SDV Job #: 6340295 - SDV for Job 6113273

Service Region:	361 - Cincinnati OH Service		
Service Person:	Bailey Smith		
Customer Number:	971549	**Customer Name:**	C&T Design/OFF BRAND
Address:	PENN STATION Mike Vantel 3600 Southpointe Parkway SouthPointe Crossing Oxford, OH 45056		
Region Job #:	6113273		
Region Job Name:	Penn Station V2B-6L (Oxford, OH)		
Sales Region:	120 - Air Solutions		
Sales Person:	Joe Hertenstein		
Created By:	Bailey Smith	**Creation Date:**	11/16/2023 12:24 PM
Last Modified By:	Dave King	**Last Modified Date:**	11/30/2023 5:43 PM
Dining Room Pressure:	0.0	**Kitchen Pressure:**	0.0
Hours On Job:	0.0	**Extra Hours:**	0.0
Completed:	Yes	**Completed By:**	Dave King
Completion Date:	11/30/2023 5:43 PM		

Job Site Meeting

NONE

UDS

NONE

Hood Group 1

Exhaust CFM: Design = 1200 Initial = 1515 Final = 1165 (97.1% of design)

Hood 1 (HD1-Grill) (HD1-Grill)

Model: 3650ELPX-2 **Length:** 6' 0.00"
Exhaust CFM: Design = 1200 Initial = 1515 Final = 1165 (97.1% of design)

Other Notes:

N/A

Installation

Hung Using appropriate material to safely secure hood.	Design:	**Yes**	Actual:	**Yes**
COOKING EQUIPMENT ON AND OPERATING	Design:	**Yes**	Actual:	**Yes**
COOKING EQUIPMENT INSTALLED AS CLOSE TO BACK WALL AS POSSIBLE	Design:	**Yes**	Actual:	**Yes**
END PANELS INSTALLED CORRECTLY	Design:	**Yes**	Actual:	**Yes**
Smoke Test Performed on all Hoods? Upload Video	Design:	**Yes**	Actual:	**Yes**

Other Notes:

N/A

See attachment(s): [20231116132440.mp4]

Front Lower Edge of Hood is within 6'6' - 7' - 0" (78' - 84") Appliance From Floor (AFF)	Design:	**Yes**	Actual:	**Yes**

Filters

Type: Captrate Solo

Filter 1 Fan: #1 - EADU85H (KEF1)	Size: 16x16	Initial Velocity: 247 fpm	Final Velocity: 193 fpm	Initial CFM: 400	Final CFM: 313
Filter 2 Fan: #1 - EADU85H (KEF1)	Size: 16x16	Initial Velocity: 227 fpm	Final Velocity: 171 fpm	Initial CFM: 368	Final CFM: 277
Filter 3 Fan: #1 - EADU85H (KEF1)	Size: 16x16	Initial Velocity: 234 fpm	Final Velocity: 187 fpm	Initial CFM: 379	Final CFM: 303
Filter 4 Fan: #1 - EADU85H (KEF1)	Size: 16x16	Initial Velocity: 227 fpm	Final Velocity: 168 fpm	Initial CFM: 368	Final CFM: 272

Hood Group 2

Exhaust CFM:	Design = 0	Initial = 0	Final = 0	(0.0% of design)
Supply CFM:	Design = 1000	Initial = 1251	Final = 1084	(108.4% of design)
Supply AC CFM:	Design = 0	Initial = 2	Final = 2	(0.0% of design)

Hood 2 (HD1-PSP) (HD1-PSP)

Model:	246Misc ACPSP-ONLY	**Length:**	6' 0.00"	
Exhaust CFM:	Design = 0	Initial = 0	Final = 0	(0.0% of design)

Installation

Hung Using appropriate material to safely secure hood.	Design:	**Yes**	Actual:	**Yes**
COOKING EQUIPMENT ON AND OPERATING	Design:	**Yes**	Actual:	**Yes**
COOKING EQUIPMENT INSTALLED AS CLOSE TO BACK WALL AS POSSIBLE	Design:	**Yes**	Actual:	**Yes**
Smoke Test Performed on all Hoods? Upload Video	Design:	**Yes**	Actual:	**Yes**
Front Lower Edge of Hood is within 6'6' - 7' - 0" (78' - 84") Appliance From Floor (AFF)	Design:	**Yes**	Actual:	**Yes**

Supply

Supply CFM: Fan: #4 - EA1-D.250-15D (HMUA1)	Design = 1000	Initial = 1251	Actual = 1084	(108.4% of design)
AC CFM:	Design = 0	Initial = 2	Actual = 2	(0.0% of design)

PSP 1

Orientation:	Front	**Length:**	6' 0.00"	**Width:**	14.00"	**Banks:**	1
Blanks:	1						

CFM:	Design = 998	Initial = 1251	Final = 1084	(108.6% of design)
Velocity:	Design = 168	Initial = 210	Final = 182	(108.3% of design)
AC CFM:	Design = 465	Initial = 2	Final = 2	(0.4% of design)
AC Velocity:	Design = 0	Initial = 0	Final = 0	(0.0% of design)

Readings:

1: Initial: 209 fpm, Final: 199 fpm 2: Initial: 210 fpm, Final: 168 fpm 3: Initial: 239 fpm, Final: 192 fpm
4: Initial: 223 fpm, Final: 189 fpm 5: Initial: 180 fpm, Final: 159 fpm 6: Initial: 201 fpm, Final: 186 fpm

AC Readings:

Installation Notes:

AC RTU not running at time of SDV

1: Initial: 1 fpm, Final: 1 fpm 2: Initial: 1 fpm, Final: 1 fpm 3: Initial: 1 fpm, Final: 1 fpm 4: Initial: 1 fpm, Final: 1 fpm
5: Initial: 1 fpm, Final: 1 fpm 6: Initial: 1 fpm, Final: 1 fpm

Hood Group 4

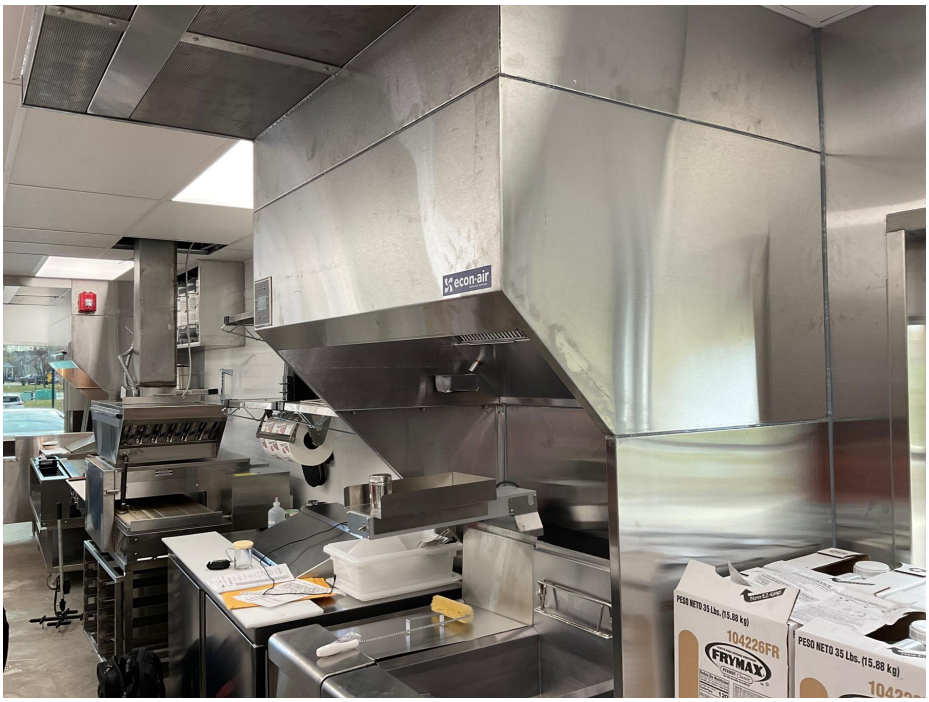
Exhaust CFM: Design = 833 Initial = 1150 Final = 807 (96.9% of design)

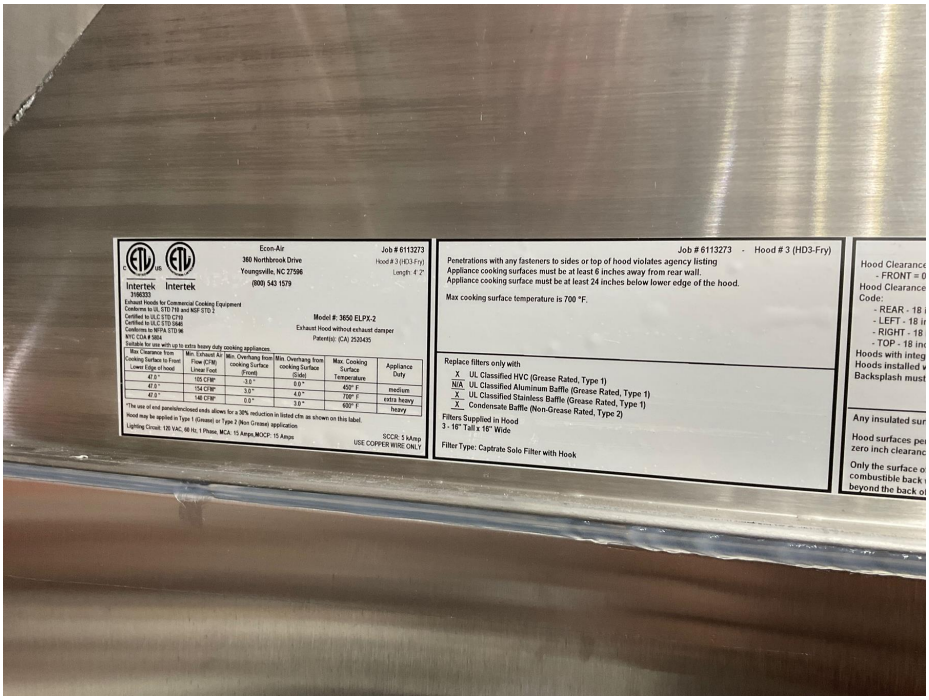
Hood 3 (HD3-Fry) (HD3-Fry)

Model:	3650ELPX-2	**Length:**	4' 2.00"
Exhaust CFM:	Design = 833	Initial = 1150	Final = 807	(96.9% of design)

Other Notes:

N/A





Installation

Hung Using appropriate material to safely secure hood.	Design:	**Yes**	Actual:	**Yes**
COOKING EQUIPMENT ON AND OPERATING	Design:	**Yes**	Actual:	**Yes**
COOKING EQUIPMENT INSTALLED AS CLOSE TO BACK WALL AS POSSIBLE	Design:	**Yes**	Actual:	**Yes**
END PANELS INSTALLED CORRECTLY	Design:	**Yes**	Actual:	**Yes**
Smoke Test Performed on all Hoods? Upload Video	Design:	**Yes**	Actual:	**Yes**

Other Notes:

N/A

See attachment(s): [20231116132454.mp4]

Front Lower Edge of Hood is within 6'6" - 7' - 0" (78' - 84") Appliance From Floor (AFF)	Design:	**Yes**	Actual:	**Yes**

Filters

Type: Captrate Solo

Filter 1 Fan: #3 - EADU85H (KEF3-FRY)	Size: 16x16	Initial Velocity: 236 fpm	Final Velocity: 171 fpm	Initial CFM: 382	Final CFM: 277
Filter 2 Fan: #3 - EADU85H (KEF3-FRY)	Size: 16x16	Initial Velocity: 237 fpm	Final Velocity: 159 fpm	Initial CFM: 384	Final CFM: 258
Filter 3 Fan: #3 - EADU85H (KEF3-FRY)	Size: 16x16	Initial Velocity: 237 fpm	Final Velocity: 168 fpm	Initial CFM: 384	Final CFM: 272

Hood Group 5

Exhaust CFM:	Design = 0	Initial = 0	Final = 0	(0.0% of design)
Supply CFM:	Design = 630	Initial = 682	Final = 575	(91.3% of design)
Supply AC CFM:	Design = 0	Initial = 2	Final = 2	(0.0% of design)

Hood 4 (HD3-PSP) (HD3-PSP)

Model:	246Misc ACPSP-ONLY	**Length:**	4' 2.00"	
Exhaust CFM:	Design = 0	Initial = 0	Final = 0	(0.0% of design)

Installation

Hung Using appropriate material to safely secure hood.	Design:	**Yes**	Actual:	**Yes**
COOKING EQUIPMENT ON AND OPERATING	Design:	**Yes**	Actual:	**Yes**
COOKING EQUIPMENT INSTALLED AS CLOSE TO BACK WALL AS POSSIBLE	Design:	**Yes**	Actual:	**Yes**
Smoke Test Performed on all Hoods? Upload Video	Design:	**Yes**	Actual:	**Yes**
Front Lower Edge of Hood is within 6'6" - 7' - 0" (78' - 84") Appliance From Floor (AFF)	Design:	**Yes**	Actual:	**Yes**

Supply

Supply CFM: Fan: #4 - EA1-D.250-15D (HMUA1)	Design = 630	Initial = 682	Actual = 575	(91.3% of design)
AC CFM:	Design = 0	Initial = 2	Actual = 2	(0.0% of design)

PSP 1

Orientation:	Front	**Length:**	4' 2.00"	**Width:**	14.00"	**Banks:**	1
Blanks:	1						
CFM:	Design = 630	Initial = 682	Final = 575	(91.3% of design)			
Velocity:	Design = 157	Initial = 169	Final = 142	(90.4% of design)			
AC CFM:	Design = 250	Initial = 2	Final = 2	(0.8% of design)			
AC Velocity:	Design = 0	Initial = 1	Final = 1	(0.0% of design)			

Readings:

1: Initial: 145 fpm, Final: 156 fpm 2: Initial: 171 fpm, Final: 147 fpm 3: Initial: 169 fpm, Final: 144 fpm
4: Initial: 168 fpm, Final: 125 fpm 5: Initial: 178 fpm, Final: 138 fpm 6: Initial: 185 fpm, Final: 147 fpm

AC Readings:

Installation Notes:

AC RTU not running at time of sdv

1: Initial: 1 fpm, Final: 1 fpm 2: Initial: 1 fpm, Final: 1 fpm 3: Initial: 1 fpm, Final: 1 fpm 4: Initial: 1 fpm, Final: 1 fpm
5: Initial: 1 fpm, Final: 1 fpm 6: Initial: 1 fpm, Final: 1 fpm

AQEs

NONE

Fans

Fan 1 - EADU85H (KEF1) (KEF1)

Model: EADU85H

Other Notes:

N/A

Exhaust

Exhaust CFM: Design = 1250 Actual = 1165 (93.2% of design)

Record the ECM Speed			Actual:	**56**
VOLTS	Design:	**115**	Actual:	**122**
HP	Design:	**0.75**	Actual:	**0.75**
HUB SET SCREW TIGHT	Design:	**Yes**	Actual:	**Yes**
FAN LEVEL	Design:	**Yes**	Actual:	**Yes**
ROTATION	Design:	**Correct**	Actual:	**Correct**
FAN VIBRATION	Design:	**Good**	Actual:	**Good**
RPM - DESIGN	Design:	**1278**	Actual:	**1008**
RPM - MAX	Design:	**1900**	Actual:	**N/A**
RPM - MAX RECOMMENDED	Design:	**1600**	Actual:	**N/A**
FLA	Design:	**8.9**	Actual:	**3.5**
OVERLOAD SET POINT		**N/A**		
PHASE	Design:	**1**	Actual:	**1**
Unit within five miles from the coast?			Actual:	**No**
INSPECT ALL EXTERIOR SIDES OF UNIT. ANY VISIBLE DAMAGE	Design:	**No**	Actual:	**No**
SPEED CONTROL VOLTAGE	Design:	**65**	Actual:	**N/A**

Fan 2 - EADU33H (KEF2-OVEN) (KEF2-OVEN)

Model: EADU33H

Other Notes:

N/A

Exhaust

Exhaust CFM: Design = 600 Actual = 572 (95.3% of design)

Record the ECM Speed			Actual:	**75**
VOLTS	Design:	**115**	Actual:	**122**
HP	Design:	**0.333**	Actual:	**0.333**
HUB SET SCREW TIGHT	Design:	**Yes**	Actual:	**Yes**
FAN LEVEL	Design:	**Yes**	Actual:	**Yes**
ROTATION	Design:	**Correct**	Actual:	**Correct**
FAN VIBRATION	Design:	**Good**	Actual:	**Good**
RPM - DESIGN	Design:	**1357**	Actual:	**1350**
RPM - MAX	Design:	**2000**	Actual:	**N/A**
RPM - MAX RECOMMENDED	Design:	**1600**	Actual:	**N/A**
FLA	Design:	**4.3**	Actual:	**2.3**
OVERLOAD SET POINT		**N/A**		
PHASE	Design:	**1**	Actual:	**1**
Unit within five miles from the coast?			Actual:	**No**
INSPECT ALL EXTERIOR SIDES OF UNIT. ANY VISIBLE DAMAGE	Design:	**No**	Actual:	**No**
SPEED CONTROL VOLTAGE	Design:	**65**	Actual:	**N/A**

Fan 3 - EADU85H (KEF3-FRY) (KEF3-FRY)

Model: EADU85H

Other Notes:

N/A

Exhaust

Exhaust CFM: Design = 850 Actual = 807 (94.9% of design)

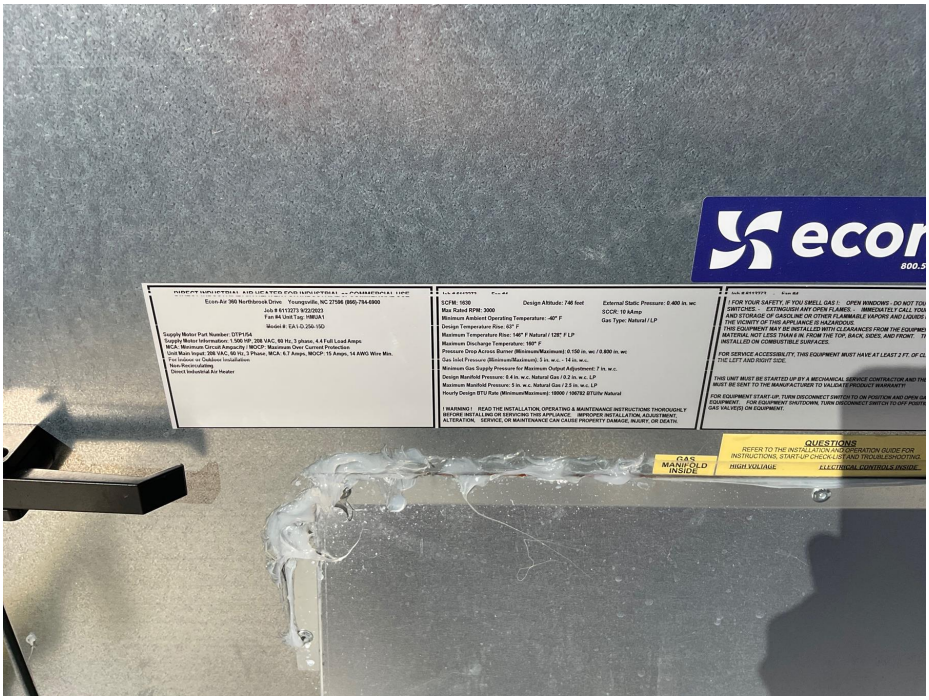
Record the ECM Speed			Actual:	**48**
VOLTS	Design:	**115**	Actual:	**122**
HP	Design:	**0.75**	Actual:	**0.75**
HUB SET SCREW TIGHT	Design:	**Yes**	Actual:	**Yes**
FAN LEVEL	Design:	**Yes**	Actual:	**Yes**
ROTATION	Design:	**Correct**	Actual:	**Correct**
FAN VIBRATION	Design:	**Good**	Actual:	**Good**
RPM - DESIGN	Design:	**1189**	Actual:	**864**
RPM - MAX	Design:	**1900**	Actual:	**N/A**
RPM - MAX RECOMMENDED	Design:	**1600**	Actual:	**N/A**
FLA	Design:	**8.9**	Actual:	**2.1**
OVERLOAD SET POINT		**N/A**		
PHASE	Design:	**1**	Actual:	**1**
Unit within five miles from the coast?			Actual:	**No**
INSPECT ALL EXTERIOR SIDES OF UNIT. ANY VISIBLE DAMAGE	Design:	**No**	Actual:	**No**
SPEED CONTROL VOLTAGE	Design:	**65**	Actual:	**N/A**

Fan 4 - EA1-D.250-15D (HMUA1) (HMUA1)

Model: EA1-D.250-15D

Other Notes:

N/A



Supply

Supply CFM: Design = 1630 Actual = 1659 (101.8% of design)

VOLTS	Design:	**208**	Actual:	**211**
Is the main transformer (TR-01) tapped for the correct voltage?			Actual:	**Yes**
HP	Design:	**1.5**	Actual:	**1.5**
HUB SET SCREW TIGHT	Design:	**Yes**	Actual:	**Yes**
FAN LEVEL	Design:	**Yes**	Actual:	**Yes**
ROTATION	Design:	**Correct**	Actual:	**Correct**
FAN VIBRATION	Design:	**Good**	Actual:	**Good**
RPM - DESIGN	Design:	**1740**	Actual:	**1449**
RPM - MAX	Design:	**3000**	Actual:	**N/A**
RPM - MAX RECOMMENDED	Design:	**2400**	Actual:	**N/A**
FLA	Design:	**4.4**	Actual:	**3**
OVERLOAD SET POINT		**N/A**		
PHASE	Design:	**3**	Actual:	**3**
DAMPER INSTALLED	Design:	**Yes**	Actual:	**Yes**
Unit within five miles from the coast?			Actual:	**No**
INSPECT ALL EXTERIOR SIDES OF UNIT. ANY VISIBLE DAMAGE			Actual:	**No**
Record the VFD HZ	Design:	**59.7 Hz**	Actual:	**49.7**
MCA	Design:	**5.5 Amps**	Actual:	**6.7**
MOCP	Design:	**15 Amps**	Actual:	**15**
Is Supply Fan bolted/secured to curb?	Design:	**Yes**	Actual:	**Yes**

Heater

Gas Heater

GAS TYPE	Design:	**Natural**	Actual:	**Natural**
INLET GAS PRESSURE	Design:	**7**	Actual:	**7.5**
FREEZE STAT TEMPERATURE	Design:	**35**	Actual:	**35**
FREEZE STAT TIMER	Design:	**10**	Actual:	**10**
SPACE SET POINT	Design:	**N/A**	Actual:	**N/A**
INTAKE SET POINT	Design:	**45**	Actual:	**50**
DISCHARGE SET POINT	Design:	**55**	Actual:	**60**
HIGH LIMIT SET POINT			Actual:	**170**

Direct Fired Heater

Housing Size: 1 **Burner Profile Pressure:** 0.0"

PILOT FLAME SIGNAL	Design:	**12**	Actual:	**14**
TEMP RISE	Design:	**63**	Actual:	**63**
HIGH FIRE MANIFOLD GAS PRESSURE	Design:	**0.4**	Actual:	**0.4**
HIGH FIRE INLET PRESSURE			Actual:	**7.5**
HIGH FIRE FLAME SIGNAL	Design:	**12**	Actual:	**14**
BURNER DIFFERENTIAL PRESSURE	Design:	**0.3**	Actual:	**0.32**
LOW MANIFOLD GAS PRESSURE			Actual:	**-0.3**
MODULATION TIME	Design:	**4**	Actual:	**1**
LOW FIRE FLAME SIGNAL	Design:	**12**	Actual:	**14**

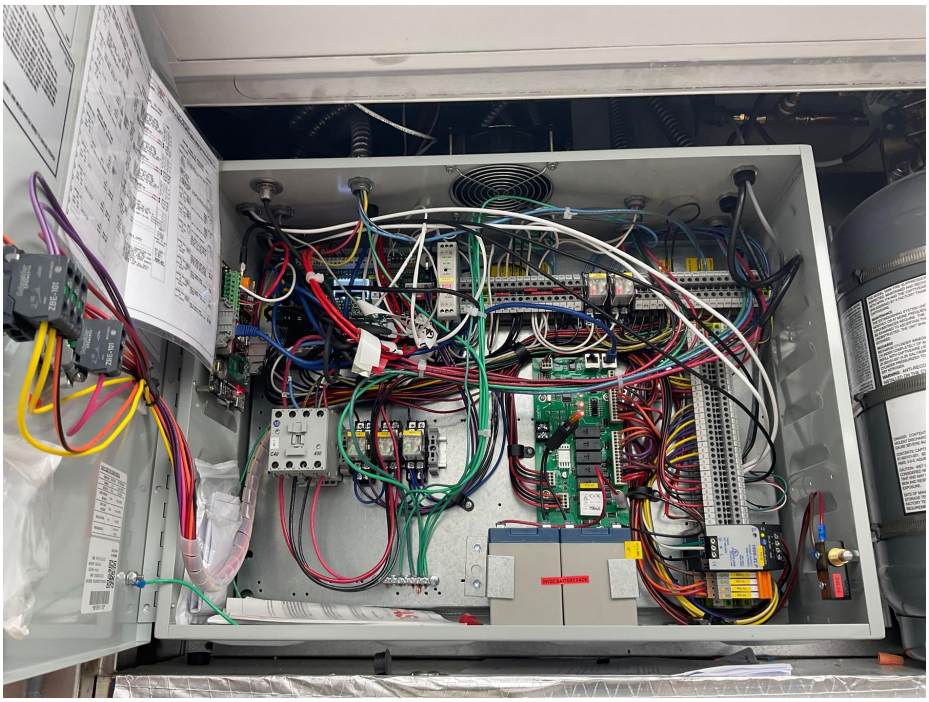
ECPs

ECP 1 - SC-E013022MA (ECP1) (ECP1)

Package #: SC-E013022MA

Other Notes:

N/A



Smart Control

GAS VALVE RESET WORKS	Design:	**Yes**	Actual:	**Yes**
ROOM TEMPERATURE OFFSET	Design:	**18**	Actual:	**18**
HOW MANY FAN ZONES ARE THERE	Design:	**2**	Actual:	**2**
HYSTERESIS TEMPERATURE			Actual:	**2**
Room Sensor Type			Actual:	**Preset**
What is Preset temperature set to?			Actual:	**75**

ALL TEMP SENSORS ARE WIRED IN	Design:	**Yes**	Actual:	**Yes**
Do any of the light circuits exceed 1400W?	Design:	**No**	Actual:	**No**
ALL LIGHTS WORK	Design:	**Yes**	Actual:	**Yes**
ALL FAULTS CLEARED	Design:	**Yes**	Actual:	**Yes**
ECPM03 HARDWARE REVISION	Design:	**04**	Actual:	**04**
ECPM03 PROGRAM VERSION	Design:	**2.16.01**	Actual:	**2.16**
CASHMI HARDWARE REVISION	Design:	**03**	Actual:	**03**
CASHMI PROGRAM VERSION	Design:	**2.16.01**	Actual:	**2.16**
ECPM03 DATE AND TIME ACCURATE	Design:	**Yes**	Actual:	**Yes**

BMS & Monitoring

BMS TYPE	Design:	**CASLink**	Actual:	**CASLink**
CASLINK COMMUNICATION TYPE	Design:	**Cellular**	Actual:	**Cellular**
Cellular status is Active Online?	Design:	**Yes**	Actual:	**Yes**
CASLink Registration Wizard was completed?	Design:	**Yes**	Actual:	**Yes**
CASLink Module has a current heartbeat?	Design:	**Yes**	Actual:	**Yes**
All devices connected to the SCADA are reporting live data?	Design:	**Yes**	Actual:	**Yes**
Devices were assigned to an area and named appropriately?	Design:	**Yes**	Actual:	**Yes**

Sensors

T2

SENSOR TYPE	Design:	**Duct Stat**	Actual:	**Duct Stat**
SENSOR LOCATION	Design:	**H1CV1**	Actual:	**h1cv1**
FAN NUMBER	Design:	**1**	Actual:	**1**

T3

SENSOR TYPE	Design:	**Duct Stat**	Actual:	**Duct Stat**
SENSOR LOCATION	Design:	**H3CV1**	Actual:	**h3cv1**
FAN NUMBER	Design:	**3**	Actual:	**3**

T4

SENSOR TYPE	Design:	**Duct Stat**	Actual:	**Duct Stat**
SENSOR LOCATION	Design:	**N/A**	Actual:	**oven vent**
FAN NUMBER	Design:	**2**	Actual:	**2**

VFDs

VFD 1

DESIGN CFM	Design:	**1630**	Actual:	**N/A**
FAN DIRECTION	Design:	**Forward**	Actual:	**Forward**

DCV VFD

SUPPLY FAN # ASSIGNED	Design:	**4**	Actual:	**4**
OVERLOAD = P108	Design:	**73**	Actual:	**73**
MAX HZ	Design:	**59.7**	Actual:	**49.7**
ALL FAULTS CLEARED = P197	Design:	**Yes**	Actual:	**Yes**
P508			Actual:	**3**
LOAD IN SEPARATE CONDUIT.	Design:	**Yes**	Actual:	**Yes**

TANK

TANK ECP 1 (ECP1)

Location : Hood #1 3650ELPX-2: Fire Cabinet Wall Mounted [4.0/4.0/4.0]

Building Alarm Tied In	Design:	**Yes**	Actual:	**No**
Trouble Relay Tied In	Design:	**Yes**	Actual:	**No**
TANK Board Version	Design:	**2.3**	Actual:	**2.3**
TANK Board Updated to latest Software Version			Actual:	**Yes**
TANK Board Software Version	Design:	**1.69**	Actual:	**1.69**
Internet Connection Type		**N/A**		

TANK Fire Suppression 1 (fs1)

Location : Hood #1 - Utility Cabinet Wall Mount

Electrician

TANK Control Panel Wired	Design:	**Yes**	Actual:	**Yes**
UDS Appliance Kill Switch (if equipped) Wired		**N/A**		
Wall Mounted COPRE Wired to Control Panel	Design:	**Yes**	Actual:	**Yes**
Verify Power Supply is 27.5VDC			Actual:	**Yes**

Fire System Contractor w/CAS Supervision

Verify kitchen line up with drawings in NOLA?			Actual:	**Correct**
Actuator is in Shipped position with shipping plates mounted upon arrival? Upload Picture.	Design:	**Yes**	Actual:	**Yes**

Other Notes:

N/A

Gas Valve Wired (In Conduit)	Design:	**Yes**	Actual:	**Yes**
Are all overlapping nozzles within 35-50" of cooking surface?	Design:	**Yes**	Actual:	**Yes**
Nozzles Within 15" From Front/Back of Hazard Zone	Design:	**Yes**	Actual:	**Yes**
Verify overlapping nozzles are located at centerline of the 30" hazard zone (front to back) same height, aimed straight down?	Design:	**Yes**	Actual:	**Yes**
Is there a Salamander or Upright Broiler Present?	Design:	**Yes**	Actual:	**No**
Does the depth of any appliance cooking surface exceed the listed size in the Appliance Coverage Detail chart?	Design:	**No**	Actual:	**No**
All dedicated appliances, duct and plenum are utilizing TANK appliance nozzles (3070-3/8H-10-SS)?	Design:	**Yes**	Actual:	**Yes**
Is end plenum nozzle installed 0-6" into plenum (From end of hood/hazard to center of nozzle)?	Design:	**Yes**	Actual:	**Yes**
Are TANK appliance nozzles spaced no more than 12"(From end of Hazard zone to center of first nozzle and end of hazard zone to center of last nozzle)?	Design:	**Yes**	Actual:	**Yes**
Did the appliance lineup change from the original design?	Design:	**No**	Actual:	**No**
Did the fire system appliance drops change from the original design?	Design:	**No**	Actual:	**No**
Does Fire System cover a Wok?			Actual:	**No**

Does dedicated TANK appliance nozzle piping exceed maximum pipe length of 10 ft?	Design:	**No**	Actual:	**No**
Does plenum branch piping exceed maximum pipe length of 3ft?	Design:	**No**	Actual:	**No**
Does the Supply line piping to first overlapping nozzle exceed 42 ft?	Design:	**No**	Actual:	**No**
Is Back-shelf a minimum of 18" Vertically off Appliance		**N/A**		
Back-shelf Overhang less than 12"		**N/A**		
No appliance drop has more than 2 nozzles?	Design:	**True**	Actual:	**True**
Is all piping except appliance drops 3/8" Blackiron, Chrome plated, Stainless Steel or 1/2" Copper?	Design:	**Yes**	Actual:	**Yes**
Is all appliance drop piping 3/8" polished stainless steel or polished chrome-plated black iron?			Actual:	**Yes**
Are there any fryers?			Actual:	**Yes**
How many fryers are there?			Actual:	**2**
Enter Width of Fryer 1:			Actual:	**14**
Enter Width of Fryer 2:			Actual:	**14**
Are there any Tilt Skillets?			Actual:	**No**
Is Manual Activation Device Wired into a Fire Loop (Must be 4 wire, in conduit)? Upload a picture of wiring connection of manual activation device.	Design:	**Yes**	Actual:	**Yes**

Other Notes:

N/A

MAD Installed 10'-20' from Hood at a Point of Egress and 42"-48" AFF	Design:	**Yes**	Actual:	**Yes**
Extra Fire Stat Added		**N/A**		
Fire stats are wired in a fire loop with 842 degree high temp wire when ran on top of hoods		**N/A**		
CAS Service Supervised, Assisted or Wired All Supervised Loop Connections			Actual:	**Supervised**
Ensure each FS Nozzle match actual Fire system drawings?	Design:	**Yes**	Actual:	**Yes**

CAS Service

Verify the correct Fire Stat is installed?			Actual:	**360**
Have all shipping covers been removed from fire stats	Design:	**Yes**	Actual:	**Yes**
System Activates on 120V power only	Design:	**Yes**	Actual:	**Yes**
Test System. Ensure balloons are installed on all nozzles before activating system.			Actual:	**Ok**
Activate system by Manual Activation device. Did system activate and all balloons fill and/or hold pressure properly?	Design:	**Yes**	Actual:	**Yes**
Activate system by all Fire Stats. Did system activate and all balloons fill and/or hold pressure properly?	Design:	**Yes**	Actual:	**Yes**
Activate system on Battery Backup (Remove CORE board power and place system in Test Mode). Did system activate properly?	Design:	**Yes**	Actual:	**Yes**
Did the Audible Alarm Sound during each Test of the system?	Design:	**Yes**	Actual:	**Yes**
Gas Valve is Functioning Properly	Design:	**Yes**	Actual:	**Yes**
Battery Date Code (The actual date FST wrote on batteries with paint pen during SDV)			Actual:	**11/16/2023 5:00:00 AM**
Verify the correct amount of TANK appliance nozzles cover the cross-sectional Perimeter or Diameter of the Duct Riser? (If 0 - 75" perimeter equals 1 nozzles, 75 - 150" 2 nozzles, above 150" 3 nozzles)	Design:	**Yes**	Actual:	**Yes**
Is the system commissioned with the actuator bolted onto the TANK Fire Suppression system tank? Upload Picture.	Design:	**Yes**	Actual:	**No**

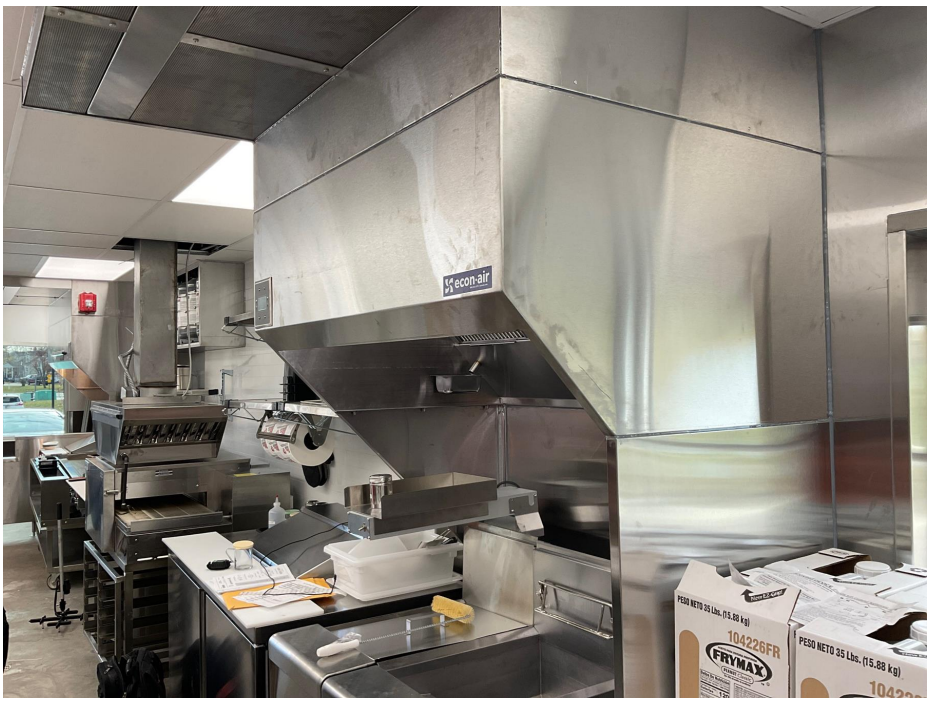
Other Notes:

N/A

Is pressure switch installed and functioning properly?	Design:	**Yes**	Actual:	**Yes**
Monitor the presssure gauge on the PAK. The pressure must not read above 0.5 psi for a minimum of 15 minutes.	Design:	**N/A**	Actual:	**Complete**
CAUTION!: If pressure reads above 0.5 psi, immediately remove the primary actuator hose from the primary tank			Actual:	**Ok**
Is appliance specific protection piped with adequate protection? Upload picture.	Design:	**Yes**	Actual:	**Yes**

Other Notes:

N/A



Use coil liquid leak detector around PAK and braided hose to check for leaks. Are there any leaks present?	Design:	**No**	Actual:	**No**
Do TANK bottles have 200 PSI with gauges functioning properly? Upload picture	Design:	**Yes**	Actual:	**Yes**

Other Notes:

N/A

Do all nozzles have metal caps?	Design:	**Yes**	Actual:	**Yes**
Verify Nozzle Flow Points/Tank Capabilities. Does Nozzles FP exceed Tank Capacity?	Design:	**No**	Actual:	**No**
Take a photo of Fire System Tag			Actual:	**Ok**

Other Notes:

System not yet finaled

Vent plug installed on wall mount FS distribution piping (in between tanks, aimed at door)?	Design:	**Yes**	Actual:	**Yes**
Tanks installed securely with straps and mounting hardware?	Design:	**Yes**	Actual:	**Yes**
After inspection of system, lubricate and change O-ring of primary actuator hose (p/n 19020).	Design:	**Replaced**	Actual:	**Not Replaced**

Other Notes:

New no lose fitting

All Faults Are Cleared	Design:	**Yes**	Actual:	**Yes**
Are DIP switches set correctly according to number of Fire Groups?	Design:	**Yes**	Actual:	**Yes**

Is TANK system located/mounted in a climate-controlled area?	Design:	**Yes**	Actual:	**Yes**

PCU Installations

NONE

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NONE