
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	150	140
Fan RPM	-	1123
Fan Rotation	-	CCW
Motor RPM	-	1123
System SetPt	-	60%
RL Voltage	-	122
RL Amperage	-	0.65
Total ESP	0.8"	0.30"
Fan Inlet SP	-	-0.30"
Fan Discharge SP	-	ATM

Completed By: Wesley John

Notes:

# National TAB

Project:03-06-23 SWEETGREEN (HOU213) - HOUSTON, TX (UPTOWN PARK)

## 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	EAST RR	ER1	6/6	75	1.0	63	85	70	93.3
EGRD2	WEST RR	ER1	6/6	75	1.0	48	69	70	93.3

Completed By: Brianna Biggs on

# National TAB

Project: 03-06-23 SWEETGREEN (HOU213) - HOUSTON, TX (UPTOWN PARK)



Comfort. Under control.

## System/Unit: Kitchen Hood Type II

Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVE-AIRE
Model Num	6012 VHB	6012 VHB
Serial Num	-	5791037
Type	TYPE II CANOPY	TYPE II CANOPY
Hood length	58	58
Hood Width	60	60

Test Data		
	Design	Actual
Exhaust CFM	1075	1068

Completed By: Wesley John

Notes: