SDV Job #: 6868552 - Shindig Rev3 (INDY)

Service Region:	335 - Indiana Service		
Service Person:	Jesse Moss		
Customer Number:	606795	**Customer Name:**	Region 120 - Air Solutions
Address:	SHINDIG 1351 Roosevelt Avenue Indianapolis, IN 46202		
Region Job #:	6742606		
Region Job Name:	Shindig Rev3 (INDY)		
Sales Region:	120 - Air Solutions		
Sales Person:	Joe Hertenstein		
Created By:	Jesse Moss	**Creation Date:**	10/14/2024 9:44 AM
Last Modified By:	Jesse Moss	**Last Modified Date:**	10/15/2024 9:36 AM
Dining Room Pressure:	0	**Kitchen Pressure:**	0
Hours On Job:	0	**Extra Hours:**	0
Completed:	Yes	**Completed By:**	Jesse Moss
Completion Date:	10/15/2024 9:36 AM		

Job Site Meeting

NONE

Hood Group 1

Exhaust CFM: Design = 3520 Initial = 3657 Final = 3657
(103.90000000000001% of design)

Supply CFM: Design = 2900 Initial = 2911 Final = 2911
(100.40000000000001% of design)

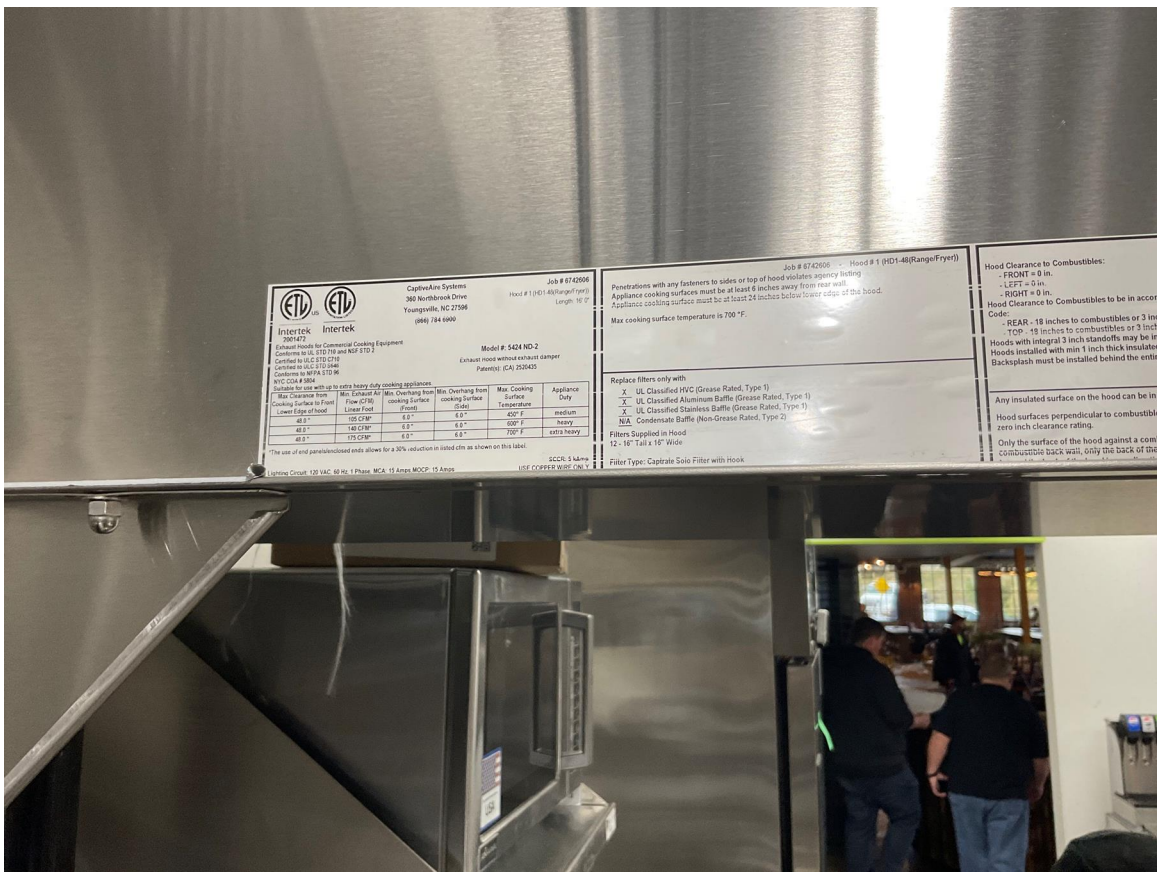
Hood 1 (HD1-48(Range/Fryer)) (HD1-48(Range/Fryer))

Model: 5424ND-2-PSP-F **Length:** 16' 0"

Exhaust CFM: Design = 3520 Initial = 3657 Final = 3657
(103.90000000000001% 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:	**No**
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**
Measure the Front lower edge of the Hood to the Floor. (AFF)	Design:	**80**	Actual:	**80**
Is there insulation on Top of the Hood?	Design:	**Yes**	Actual:	**No**
Are there combustibles within 18" of the Hood?			Actual:	**No**

Filters

Type: Captrate Solo

Filter 1	Size: 16x16	Initial Velocity: 219 fpm	Final Velocity: 219 fpm
Initial CFM: 334	Final CFM: 334	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 2	Size: 16x16	Initial Velocity: 212 fpm	Final Velocity: 212 fpm
Initial CFM: 323	Final CFM: 323	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 3	Size: 16x16	Initial Velocity: 213 fpm	Final Velocity: 213 fpm
Initial CFM: 325	Final CFM: 325	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 4	Size: 16x16	Initial Velocity: 213 fpm	Final Velocity: 213 fpm
Initial CFM: 325	Final CFM: 325	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 5	Size: 16x16	Initial Velocity: 198 fpm	Final Velocity: 198 fpm
Initial CFM: 302	Final CFM: 302	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 6	Size: 16x16	Initial Velocity: 196 fpm	Final Velocity: 196 fpm
Initial CFM: 299	Final CFM: 299	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 7	Size: 16x16	Initial Velocity: 173 fpm	Final Velocity: 173 fpm
Initial CFM: 264	Final CFM: 264	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 8	Size: 16x16	Initial Velocity: 183 fpm	Final Velocity: 183 fpm
Initial CFM: 279	Final CFM: 279	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 9	Size: 16x16	Initial Velocity: 202 fpm	Final Velocity: 202 fpm
Initial CFM: 308	Final CFM: 308	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 10	Size: 16x16	Initial Velocity: 195 fpm	Final Velocity: 195 fpm
Initial CFM: 297	Final CFM: 297	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 11	Size: 16x16	Initial Velocity: 198 fpm	Final Velocity: 198 fpm
Initial CFM: 302	Final CFM: 302	Fan: #1 - DU240HFA (KEF1-FryRange)	
Filter 12	Size: 16x16	Initial Velocity: 196 fpm	Final Velocity: 196 fpm
Initial CFM: 299	Final CFM: 299	Fan: #1 - DU240HFA (KEF1-FryRange)	

Supply

Supply CFM: Design = 2900 Initial = 2911 Actual = 2911
(100.40000000000001% of design) Fan: Other

PSP 1

Orientation: Front **Length:** 18' 0" **Width:** 14"
Banks: 2 **Blanks:** 2
CFM: Design = 2900 Initial = 2911 Final = 2911
(0% of design)
Velocity: Design = 158 Initial = 0 Final = 0
(0% of design)

Readings:

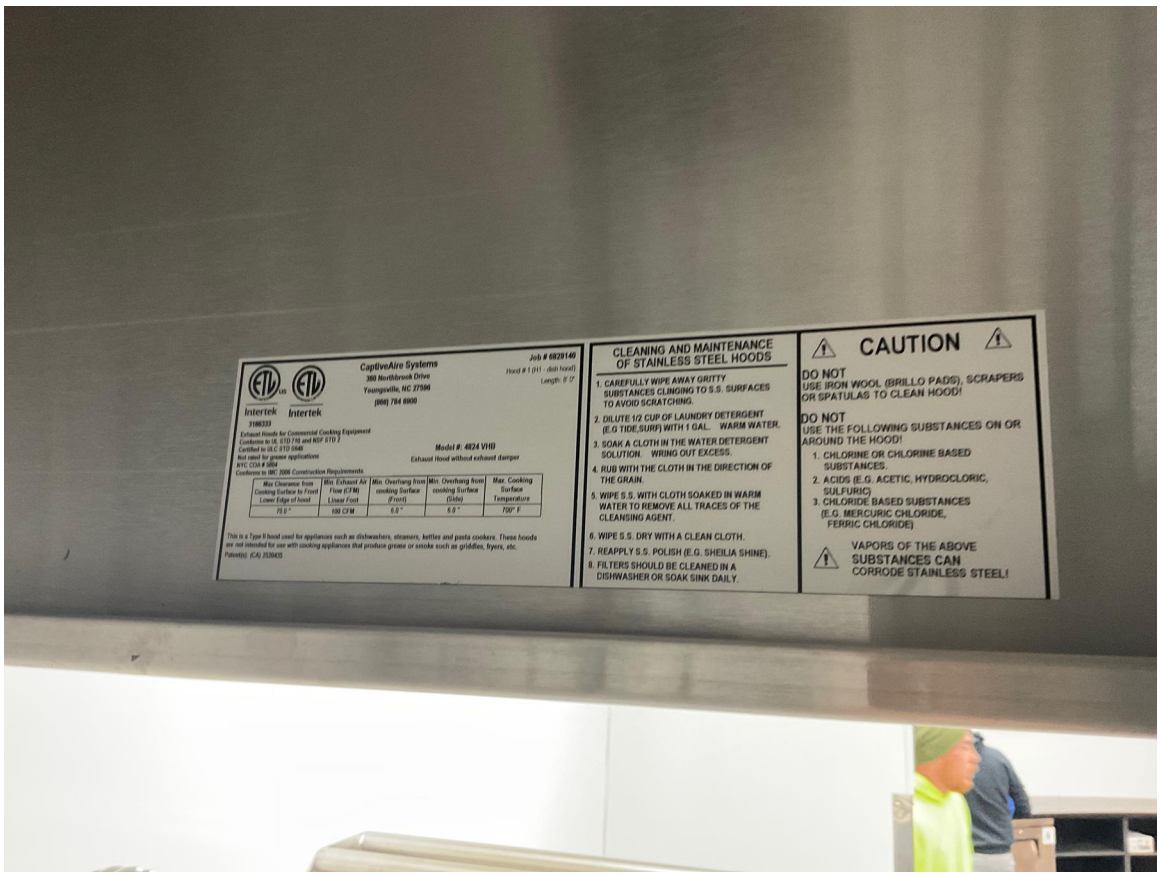
1: Initial: 197 fpm, Final: 197 fpm	2: Initial: 158 fpm, Final: 158 fpm
3: Initial: 154 fpm, Final: 154 fpm	4: Initial: 129 fpm, Final: 129 fpm
5: Initial: 176 fpm, Final: 176 fpm	6: Initial: 169 fpm, Final: 169 fpm
7: Initial: 160 fpm, Final: 160 fpm	8: Initial: 177 fpm, Final: 177 fpm
9: Initial: 131 fpm, Final: 131 fpm	10: Initial: 158 fpm, Final: 158 fpm
11: Initial: 147 fpm, Final: 147 fpm	12: Initial: 115 fpm, Final: 115 fpm
13: Initial: 141 fpm, Final: 141 fpm	14: Initial: 115 fpm, Final: 115 fpm
15: Initial: 133 fpm, Final: 133 fpm	16: Initial: 111 fpm, Final: 111 fpm
17: Initial: 121 fpm, Final: 121 fpm	18: Initial: 134 fpm, Final: 134 fpm
19: Initial: 112 fpm, Final: 112 fpm	20: Initial: 141 fpm, Final: 141 fpm

Hood 4 (MISC-HD2 & DISH) (MISC-HD2 & DISH)

Model: MISC-OPTIONS **Length:** 8' 0"
Exhaust CFM: Design = 0 Initial = 0 Final = 0 (0% 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		**N/A**		
Measure the Front lower edge of the Hood to the Floor. (AFF)	Design:	**80**	Actual:	**80**
Is there insulation on Top of the Hood?	Design:	**Yes**	Actual:	**No**
Are there combustibles within 18" of the Hood?			Actual:	**No**

Hood Group 4

Exhaust CFM: Design = 0 Initial = 0 Final = 0 (0% of design)
Supply CFM: Design = 875 Initial = 846 Final = 846 (96.70000000000003% of design)

Hood 2 (OVN-PSP1) (OVN-PSP1)

Model: 146MISC-PSP **Length:** 5' 8"
Exhaust CFM: Design = 0 Initial = 0 Final = 0 (0% 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:	**No**
COOKING EQUIPMENT INSTALLED AS CLOSE TO BACK WALL AS POSSIBLE	Design:	**Yes**	Actual:	**Yes**
Smoke Test Performed on all Hoods? Upload Video		**N/A**		
Measure the Front lower edge of the Hood to the Floor. (AFF)	Design:	**80**	Actual:	**80**
Is there insulation on Top of the Hood?	Design:	**Yes**	Actual:	**No**
Are there combustibles within 18" of the Hood?			Actual:	**No**

Supply

Supply CFM: Design = 875 Initial = 846 Actual = 846
(96.700000000000003% of design) Fan: Other

PSP 1

Orientation:	Front		**Length:**	5' 8"	**Width:** 14"
Banks: 1	**Blanks:** 1				
CFM: (0% of design)	Design = 874	Initial = 846		Final = 846	
Velocity: (0% of design)	Design = 156	Initial = 0		Final = 0	

Readings:

1: Initial: 135 fpm, Final: 135 fpm
2: Initial: 133 fpm, Final: 133 fpm
3: Initial: 128 fpm, Final: 128 fpm
4: Initial: 151 fpm, Final: 151 fpm
5: Initial: 129 fpm, Final: 129 fpm
6: Initial: 140 fpm, Final: 140 fpm

Hood Group 5

Exhaust CFM:	Design = 0	Initial = 0	Final = 0	(0% of design)
Supply CFM:	Design = 1000	Initial = 1127	Final = 1127	(112.7% of design)

Hood 3 (OVN-PSP2) (OVN-PSP2)

Model:	146MISC-PSP	**Length:**	6' 10"	
Exhaust CFM:	Design = 0	Initial = 0	Final = 0	(0% 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:	**No**
COOKING EQUIPMENT INSTALLED AS CLOSE TO BACK WALL AS POSSIBLE	Design:	**Yes**	Actual:	**Yes**
Smoke Test Performed on all Hoods? Upload Video		**N/A**		
Measure the Front lower edge of the Hood to the Floor. (AFF)	Design:	**80**	Actual:	**80**
Is there insulation on Top of the Hood?	Design:	**Yes**	Actual:	**No**
Are there combustibles within 18" of the Hood?			Actual:	**No**

Supply

Supply CFM: Design = 1000 Initial = 1127 Actual = 1127
(112.7% of design) Fan: Other

PSP 1

Orientation:	Front		**Length:**	6' 10"	**Width:** 14"
Banks: 1	**Blanks:** 1				
CFM: (0% of design)	Design = 1000	Initial = 1127		Final = 1127	
Velocity: (0% of design)	Design = 147	Initial = 0		Final = 0	

Readings:

1: Initial: 160 fpm, Final: 160 fpm
2: Initial: 136 fpm, Final: 136 fpm
3: Initial: 127 fpm, Final: 127 fpm
4: Initial: 166 fpm, Final: 166 fpm
5: Initial: 142 fpm, Final: 142 fpm
6: Initial: 143 fpm, Final: 143 fpm
7: Initial: 149 fpm, Final: 149 fpm
8: Initial: 166 fpm, Final: 166 fpm

Fans

Fan 1 - DU240HFA (KEF1-FryRange) (KEF1-FryRange)

Model: DU240HFA

Other Notes:

N/A

Exhaust

Exhaust CFM: Design = 3520 Actual = 3657 (104% of design)

Record the VFD HZ	Design:	**45.2 Hz**	Actual:	**45.2**
VOLTS	Design:	**208**	Actual:	**217**
Do all legs measure the same phase to phase and phase to ground voltage? If not, include notes with all phase to phase and phase to ground voltages.	Design:	**Yes**	Actual:	**Yes**
HP	Design:	**3**	Actual:	**3**
HUB SET SCREW TIGHT	Design:	**Yes**	Actual:	**Yes**
FAN LEVEL	Design:	**Yes**	Actual:	**Yes**
ROTATION	Design:	**Correct**	Actual:	**Correct**
UNIT VIBRATION	Design:	**Good**	Actual:	**Good**
FLA	Design:	**9.7**	Actual:	**7.3**
OVERLOAD SET POINT	Design:	**9.7**	Actual:	**9.7**
PHASE	Design:	**3**	Actual:	**3**
Unit within five miles from the coast?			Actual:	**No**
INSPECT ALL EXTERIOR SIDES OF UNIT. ANY VISIBLE DAMAGE	Design:	**No**	Actual:	**No**
Record the VFD HZ	Design:	**45.2 Hz**	Actual:	**45.2**
RPM - DESIGN	Design:	**886**	Actual:	**885**
RPM - MAX	Design:	**1350**	Actual:	**N/A**
RPM - MAX RECOMMENDED	Design:	**1150**	Actual:	**N/A**

Fan 2 - DU180HFA (KEF2-ExistPrep) (KEF2-ExistPrep)

Model: DU180HFA

Other Notes:

N/A

Exhaust

Exhaust CFM: Design = 1700 Actual = 1780 (105% of design)

Record the VFD HZ	Design:	**48.4 Hz**	Actual:	**48.4**
VOLTS	Design:	**208**	Actual:	**217**
Do all legs measure the same phase to phase and phase to ground voltage? If not, include notes with all phase to phase and phase to ground voltages.	Design:	**Yes**	Actual:	**Yes**
HP	Design:	**1**	Actual:	**1**
HUB SET SCREW TIGHT	Design:	**Yes**	Actual:	**Yes**
FAN LEVEL	Design:	**Yes**	Actual:	**Yes**
ROTATION	Design:	**Correct**	Actual:	**Correct**
UNIT VIBRATION	Design:	**Good**	Actual:	**Good**
FLA	Design:	**3.8**	Actual:	**3.1**
OVERLOAD SET POINT	Design:	**3.8**	Actual:	**3.8**
PHASE	Design:	**3**	Actual:	**3**
Unit within five miles from the coast?			Actual:	**No**
INSPECT ALL EXTERIOR SIDES OF UNIT. ANY VISIBLE DAMAGE	Design:	**No**	Actual:	**No**
Record the VFD HZ	Design:	**48.4 Hz**	Actual:	**48.4**
RPM - DESIGN	Design:	**927**	Actual:	**927**
RPM - MAX	Design:	**1800**	Actual:	**N/A**
RPM - MAX RECOMMENDED	Design:	**1500**	Actual:	**N/A**

Fan 3 - DU180HFA (KEF3-Pizza) (KEF3-Pizza)

Model: DU180HFA

Other Notes:

N/A

Exhaust

Exhaust CFM: Design = 2100 Actual = 1 (0% of design)

Other Notes:

No access to check airflow readings for pizza oven hood.

Record the VFD HZ	Design:	**31.9 Hz**	Actual:	**31.9**
VOLTS	Design:	**208**	Actual:	**217**
Do all legs measure the same phase to phase and phase to ground voltage? If not, include notes with all phase to phase and phase to ground voltages.	Design:	**Yes**	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**
UNIT VIBRATION	Design:	**Good**	Actual:	**Good**
FLA	Design:	**4.4**	Actual:	**3.1**
OVERLOAD SET POINT	Design:	**4.4**	Actual:	**4.4**
PHASE	Design:	**3**	Actual:	**3**
Unit within five miles from the coast?			Actual:	**No**
INSPECT ALL EXTERIOR SIDES OF UNIT. ANY VISIBLE DAMAGE	Design:	**No**	Actual:	**No**
Record the VFD HZ	Design:	**31.9 Hz**	Actual:	**31.9**
RPM - DESIGN	Design:	**929**	Actual:	**930**
RPM - MAX	Design:	**1800**	Actual:	**N/A**
RPM - MAX RECOMMENDED	Design:	**1500**	Actual:	**N/A**

Fan 4 - SIF13DD-SS (KEF4-ExistDish) (KEF4-ExistDish)

Model: SIF13DD-SS

Other Notes:

N/A

Exhaust

Exhaust CFM: Design = 1275 Actual = 1293 (101% of design)

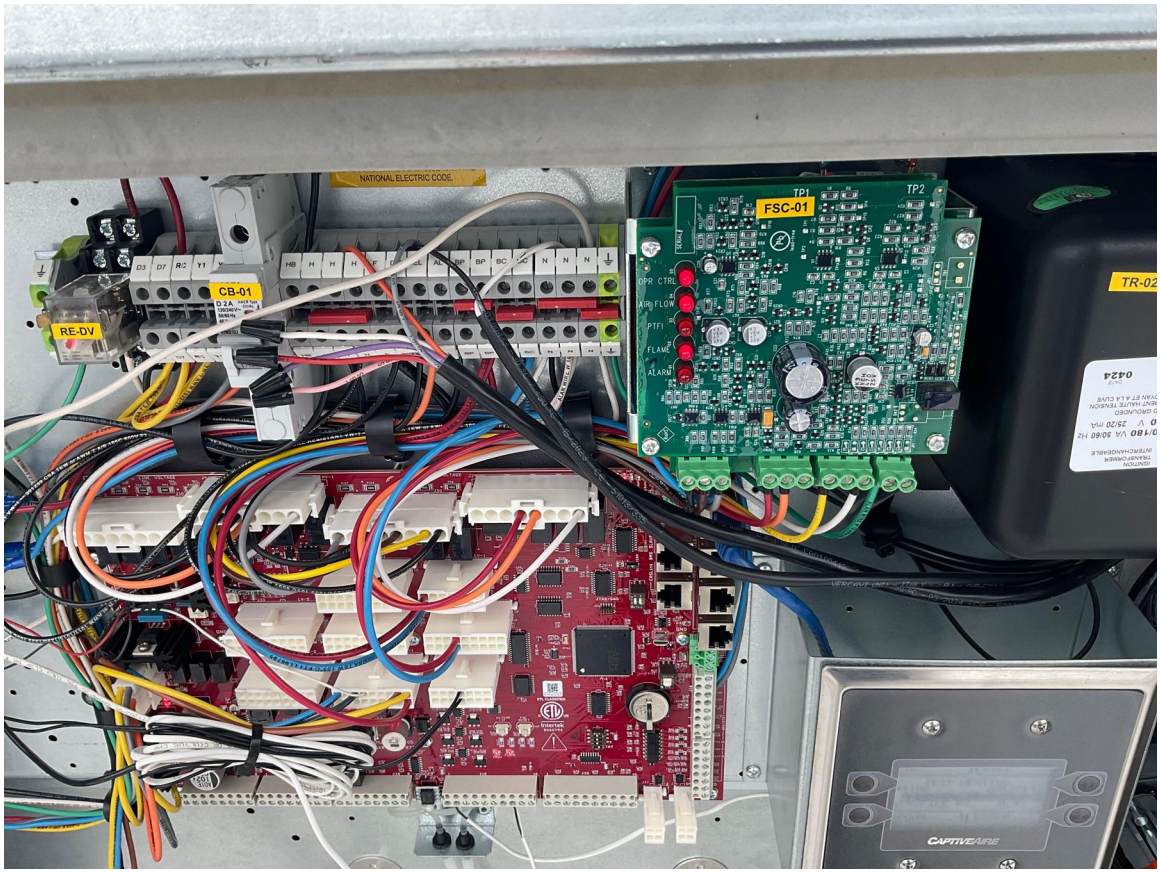
Record the ECM Speed			Actual:	**61**
VOLTS	Design:	**115**	Actual:	**123**
Do all legs measure the same phase to phase and phase to ground voltage? If not, include notes with all phase to phase and phase to ground voltages.	Design:	**Yes**	Actual:	**Yes**
HP	Design:	**1**	Actual:	**1**
HUB SET SCREW TIGHT	Design:	**Yes**	Actual:	**Yes**
FAN LEVEL	Design:	**Yes**	Actual:	**Yes**
ROTATION	Design:	**Correct**	Actual:	**Correct**
UNIT VIBRATION	Design:	**Good**	Actual:	**Good**
FLA	Design:	**11.6**	Actual:	**7.1**
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**
RPM - DESIGN	Design:	**1209**	Actual:	**1098**
RPM - MAX	Design:	**2300**	Actual:	**N/A**
RPM - MAX RECOMMENDED	Design:	**1900**	Actual:	**N/A**

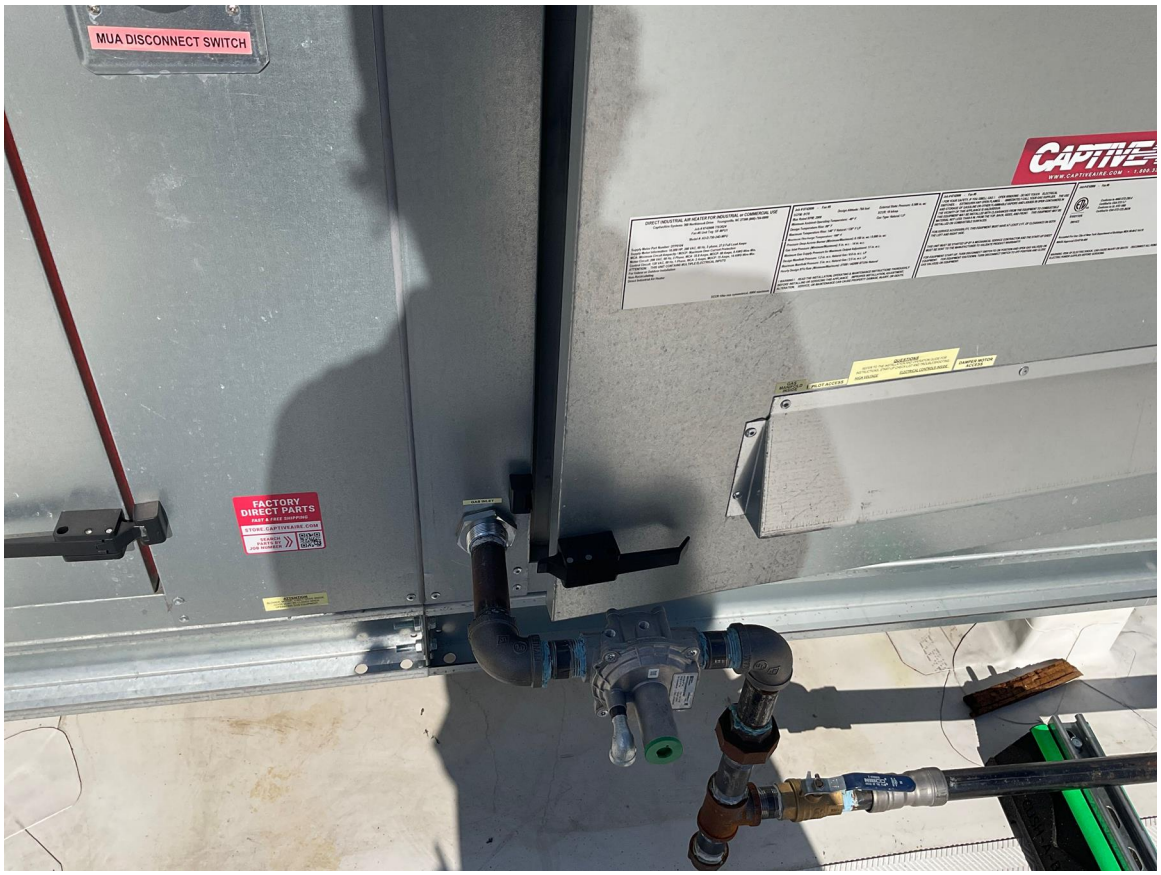
Fan 5 - A3-D.750-24D-MPU (SF-MPU1) (SF-MPU1)

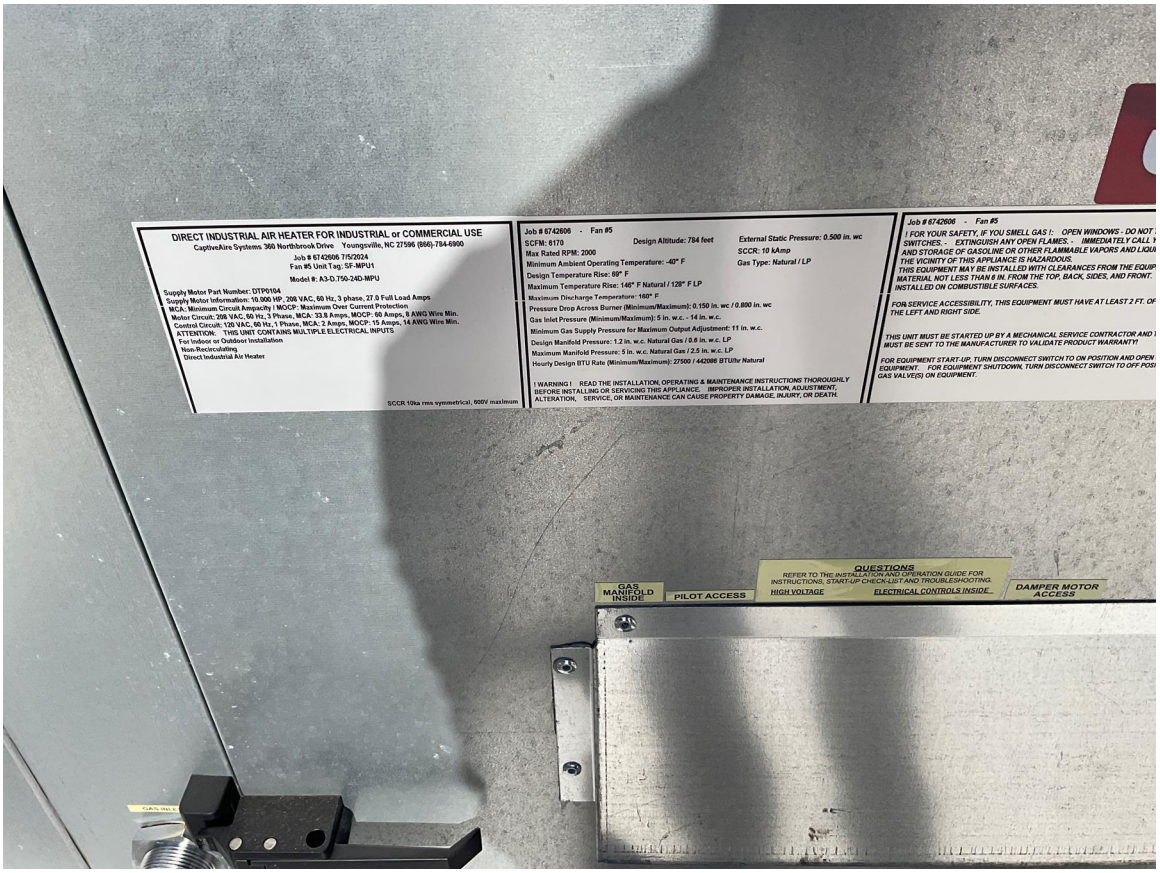
Model: A3-D.750-24D-MPU

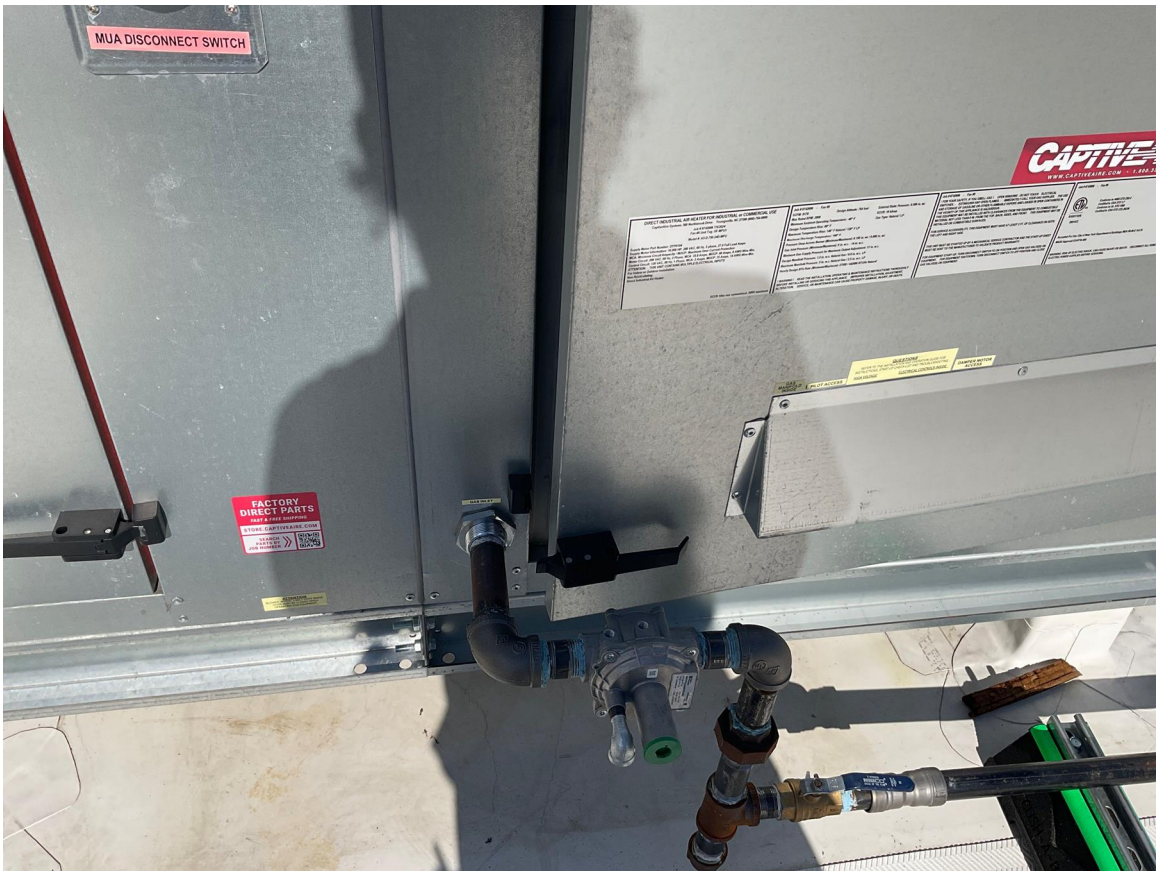
Installation Notes:

Have to take door off to access controls. Plumbing is in the way.


NATIONAL ELECTRIC CODE
FSC-01
TP1
TP2
CB-01
RE-DV
CAPTIVEAIRE


MUA DISCONNECT SWITCH
FACTORY DIRECT PARTS
CAPTIVE





Supply

Supply CFM: Design = 6170 Actual = 6104 (99% of design)

VOLTS Design: **208** Actual: **217**

Is the main transformer (TR-01) tapped for the correct voltage?			Actual:	**Yes**
HP	Design:	**10**	Actual:	**10**
HUB SET SCREW TIGHT	Design:	**Yes**	Actual:	**Yes**
FAN LEVEL	Design:	**Yes**	Actual:	**Yes**
ROTATION	Design:	**Correct**	Actual:	**Correct**
UNIT VIBRATION	Design:	**Good**	Actual:	**Good**
FLA	Design:	**27**	Actual:	**18.2**
OVERLOAD SET POINT	Design:	**27**	Actual:	**27**
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:	**50.8 Hz**	Actual:	**50.8**
RPM - DESIGN	Design:	**1485**	Actual:	**1485**
RPM - MAX	Design:	**1800**	Actual:	**N/A**
RPM - MAX RECOMMENDED	Design:	**1500**	Actual:	**N/A**
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:	**8**
FREEZE STAT TEMPERATURE		**N/A**		
FREEZE STAT TIMER		**N/A**		
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: 3 **Burner Profile Pressure:** 0"

PILOT FLAME SIGNAL	Design:	**12**	Actual:	**15.4**
TEMP RISE	Design:	**69**	Actual:	**71**
HIGH FIRE MANIFOLD GAS PRESSURE	Design:	**1.2**	Actual:	**1**
HIGH FIRE INLET PRESSURE			Actual:	**8**
HIGH FIRE FLAME SIGNAL	Design:	**12**	Actual:	**15.4**
BURNER DIFFERENTIAL PRESSURE	Design:	**0.3**	Actual:	**0.5**
LOW MANIFOLD GAS PRESSURE			Actual:	**-0.5**
MODULATION TIME	Design:	**4**	Actual:	**3**
LOW FIRE FLAME SIGNAL	Design:	**12**	Actual:	**15.4**

Cooling - NOT AVAILABLE!

Other Notes:

Can not do cooling due to temp outside.Bump checked to verify rotation.

TEMP DROP	**N/A**

MPU - NOT AVAILABLE!

CONTROL MODE	**N/A**
THERMOSTAT SET POINT	**N/A**
EACH CONDENSER HAS IT'S OWN BREAKER	**N/A**
CONDENSER-1 VOLTAGE	**N/A**
CONDENSER-2 VOLTAGE	**N/A**

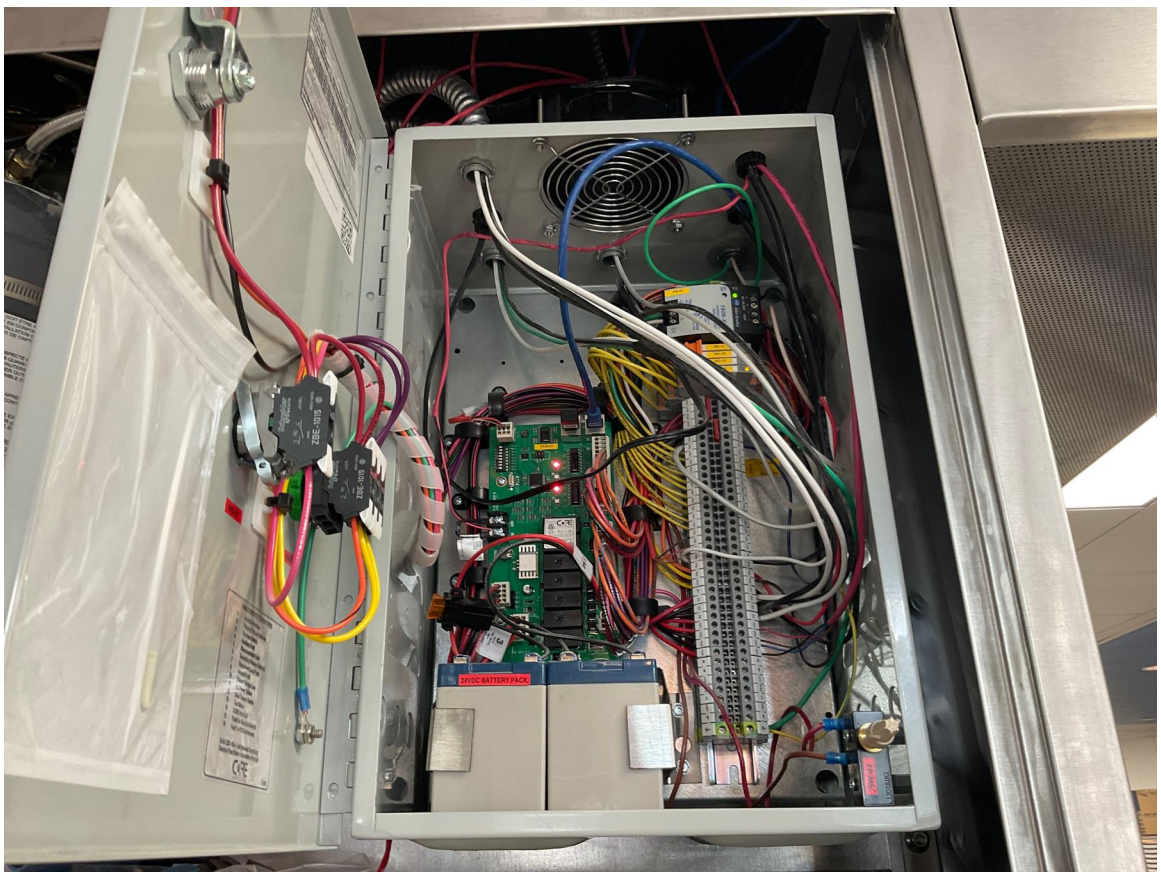
ECPs

ECP 1 - DCV-3111_MA4 (ECP 1) (ECP 1)

Package #: DCV-3111_MA4

Other Notes:

N/A



Smart Control

GAS VALVE RESET WORKS	Design:	**Yes**	Actual:	**Yes**
ROOM TEMPERATURE OFFSET	Design:	**21**	Actual:	**21**
HOW MANY FAN ZONES ARE THERE	Design:	**1**	Actual:	**1**
HYSTERESIS TEMPERATURE			Actual:	**2**
Room Sensor Type	Design:	**RoomSensor**	Actual:	**Room Sensor**
Is room sensor wireless or wired?			Actual:	**Wired**

Is room sensor operating correctly? Upload Picture of installation	Actual:	**Yes**

Other Notes:

N/A

Are there Tempering HMI's?	Design:	**Yes**	Actual:	**No**
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:	**2.16.01**
CASHMI HARDWARE REVISION	Design:	**05**	Actual:	**05**
CASHMI PROGRAM VERSION	Design:	**2.16.01**	Actual:	**2.16.01**
ECPM03 DATE AND TIME ACCURATE	Design:	**Yes**	Actual:	**Yes**

DCV

120V Line Ran from SF1 for MUA(s)	Design:	**Yes**	Actual:	**Yes**

Damper interlock wiring ran to MAU?	Design:	**Yes**	Actual:	**Yes**

BMS & Monitoring

BMS TYPE	Design:	**CASLink**	Actual:	**CASLink**
CASLINK COMMUNICATION TYPE	Design:	**Cellular**	Actual:	**Cellular**

Other Notes:

Site did run Ethernet.

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:	**H1CV2**	Actual:	**H1CV2**
FAN NUMBER	Design:	**1**	Actual:	**1**

T4

SENSOR TYPE	Design:	**Duct Stat**	Actual:	**Duct Stat**

SENSOR LOCATION	Design:	**N/A**	Actual:	**Exist Hood**
FAN NUMBER	Design:	**2**	Actual:	**2**

T5

SENSOR TYPE	Design:	**Duct Stat**	Actual:	**Duct Stat**
SENSOR LOCATION	Design:	**N/A**	Actual:	**Exist Hood**
FAN NUMBER	Design:	**3**	Actual:	**3**

T6

SENSOR TYPE	Design:	**PSP**	Actual:	**PSP**
SENSOR LOCATION	Design:	**Hood 1**	Actual:	**Hood 1**
FAN NUMBER	Design:	**0**	Actual:	**0**

VFDs

VFD 1

DESIGN CFM	Design:	**3520**	Actual:	**N/A**
FAN DIRECTION	Design:	**Forward**	Actual:	**Reverse**
TEMP SENSOR #s ASSIGNED	Design:	**T2, T3**	Actual:	**T2,T3**

DCV VFD

MODULATION RANGE	Design:	**45**	Actual:	**45**
OVERLOAD = P108	Design:	**58**	Actual:	**58**
MIN HZ	Design:	**36.2**	Actual:	**36.2**
MAX HZ	Design:	**45.2**	Actual:	**45.2**
ALL FAULTS CLEARED = P197	Design:	**Yes**	Actual:	**Yes**
P508			Actual:	**7.1**
LOAD IN SEPARATE CONDUIT.	Design:	**Yes**	Actual:	**Yes**

VFD 2

DESIGN CFM	Design:	**1700**	Actual:	**N/A**

FAN DIRECTION	Design:	**Forward**	Actual:	**Forward**
TEMP SENSOR #s ASSIGNED	Design:	**T4**	Actual:	**T4**

DCV VFD

MODULATION RANGE	Design:	**5**	Actual:	**5**
OVERLOAD = P108	Design:	**90**	Actual:	**90**
MIN HZ	Design:	**38.7**	Actual:	**38.7**
MAX HZ	Design:	**48.4**	Actual:	**48.4**
ALL FAULTS CLEARED = P197	Design:	**Yes**	Actual:	**Yes**
P508			Actual:	**3.1**
LOAD IN SEPARATE CONDUIT.	Design:	**Yes**	Actual:	**Yes**

VFD 3

DESIGN CFM	Design:	**2100**	Actual:	**N/A**
FAN DIRECTION	Design:	**Forward**	Actual:	**Reverse**
TEMP SENSOR #s ASSIGNED	Design:	**T5**	Actual:	**T5**

DCV VFD

MODULATION RANGE	Design:	**45**	Actual:	**45**
OVERLOAD = P108	Design:	**73**	Actual:	**73**
MIN HZ	Design:	**25.5**	Actual:	**25.5**
MAX HZ	Design:	**31.9**	Actual:	**31.9**
ALL FAULTS CLEARED = P197	Design:	**Yes**	Actual:	**Yes**
P508			Actual:	**3.1**
LOAD IN SEPARATE CONDUIT.	Design:	**Yes**	Actual:	**Yes**

VFD 4

DESIGN CFM	Design:	**6170**	Actual:	**N/A**
FAN DIRECTION	Design:	**Forward**	Actual:	**Reverse**

DCV VFD

SUPPLY FAN # ASSIGNED	Design:	**5**	Actual:	**5**
OVERLOAD = P108	Design:	**93**	Actual:	**93**
MAX HZ	Design:	**50.8**	Actual:	**50.8**
ALL FAULTS CLEARED = P197	Design:	**Yes**	Actual:	**Yes**
P508			Actual:	**18.2**
LOAD IN SEPARATE CONDUIT.	Design:	**Yes**	Actual:	**Yes**

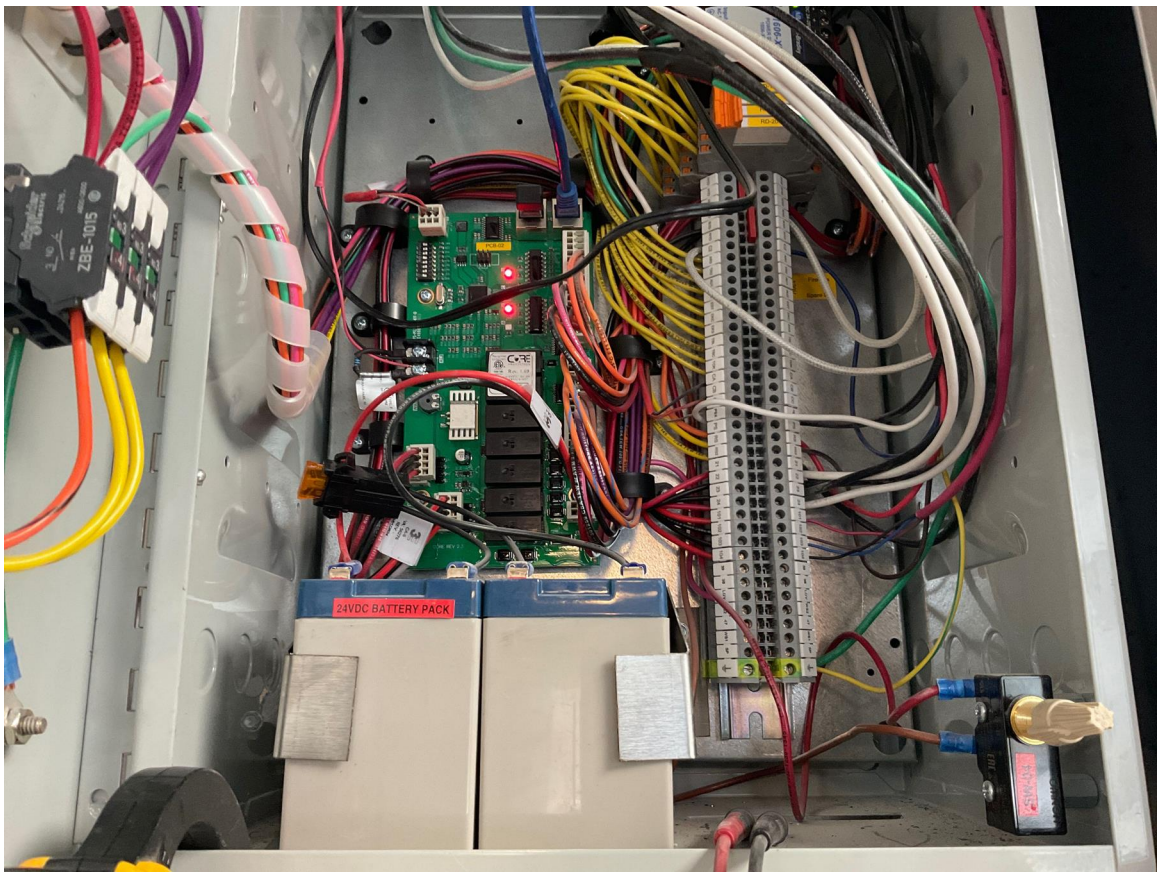
TANK

TANK ECP 1 (ECP 1)

Location : Hood #1 5424ND-2-PSP-F: Utility Cabinet on the Right Side

Other Notes:

N/A

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STANDARD UL 300 & ULC/ORD C-1254.6
ACCEPTED FOR USE BY THE CITY OF
NEW YORK UNDER COA #5870
APPROX WEIGHT 77 LB
1-024
HOOD SYSTEM

Building Alarm Tied In	Design:	**Yes**	Actual:	**Yes**
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			Actual:	**Ethernet**

TANK Fire Suppression 1 (TANK FS)

Location : Hood #1 - Utility Cabinet Left

Electrician

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

Fire System Contractor w/CAS Supervision

Verify kitchen line up with drawings in NOLA?			Actual:	**Correct**

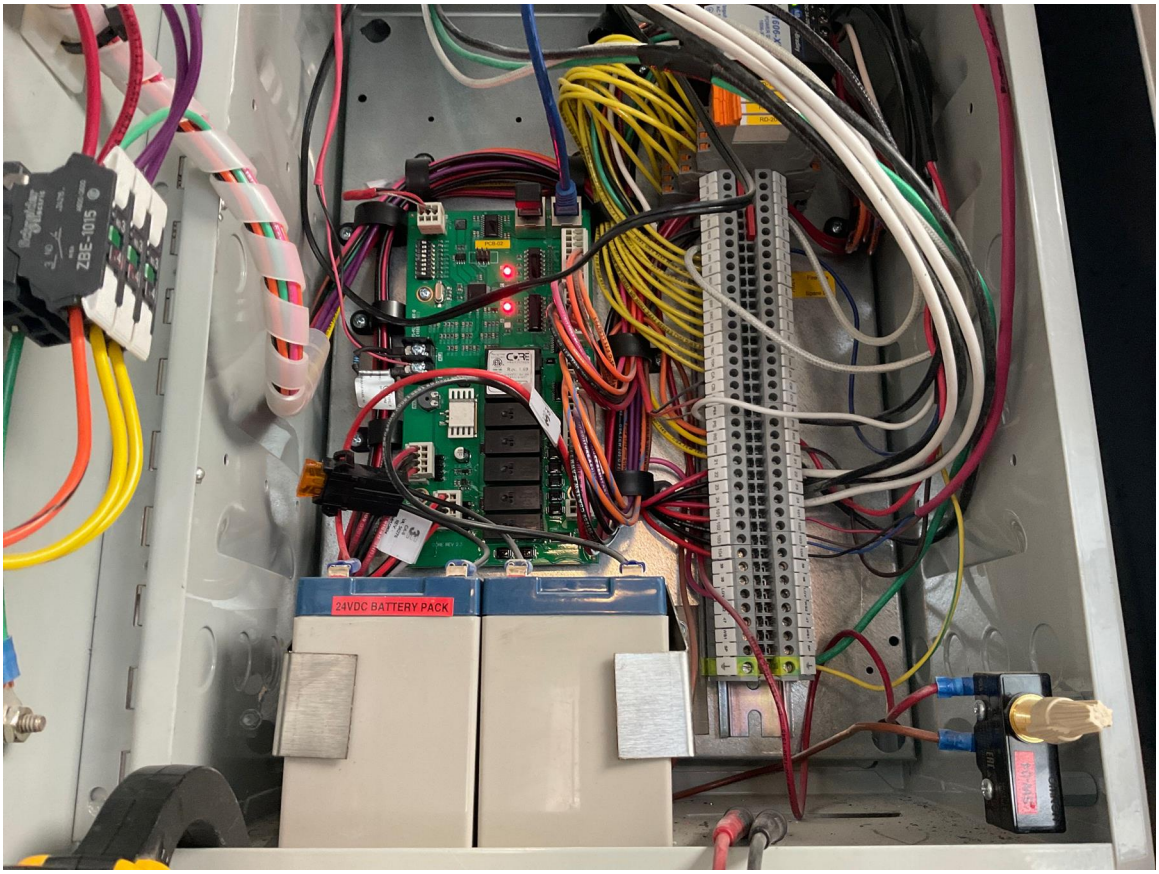
Are all overlapping nozzles within 35-50" of cooking surface?	Design:	**Yes**	Actual:	**Yes**
Nozzles Within 15" From Front/Back of Hazard Zone	Design:	**Yes**	Actual:	**Yes**
Verify overlapping nozzles are located at centerline of the 30" hazard zone (front to back) same height, aimed straight down?	Design:	**Yes**	Actual:	**Yes**
Is there a Salamander or Upright Broiler Present?			Actual:	**Yes**
Does Salamander or Upright Broiler (cooking surface exceed > 1050 sq/in)?	Design:	**No**	Actual:	**No**
Interior Nozzle Facing Back Opposite End of Appliance (For Upright Broiler/Salamander)	Design:	**Yes**	Actual:	**Yes**
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:	**4**
Enter Width of Fryer 1 Hazard Zone:			Actual:	**14**
Enter Width of Fryer 2 Hazard Zone:			Actual:	**14**
Enter Width of Fryer 3 Hazard Zone:			Actual:	**14**
Enter Width of Fryer 4 Hazard Zone:			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**

Other Notes:

Fire Stat added to Existing Hood.

Other Notes:

N/A

Other Notes:

N/A

Fire stats are wired in a fire loop with 842 degree high temp wire when ran on top of hoods	Design:	**Yes**	Actual:	**Yes**
CAS Service Supervised, Assisted or Wired All Supervised Loop Connections			Actual:	**Only verified connections at MAD and terminals**

Total amount of FP's used	Design:	**61**	Actual:	**69**

Other Notes:

Two Nozzles added for duct and plenum on existing hood. Adding 8 Flow Points to System.

CAS Service

Verify the correct Fire Stat is installed?			Actual:	**360**
Have all shipping covers been removed from fire stats	Design:	**Yes**	Actual:	**Yes**
Testing of TANK system completed or being completed by:			Actual:	**3rd Party Distributor**
Battery Date Code (The actual date FST wrote on batteries with paint pen during SDV)			Actual:	**10/14/2024 2:56:00 PM**
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? Upload Picture.	Design:	**Yes**	Actual:	**No**

Other Notes:

Fire System is not commissioned yet. Being installed by 3rd party.

Is pressure switch installed and functioning properly?	Design:	**Yes**	Actual:	**Yes**
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**
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:	**Replaced**
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

PCU Installations

NONE

AQEs

NONE

UDS

NONE