



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : EF1

Description : NO SPEED CONTROLLER NOT OPERATIONAL

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : EF3

Description : DUCT NOT CONNECTED TO EF NO SPEED CONTROLLER NOT OPERATIONAL

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB

Project Issue File Details



EF3(1).jpeg



EF3-1.jpeg



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : EF5
Description : NO SPEED CONTROLLER
Created By : National TAB **Assigned To :** National TAB - Will Turnbough
Status : Open
Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : EF6
Description : NOT INSTALLED
Created By : National TAB **Assigned To :** National TAB - Will Turnbough
Status : Open
Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB

Project Issue File Details



EF6.jpeg



EF6-1.jpeg



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : HEF1

Description : LOW CFM AT MAX SPEED

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB

Project Issue File Details



HEF1.jpeg



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : HEF2

Description : NOT OPERATIONAL

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB

Project Issue File Details



HEF2.jpeg



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : HEF3

Description : NOT OPERATIONAL

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB

Project Issue File Details



HEF3.jpeg



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : MUA1

Description : SPEED CONTROLLER DOES NOT WORK

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB

Project Issue File Details



MUA1.jpeg



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : RTU-DB

Description : NO OA HOOD UNIT IS NOT OPERATIONAL

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB

Project Issue File Details



RTUDB.jpeg



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : RTU1

Description : UNIT IS NOT OPERATIONAL OA DAMPER NOT INSTALLED

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB



Comfort. Under control.

01-30-23 FOOD LION #2857 - ORANGEBURG, SC

Project Issue Information

Issue Name : SF1
Description : NOT INSTALLED
Created By : National TAB **Assigned To :** National TAB - Will Turnbough
Status : Open
Originated Date : 01/31/2023 - Antonio Flores-De La Cruz - National TAB

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU1

AREA:SALES

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	12
Final Filter Size 1	-	20"X25"X1.75"
Num Final Filter 2	-	20"X30"1.75"
Final Filter Size 2	-	9

Test Data		
	Design	Actual
SF CFM	19300	
SF RPM	-	
RA CFM	15940	
OA CFM	3360	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	E-PLUS
Frame	-	S2841
Horsepower	-	25
Motor Rpm	-	1765
Phase	-	3
Rated Voltage	-	200
Rated Amperage	-	69

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

Drive Data		
	Design	Actual
Motor Sheave Size	-	3MVP80B940
Motor Bore Size	-	4.375"
Motor Sheave SetPt	-	
Fan Sheave Size	-	14"
Fan Sheave Bore	-	4.125"
Belt CL Distance	-	34.5"
Num of Belts	-	3
Belt Size	-	A101
Belt Alignment	-	GOOD

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

Completed By: Brianna Biggs

Notes: NOT OPERATIONAL OA DAMPER NOT INSTALLED

National TAB

Project:01-30-23 FOOD LION #2857 - ORANGEBURG, SC

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

RTU1/SALES

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	SALES	S3		650					-
SGRD2	SALES	S3		650					-
SGRD3	SALES	S3		650					-
SGRD4	SALES	S3		650					-
SGRD5	SALES	S3		650					-
SGRD6	SALES	S3		650					-
SGRD7	SALES	S3		800					-
SGRD8	SALES	S2		500					-
SGRD9	SALES	S2		500					-
SGRD10	SALES	S2		500					-
SGRD11	SALES	S2		500					-
SGRD12	SALES	S2		500					-
SGRD13	SALES	S2		500					-
SGRD14	SALES	S2		500					-
SGRD15	SALES	S2		500					-
SGRD16	SALES	S2		500					-
SGRD17	SALES	S2		500					-
SGRD18	SALES	S2		500					-
SGRD19	SALES	S2		500					-
SGRD20	SALES	S2		500					-
SGRD21	SALES	S2		500					-
SGRD22	SALES	S2		500					-
SGRD23	SALES	S2		500					-
SGRD24	SALES	S2		500					-
SGRD25	SALES	S2		500					-
SGRD26	SALES	S2		500					-
SGRD27	SALES	S2		500					-
SGRD28	SALES	S2		500					-
SGRD29	SALES	S2		500					-
SGRD30	SALES	S2		500					-
SGRD31	SALES	S2		500					-
SGRD32	SALES	S2		500					-
SGRD33	MENS RR	S1		150					-
SGRD34	WOMENS RR	S1		150					-
SGRD35	RECEIVIN G	S5		600					-
SGRD36	RECEIVIN G	S5		600					-
SGRD37	RECEIVIN G	S5		600					-

