CONTROL INFORMATION

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED				
	MODEL	LOCATION	TYPE	LOCATION	MARK	TYPE	VOLT	PHASE	HP
CNTRLS-1	XFCC	SHIP LOOSE	SWITCHES	HOOD – FACE MOUNT RIGHT END OF KH-1	KEF-1	EXHAUST	208	3	1/2
					MAU-1	SUPPLY	208	3	1/3

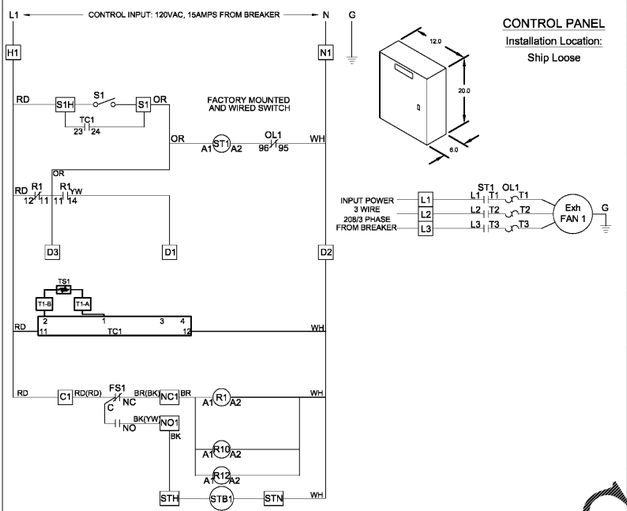
CONTROL FEATURES

CONTROL PANEL ENCLOSURE - 16 GA 300 SERIES STAINLESS STEEL ENCLOSURE (NEMA-1) - DIMENSIONS 12 X 20 X 6
STARTERS PROVIDED IN CONTROL PANEL - QTY 1
2 POSITION LIGHT SWITCH - QTY 1
2 POSITION FAN SWITCH - QTY 1
-FACTORY MOUNTED EXHAUST TEMPERATURE SENSORS - QTY 1
TURN ON EXHAUST IN FIRE
LIGHTS OUT IN FIRE
MUA INTERFACE
POWER FOR SHUNT TRIP
THERMAL OVERLOADS IN CABINET

Kitchen Fan Control Center (XFCC)
Electrical Prewire Package
Clayton County FS #9-R2

SYSTEM DRAWING NOTE

These drawings shall not be removed from this equipment.
For additional Information call ACCUREX at 1-800-371-6858



Panel Mark:	CNTRLS-1
Hood Mark(s):	
Serial Number:	
Model:	XFCC

Motor	Fan Mark	HP	Volt	PH	F.L.A	Wire	Breaker
F1-E	KEF-1	0.5	208	3	2.4	14 ga	15 amp
F2-S	MAU-1	0.33	208	3	1.760	14 ga	15 amp

1	Qty. Fan Switches (0-3)	X	Exhaust in Fire
1	Qty. Light Switches (0-3)	X	MUA Interface
0	Qty. Temp. Switches (0-1)	X	Lights Out in Fire
	One Switch for L & F	X	Fire Relay (#1)
X	Digital Temperature Interlock		Extra Fire Relay (#2)
1	Mounted Sensors - Factory		Extra Fire Relay (#3)
0	Mounted Sensors - Field		DPDT Relay w/SF
	Heat Switch/Tempering SW		DPDT Relay w/EF
	Cool Switch		Off Delay Relay
	AD Switch		SF Failure Light
X	Hood Switches		EF Failure Light
	Audible Alarm		Fan Failure Light (Appl.)
	Gas Reset Gas Off w/Fans		Aux. Supply Contact
	Power for Gas Solenoid		Tie In WWCP
X	Power for Shunt Trip		

Spare Fire Switch Contact (dry contacts for building alarm)

Spare Relay Contacts (activated by FS1)
(can be used for shunt trip, alarms, etc.)

TORQUE:	FIELD WIRING:
TERMINAL BLOCKS = 8 LB.IN GROUNDING BLOCKS = 8 LB.IN	USE MINIMUM 60° Copper Wire

LABEL DESCRIPTION

EF	Exhaust Fan
SF	Supply Fan
ST	Starter
OL	OverLoad
C	Contactor
G	Ground
S	Switch
LT	Light
FS	Fire Switch
R	Relay
AF	Air Flow Switch
SV	Gas Solenoid
STB	Shunt Trip Breaker
D	Damper
PB	PushButton
EC	Evap Cooler
TS	Temperature Sensor
TC	Temperature Controller

FACTORY WIRING
FIELD WIRING

ALL WIRING 90°C 14 GA.
UNLESS SPECIFIED

WIRE COLOR

BK	black
BL	blue
BR	brown
OR	orange
PR	purple
RD	red
YW	yellow
WH	white

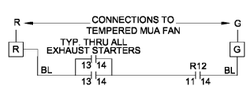
NOTES:
DRAWING SHOWN DE-ENERGIZED AT L1 (TERM. #H1), W/ FIRE SYSTEM ARMED (NON-FIRE MODE). (NORMAL OPERATION, R1 & R2 ARE ENERGIZED) IF WALL MOUNTED PREWIRE, OR FIELD INSTALLED FIRE SYSTEM, THE FIRE SYSTEM MICROSWITCHES MUST BE FIELD WIRED.

LISTED 33894 COMMERCIAL APPLIANCE OUTLET CENTER ELECTRICAL RATINGS: 120V, 1PHASE, 60HZ, 15A FILE #E313951

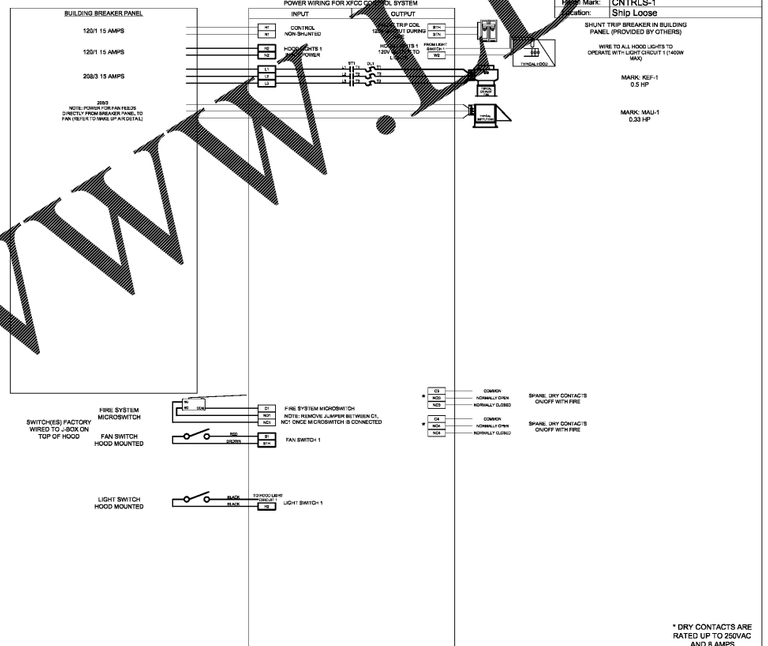
Wiring Diagram Code:

TEMPERATURE INTERLOCK CALIBRATION

1. PRESS SET BUTTON. 'St1' WILL APPEAR.
2. PRESS UP OR DOWN BUTTON TO NAVIGATE TO SET POINT THAT YOU WISH TO ADJUST ('St1', 'St2', OR 'St3').
3. PRESS SET BUTTON TO VIEW CURRENT SET POINT. PRESS UP OR DOWN BUTTON TO ADJUST AND PRESS SET BUTTON TO STORE VALUE.
4. PRESS SET + DOWN BUTTONS TOGETHER TO EXIT OR WAIT 1 MINUTE.
5. CHECK SYSTEM OPERATION BEFORE MAKING ADDITIONAL ADJUSTMENTS.

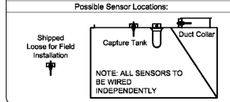


Kitchen Fan Control Center (XFCC)
Electrical - Field Wiring Schematic
Clayton County FS #9-R2



SENSOR		
HOOD MARK	QTY	LOCATION
KH-1 Section 1	1	CAPTURE TANK

Possible Sensor Locations:



Note(s):

1. All wiring to be done by certified and qualified persons and must be wired to all local & national codes.
2. Exhaust and supply fan(s) shown as typical for representation of the fan. For exhaust or supply fan detail see fan submittals.
3. Exhaust and/or supply fans may be shown more than once for purpose of separating power versus control wiring.
4. Power wiring is the responsibility of the electrician. Control wiring is the responsibility of controls contractor. If there is no controls contractor, both power and control wiring is the responsibility of the electrician.
5. All ground wiring not shown on above diagram for clarity.
6. For further instructions please see the XFCC Installation and Operations Manual that was shipped with panel, or contact ACCUREX's Kitchen Ventilation team at 1-800-371-6858

Order Plans @ WWW.DILine.com

Rev	Date	Description

CLAYTON COUNTY
NEW FIRE STATION #9
4176 OLD DIXIE HIGHWAY
ATLANTA, GEORGIA
30354

CLAYTON COUNTY
FIRE DEPARTMENT

SLKING & Associates, Inc.
ENGINEERS • PLANNERS • MANAGERS
270 Peachtree Street, N.W.
Suite 1600
Atlanta, GA 30303
(M) 404.524.5800
(F) 404.584.1799
www.slking.com

BOYE ARCHITECTURE
ARCHITECTURE
INTERIOR DESIGN
LAND PLANNING
160 CLAIREMONT AVE., STE 120
DECATUR, GEORGIA
TEL: 470.355.8514
WWW.BOYEARCHITECTURE.COM

GEORGIA REGISTERED PROFESSIONAL ENGINEER
ANDREW J. GHANEM
07/26/2018

RELEASED FOR CONSTRUCTION

100% CD

DATE: 07/26/2018
PROJECT NO.: 2017017
DRAWN BY: JS
CHECKED BY: AG

MECHANICAL - KITCHEN SCHEDULES AND DETAILS

M603