Completed By: Brianna Biggs on

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU2

AREA:PRODUCE/FRONT

Unit Data		
	Design	Actual
MFG	YORK	YORK
Serial Num	-	
Model Num	ZS- 25N30B2A1AAA1A2	ZS- 25N30B2A1AAA1A2
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	9775	
SF RPM	-	
RA CFM	8375	
OA CFM	1400	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	

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

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	-	

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

Completed By: Brianna Biggs

Notes:

National TAB

Project:01-30-23 FOOD LION #2857 - ORANGEBURG, SC

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

RTU2/PRODUCE/FRONT

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	VESTIBUL E	S1		400					-
SGRD2	VESTIBUL E	S1		400					-
SGRD3	VESTIBUL E	S1		400					-
SGRD4	SALES	S1		150					-
SGRD5	SALES	S1		150					-
SGRD6	SALES	S1		150					-
SGRD7	WORK ROOM	S1		150					-
SGRD8	WORK ROOM	S1		150					-
SGRD9	WORK ROOM	S1		300					-
SGRD10	LOUNGE	S1		300					-
SGRD11	LOUNGE	S1		300					-
SGRD12	LOUNGE	S1		200					-
SGRD13	LOUNGE	S1		200					-
SGRD14	SALES	S1		300					-
SGRD15	SALES	S1		300					-
SGRD16	MENS RR	S1		200					-
SGRD17	BABY CHANGIN G RM	S1		75					-
SGRD18	WOMENS RR	S1		150					-
SGRD19	SALES	S2		500					-
SGRD20	SALES	S2		500					-
SGRD21	SALES	S2		500					-
SGRD22	SALES	S2		500					-
SGRD23	SALES	S2		500					-
SGRD24	SALES	S2		500					-
SGRD25	SALES	S2		500					-
SGRD26	SALES	S2		500					-
SGRD27	SALES	S2		500					-
SGRD28	SALES	S2		500					-
SGRD29	PRODUCE PREP	S2		500					-

Completed By: Brianna Biggs on

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU-DB0

AREA:DELI/BAKERY

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	
Model Num	THC092	THC092
Type	RTU	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	3000	
SF RPM	-	
RA CFM	2700	
OA CFM	300	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.60"	
Fan Total SP	-	

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	-	

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

Completed By: Brianna Biggs

Notes:

National TAB

Project:01-30-23 FOOD LION #2857 - ORANGEBURG, SC

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

RTU-DB0/DELI/BAKERY

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	BAKERY	S4		600					-
SGRD2	BAKERY	S4		600					-
SGRD3	BAKERY	S4		600					-
SGRD4	DELI	S4		600					-
SGRD5	DELI	S4		600					-

Completed By: Brianna Biggs on

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Supply



Comfort. Under control.

Asset: MUA1

AREA:HOOD 1 & HOOD 3

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NRTA-A1-G100	NRTA-A1-G100
Serial Num	-	2012358
Type	MUA	MUA
Configuration	HORIZONTAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	482
Horsepower	-	0.50
Motor Rpm	-	825
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	68
Service Factor	-	1.0

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

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	
Flame Status (pass/fail)	-	
Inlet Air Temp SetPt	-	
Discharge Air Temp SetPt	-	
Air Flow Switch SP Actual	-	

Test Data		
	Design	Actual
CFM	1925	DD
SF RPM	-	
Motor RPM	-	
RL Voltage	-	109
RL Amperage	-	2.7
Total ESP	-	
Fan Discharge SP	-	

General		
	Design	Actual
Fan Rotation Correct	-	Yes

Completed By: Brianna Biggs

Notes: NO OA HOOD NOT OPERATIONAL

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Supply



Comfort. Under control.

Asset: SF1

AREA:MECHANICAL ROOM

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	36AQD11D	36AQD11D
Serial Num	-	
Type	-	
Configuration	-	

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

Gas Heat		
	Design	Actual

Test Data		
	Design	Actual
CFM	11000	
SF RPM	1140	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Discharge SP	-	

General		
	Design	Actual
Fan Rotation Correct	-	

Completed By: Brianna Biggs

Notes:

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF1

AREA:EMPLOYEE RESTROOMS

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	100C17DEC	100C17DEC
Serial Num	-	2965J89441-01/0000701
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	COOK
Frame	-	NL
Horsepower	0.25	0.25
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	3.4
Service Factor	-	1

Test Data		
	Design	Actual
CFM	450	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.375"	
Fan Inlet SP	-	
Fan Discharge SP	-	

Completed By: Brianna Biggs

Notes: Not operational No speed controller

National TAB

Project:01-30-23 FOOD LION #2857 - ORANGEBURG, SC

FAN - Exhaust



Comfort. Under control.

Diffuser Ret/Exh (GRD)

EF1/EMPLOYEE RESTROOMS

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	MENS RR	E2	8"	225					-
EGRD2	WOMENS RR	E2	8"	225					-

Completed By: Brianna Biggs on

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF2

AREA:WOMENS RR

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

Motor Data		
	Design	Actual
Motor MFG	-	COOK
Frame	-	NL
Horsepower	-	0.0625
Motor Rpm	-	1550
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	2.2
Service Factor	-	1

Test Data		
	Design	Actual
CFM	215	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	

Completed By: Brianna Biggs

Notes: Not operational No speed controller

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF3

AREA:MENS RR

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	NL
Type	-	CEILING
Configuration	-	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	COOK
Frame	-	NL
Horsepower	-	0.0625
Motor Rpm	-	1550
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	2.2
Service Factor	-	1.0

Test Data		
	Design	Actual
CFM	250	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	

Completed By: Brianna Biggs

Notes: NO DUCT RAN TO FAN Not operational No speed controller

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF4

AREA: LOUNGE

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	NL
Type	-	CEILING
Configuration	-	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	MCMILLAN
Frame	-	NL
Horsepower	-	0.0625
Motor Rpm	-	1550
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	0.99
Service Factor	-	1

Test Data		
	Design	Actual
CFM	300	41
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	0.6
Total ESP	-	0.9704
Fan Inlet SP	-	-0.001
Fan Discharge SP	-	0.9703

Completed By: Brianna Biggs

Notes: Possibly running backwards. Unable to stop fan to check rotation. No speed controller Unable to read volts

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF5

AREA:FAMILY RR

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	NL
Type	-	CEILING
Configuration	-	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	COOK
Frame	-	NL
Horsepower	-	0.0625
Motor Rpm	-	1550
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	2.2
Service Factor	-	1

Test Data		
	Design	Actual
CFM	100	97
Fan RPM	-	DD
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Inlet SP	-	-0.0156
Fan Discharge SP	-	

Completed By: Brianna Biggs

Notes: Unable to reach above flex to read discharge SP. no speed controller Unable to read amps/volts

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF6

AREA:MECHANICAL ROOM

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	36AQD11D	36AQD11D
Serial Num	-	296SJ89441-01/002001
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	COOK
Frame	-	NL
Horsepower	1.5	1.5
Motor Rpm	-	1140
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	11000	
Fan RPM	1140	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.125"	
Fan Inlet SP	-	
Fan Discharge SP	-	

Completed By: Brianna Biggs

Notes: Not installed to curb

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF7

AREA: JANITOR AREA

Unit Data		
	Design	Actual
MFG	COOK	COOK
Model Num	GC422	D0810B4223
Serial Num	-	NL
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	MCMILLAN
Frame	-	NL
Horsepower	91W	0.043
Motor Rpm	-	1500
Phase	81	1
Voltage (rated)	120	115
Amperage (rated)	-	1.0
Service Factor	-	1.0

Test Data		
	Design	Actual
CFM	250	337
Fan RPM	1306	DD
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	1.0
Total ESP	0.375"	0.2847
Fan Inlet SP	-	-0.0047
Fan Discharge SP	-	0.28

Completed By: Brianna Biggs

Notes: No speed controller Unable to read volts

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: HEF-1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU85HFA	NA
Serial Num	-	2012358
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	-	0.75
Motor Rpm	-	1625
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3
Service Factor	-	1.0

Drive Data		
	Design	Actual

Test Data		
	Design	Actual
CFM	2100	1608
Fan RPM	-	DD
Fan Rotation	-	CCW
Motor RPM	-	DD
RL Voltage	-	119
RL Amperage	-	8.2
Suction ESP	-	-0.98
Discharge ESP	-	ATM
Total ESP	-	0.98

Completed By: Brianna Biggs

Notes: AT MAX SPEED

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: HEF-2

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	PENN
Model Num	DU85HFA	FX13BHFT
Serial Num	-	NL
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	NL
Horsepower	-	0.75
Motor Rpm	-	1740
Phase	-	1
Voltage (rated)	-	-
Amperage (rated)	-	-
Service Factor	-	1.25

Drive Data		
	Design	Actual
Motor Sheave Size	-	1.0625"
Motor Bore Size	-	3.875"
Motor Sheave SetPt	-	
Fan Sheave Size	-	0.875"
Fan Sheave Bore	-	5"
Belt CL Distance	-	5.75"
Num of Belts	-	1
Belt Size	-	4L240

Test Data		
	Design	Actual
CFM	1200	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

Completed By: Brianna Biggs

Notes: NOT OPERATIONAL

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: HEF-3

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU85HFA	DU85HFA
Serial Num	-	2012358
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	-	0.75
Motor Rpm	-	1625
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	13
Service Factor	-	1.0

Drive Data		
	Design	Actual

Test Data		
	Design	Actual
CFM	1750	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

Completed By: Brianna Biggs

Notes: NOT OPERATIONAL

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND 2WI	5424 ND 2WI
Job / Serial Num	-	2012358
Type	TYPE I ISLAND	TYPE I ISLAND
Hood length	72	62
Hood Width	48	54
Supply Plenum Type	-	
Supply Plenum Width	-	19.75"
Supply Plenum Length	-	62"

Test Data Exhaust		
	Design	Actual
Filter Type	-	
Filter Size 1	-	12x16
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	1.16
Filters AK factor size 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	453
Filter2 FPM	-	406
Filter3 FPM	-	464
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	511
CFM	2100	1778

Cooking Equipment		
	Design	Actual
Item 1	-	Fryer
Item 2	-	Fryer
Item 3	-	
Item 4	-	
Item 5	-	

Test Data Supply		
	Design	Actual
Total AK Area	-	6.24
Kv factor (Vel)	-	
Num of Readings	-	4
Reading1 FPM	-	501
Reading2 FPM	-	393
Reading3 FPM	-	521
Reading4 FPM	-	515
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	1050	

Completed By: Brianna Biggs

Notes:

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD2

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Job / Serial Num	-	2012358
Type	-	TYPE I ISLAND
Hood length	48"	48"
Hood Width	48"	48"
Supply Plenum Type	-	
Supply Plenum Width	-	19.75"
Supply Plenum Length	-	47"

Test Data Exhaust		
	Design	Actual
Filter Type	-	
Filter Size 1	-	18"x19.5"
Filter Size 2	-	
Filter Qty 1	-	2
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	1200	

Cooking Equipment		
	Design	Actual
Item 1	-	Rotisserie
Item 2	-	
Item 3	-	
Item 4	-	
Item 5	-	

Test Data Supply		
	Design	Actual
Total AK Area	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	-	

Completed By: Brianna Biggs

Notes: Fan not running

National TAB

Project: 01-30-23 FOOD LION #2857 - ORANGEBURG, SC

System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD3

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Job / Serial Num	-	2012358
Type	-	TYPE I ISLAND
Hood length	-	72"
Hood Width	-	54"
Supply Plenum Type	-	
Supply Plenum Width	-	19.75"
Supply Plenum Length	-	71"

Test Data Exhaust		
	Design	Actual
Filter Type	-	
Filter Size 1	-	20"x16"
Filter Size 2	-	
Filter Qty 1	-	4
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	1750	

Cooking Equipment		
	Design	Actual
Item 1	-	Oven
Item 2	-	Rotisserie
Item 3	-	
Item 4	-	
Item 5	-	

Test Data Supply		
	Design	Actual
Total AK Area	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	875	

Completed By: Brianna Biggs

Notes: