



Office of the Vice President
and Chief Financial Officer
Procurement Services
<https://procurement.ufl.edu/>

971 Elmore Drive
PO Box 115250
Gainesville, FL 32611-5250
(352) 392-1331 Fax 352-392-8837

October 3, 2019

ADDENDUM NUMBER 1 ON INVITATION TO BID ITB20DB-118

TITLE: HVAC Upgrades - Aquatic Pathobiology Building

Mandatory pre-bid meeting was held at the site on October 1, 2019 at 10:00 AM. **Bid opening** will be held October 22, 2019 at 3:30 PM in UF Procurement Services, 971 Elmore Drive, Gainesville, FL 32611.

This addendum shall be considered part of the Contract Documents for the above mentioned project as though it had been issued at the same time and incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract documents, this addendum shall govern and take precedence. Bidders are hereby notified that they shall acknowledge receipt of the addendum.

NOTES:

1. See attached updated pricing sheet. This form must be completed and submitted with your bid.
2. See attached Engineers photos of interior and exterior components.

A handwritten signature in black ink, appearing to read 'Debbie Berrier'.

Debbie Berrier
Procurement Agent II

**PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM 1 AND RETURN WITH YOUR BID.
FAILURE TO ACKNOWLEDGE THIS ADDENDUM COULD CONSTITUTE REJECTION OF YOUR BID.**

VENDOR NAME

VENDOR ADDRESS

SIGNATURE

PRICE SHEET

From: _____
(Company Name/Name & Title of Authorized Agent)

To: **UNIVERSITY OF FLORIDA**
Procurement Services
971 Elmore Drive/PO Box 115250
Gainesville, FL 32611

The undersigned, being invested with the authority of his/her employer, and having read the Documents for the Bid, as well as the Specifications for the Bid, entitled:

ITB20DB-118: HVAC Upgrades - Aquatic Pathobiology Building

and having familiarized themselves with all conditions affecting and governing the specifications, pricing and delivery of the product and services described herein, hereby proposes to furnish the products and services as per the specifications, in strict compliance with the Bid Documents, Addenda and any other documents relating thereto on file with UF Procurement Services and, if awarded the Contract, agrees to abide by the pricing and delivery terms as per the Documents and as stated herein, for the sums enumerated on this page.

PHASE A:

Equipment Cost: \$ _____

Installation Cost: \$ _____

Lead Time: _____

PHASE B:

Equipment Cost: \$ _____

Installation Cost: \$ _____

Lead Time: _____

TOTAL BID (Contract Sum) PRICE: \$ _____

I have carefully prepared this Bid from contact documents described above, I have full authority to make such statements and submit this Bid in (my) (its) (their) behalf, and all statements are true and correct.

(Signature)

(Printed or typed)

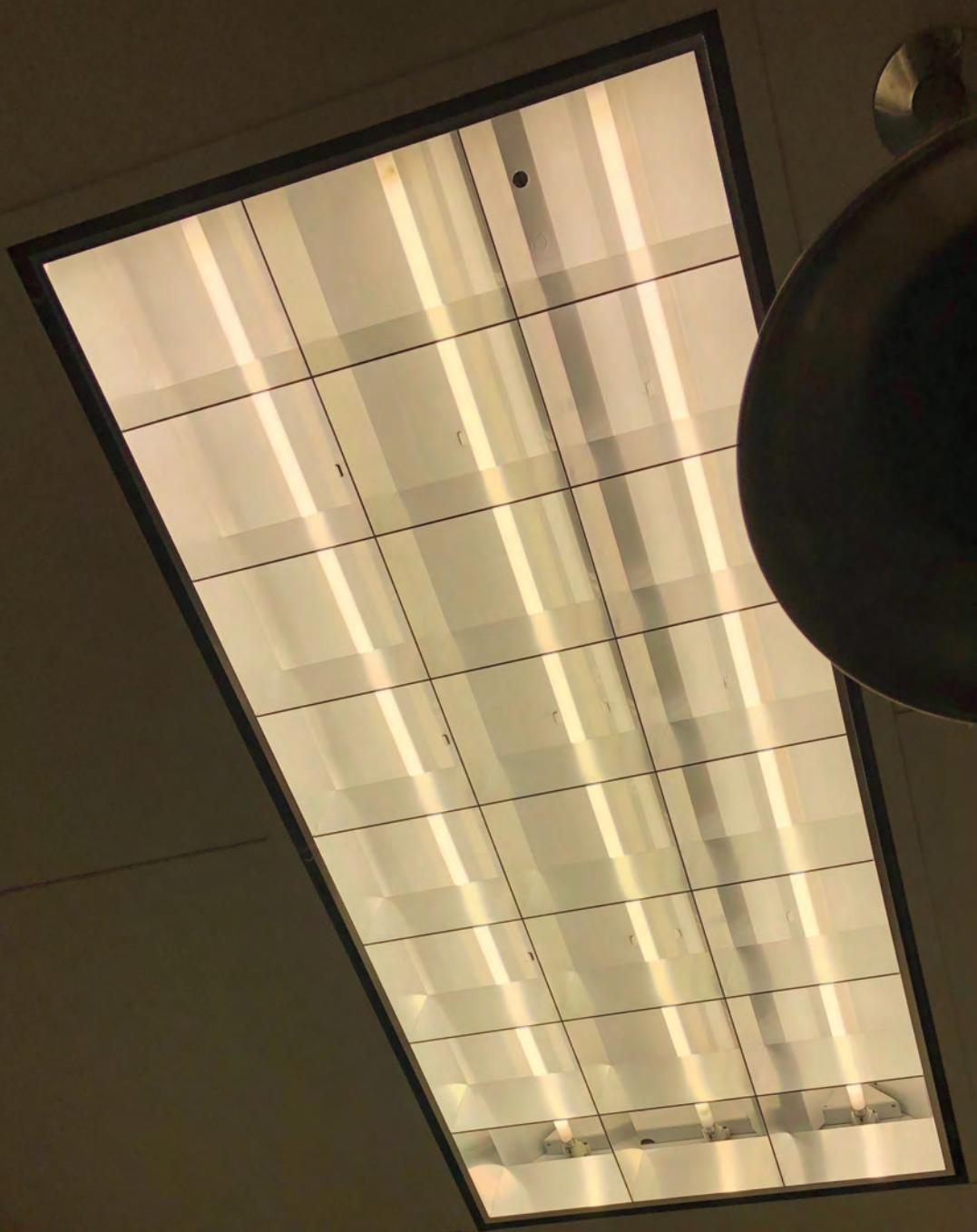
(Address, City State, Zip)

(Telephone)

(Date)

(Email)





DAN®
dan.com

GI









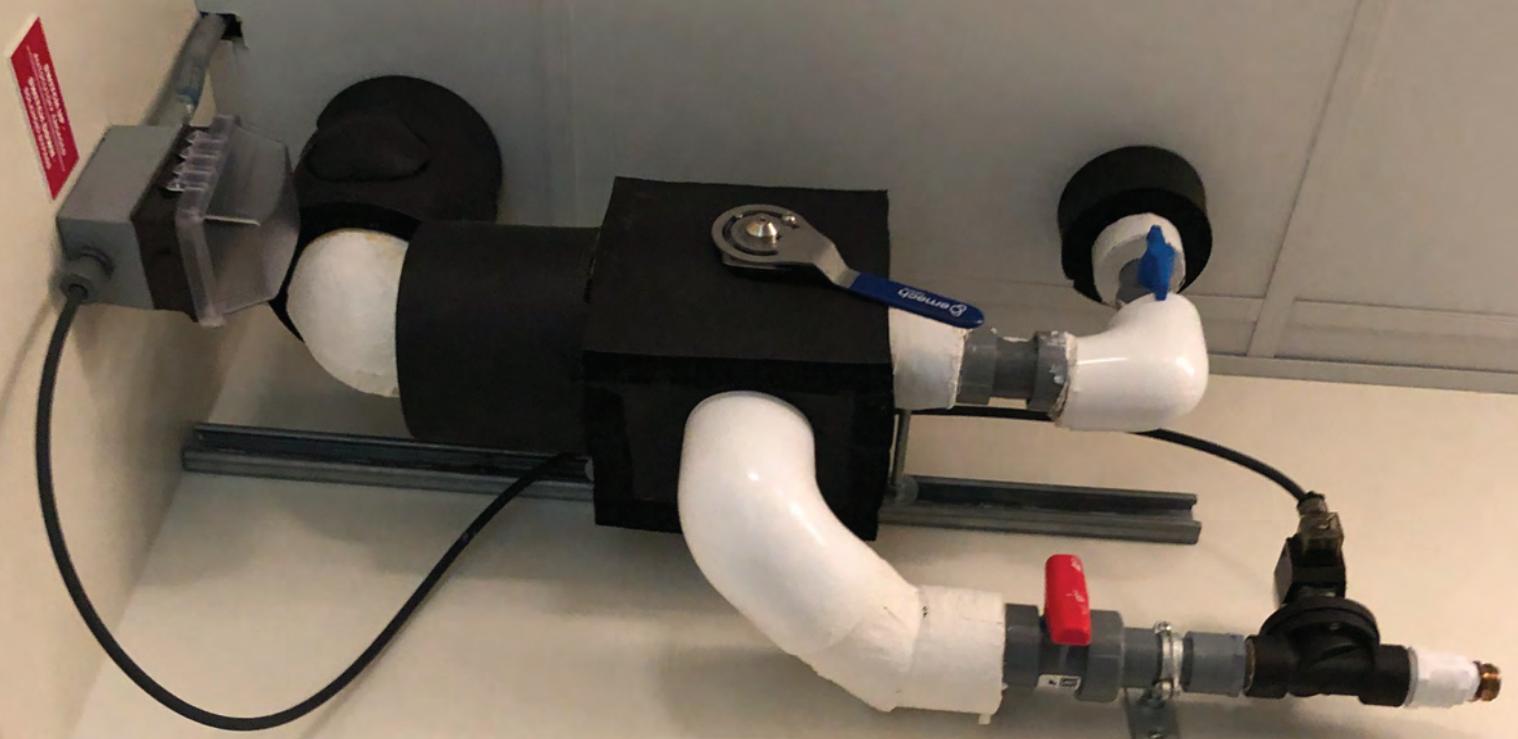
ATTIC
ACCESS



























Concerns? Contact IPD
Dispatcher at 392-1141

IPD
POLICE
DEPARTMENT
OF
FLORIDA

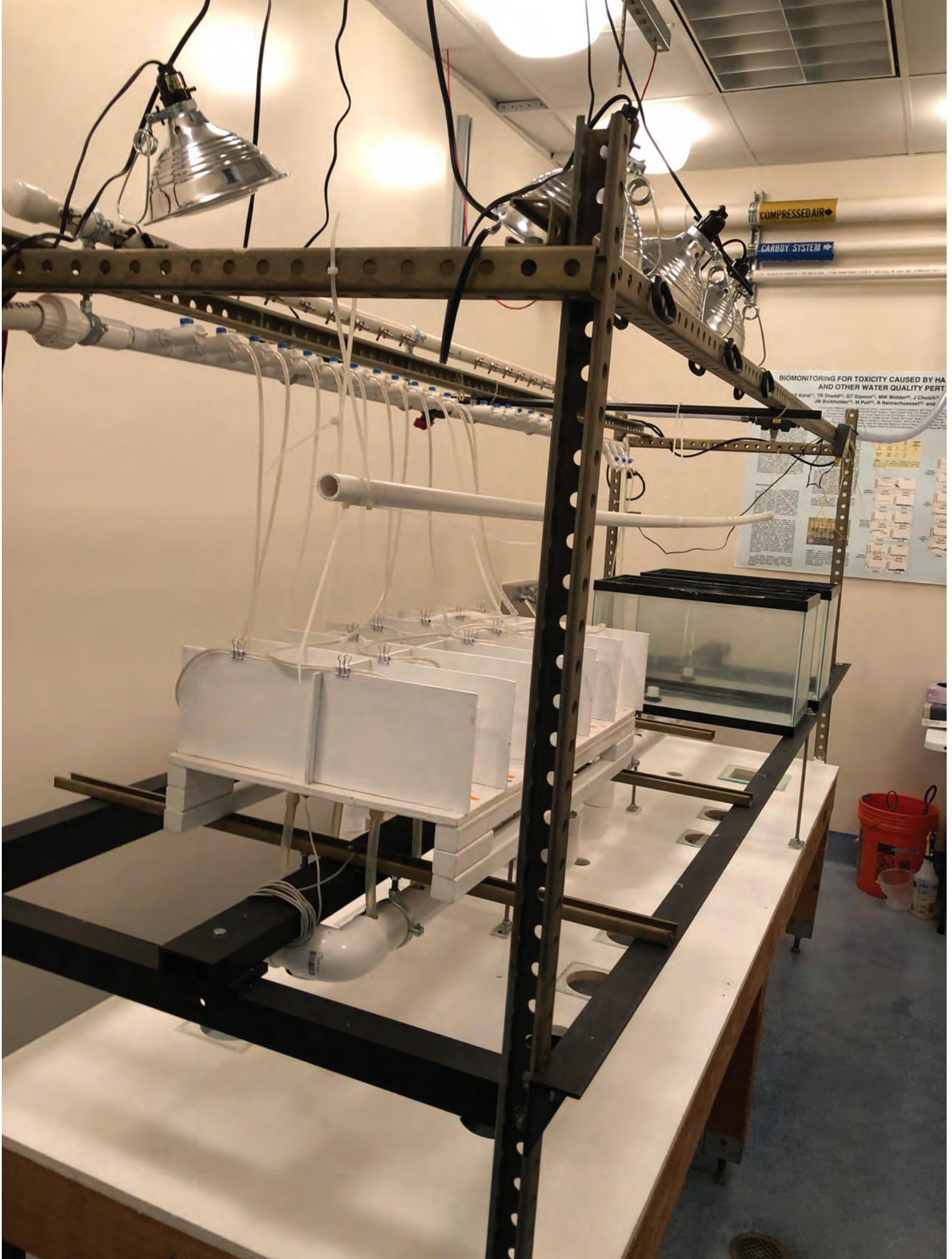




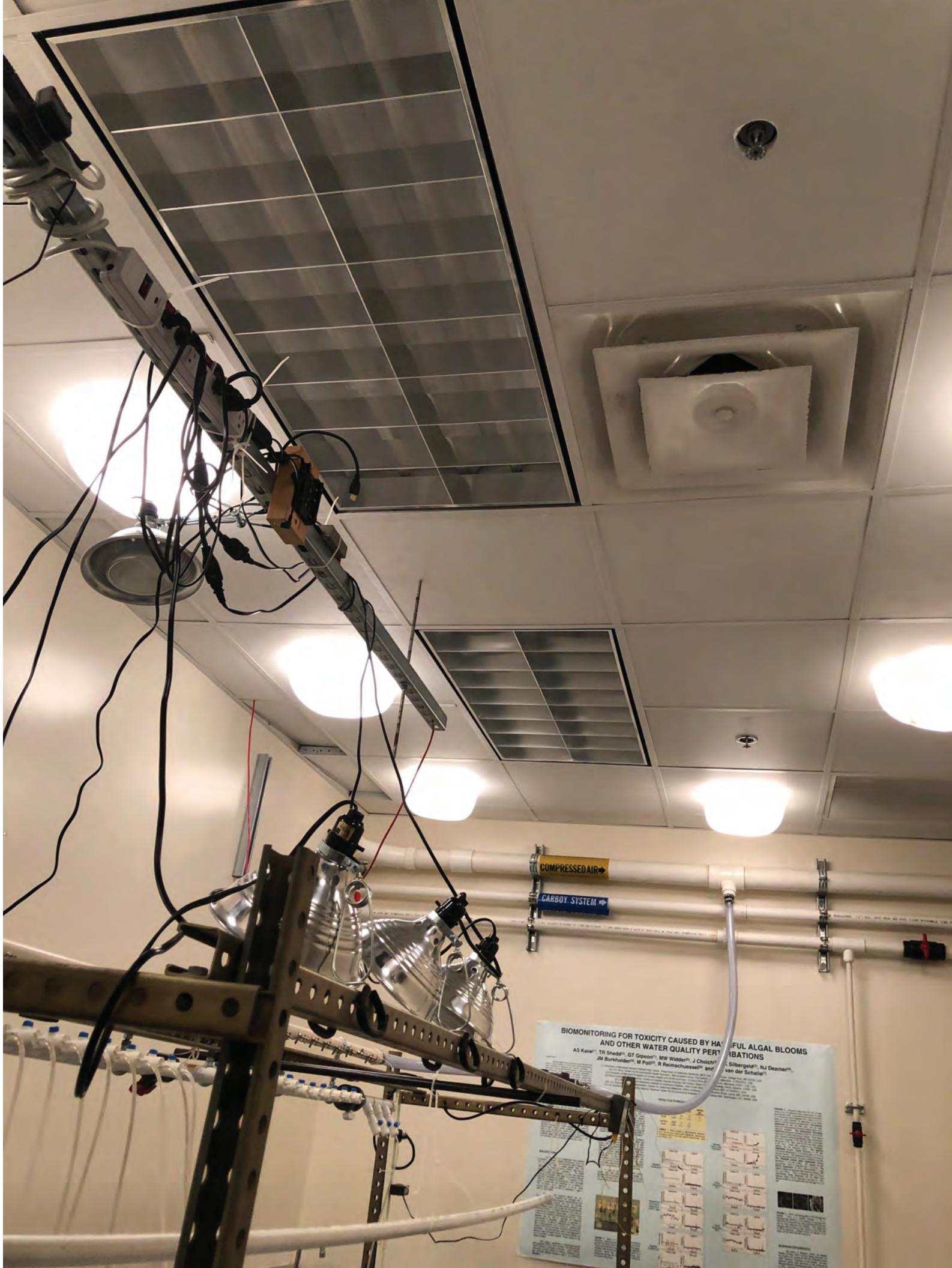








Please coordinate any changes to
flow rate or temperature
with other users.
Changes in flow rate or temperature
without coordination may affect other users.



BIMONITORING FOR TOXICITY CAUSED BY HARMFUL ALGAL BLOOMS
AND OTHER WATER QUALITY PERTURBATIONS

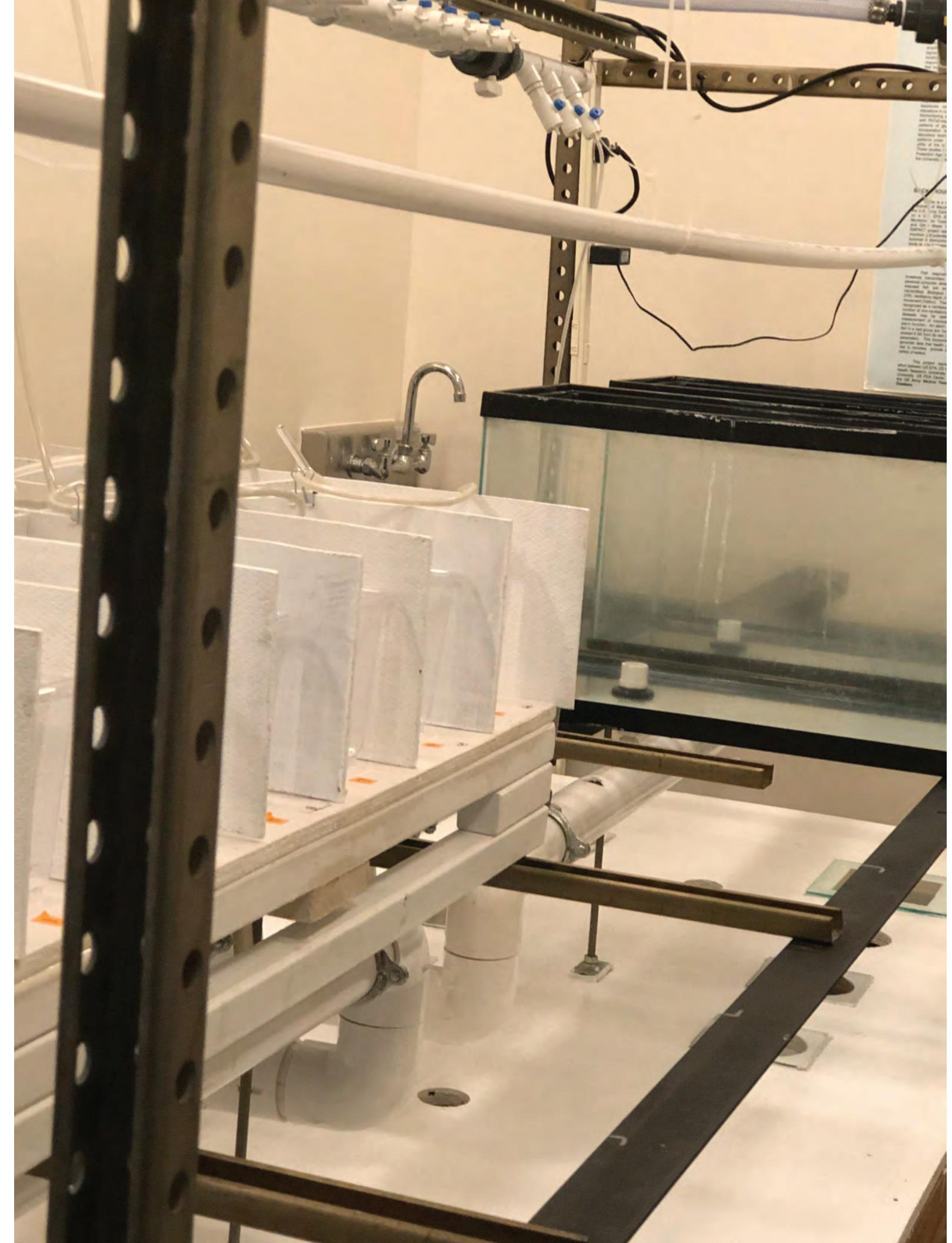
A.S. Kane¹*, T.R. Shedd², G.T. Gibson³, M.W. Wieder¹, J. Chochi¹, K. Silbergeld⁴, N.J. Deamer⁵,

J.M. Burkholder⁶, M. Polli⁷, R. Reimann⁸, and J. van der Schal⁹

COMRESSED AIR →

CARBOY SYSTEM →



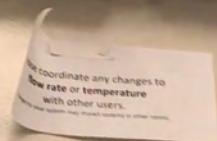
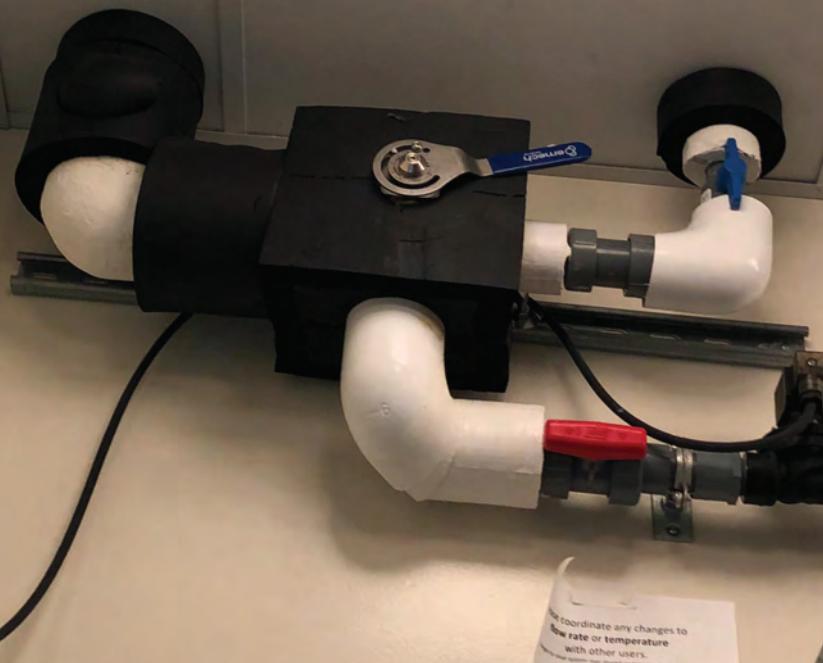






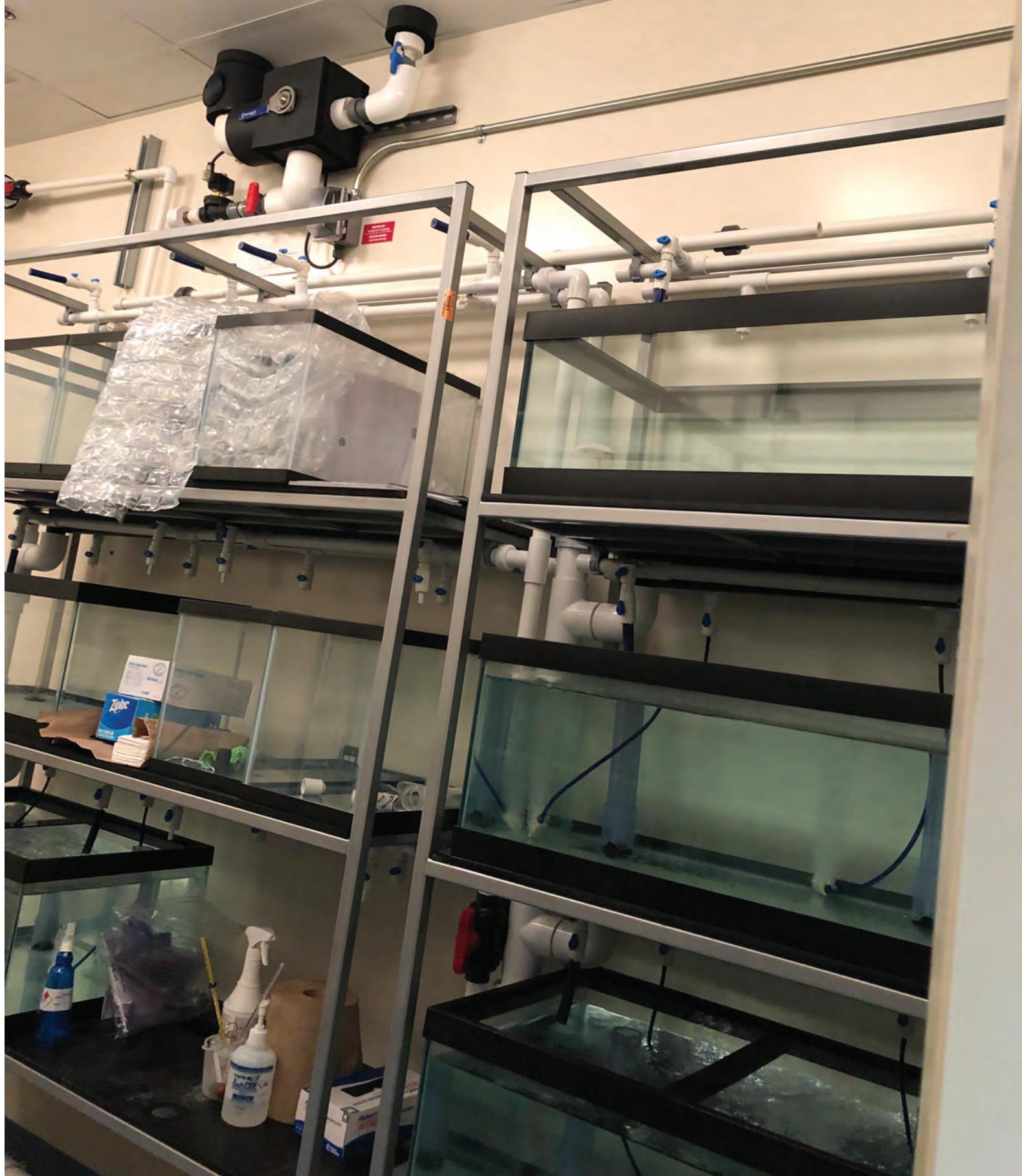
VIRKON FOOTBATH









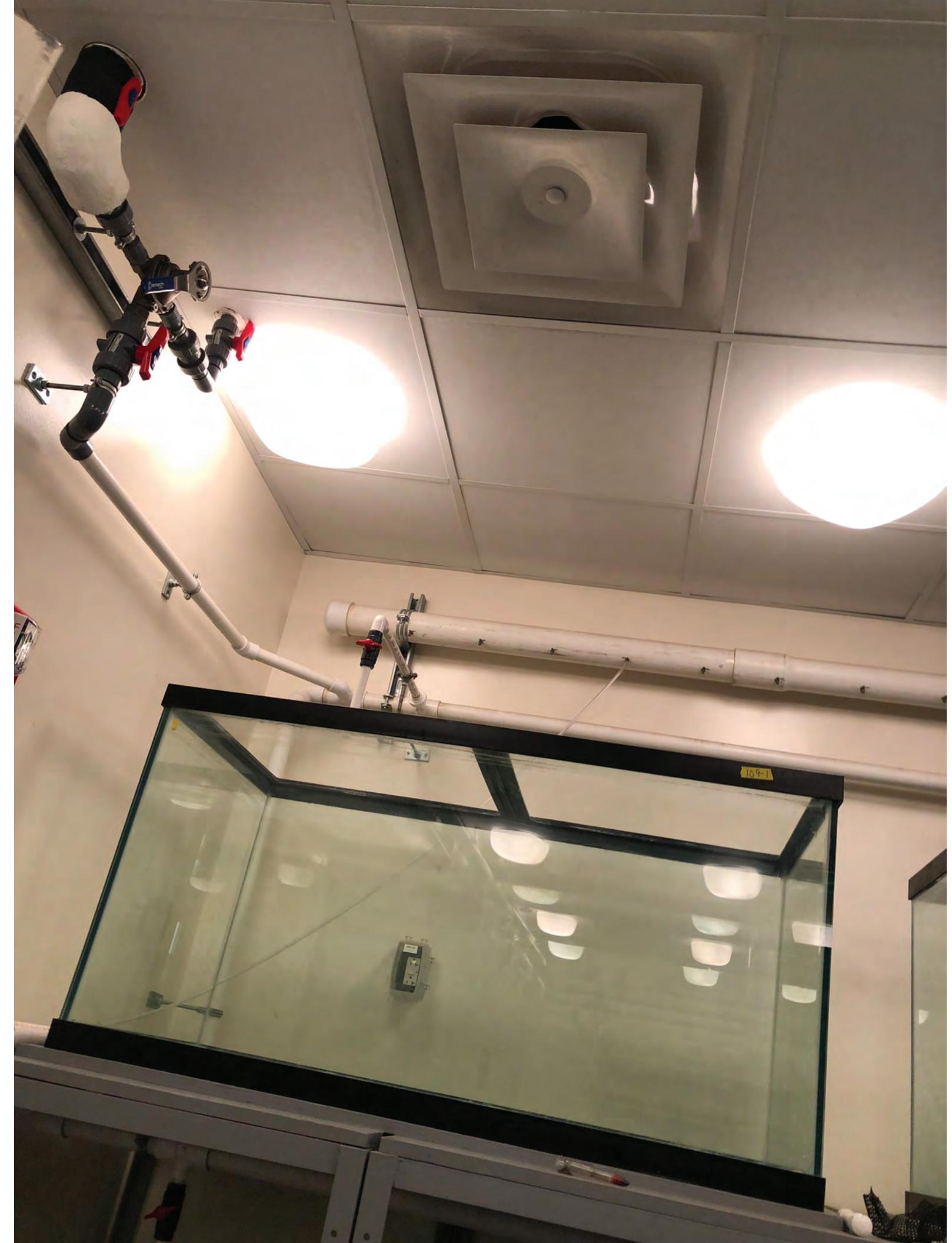








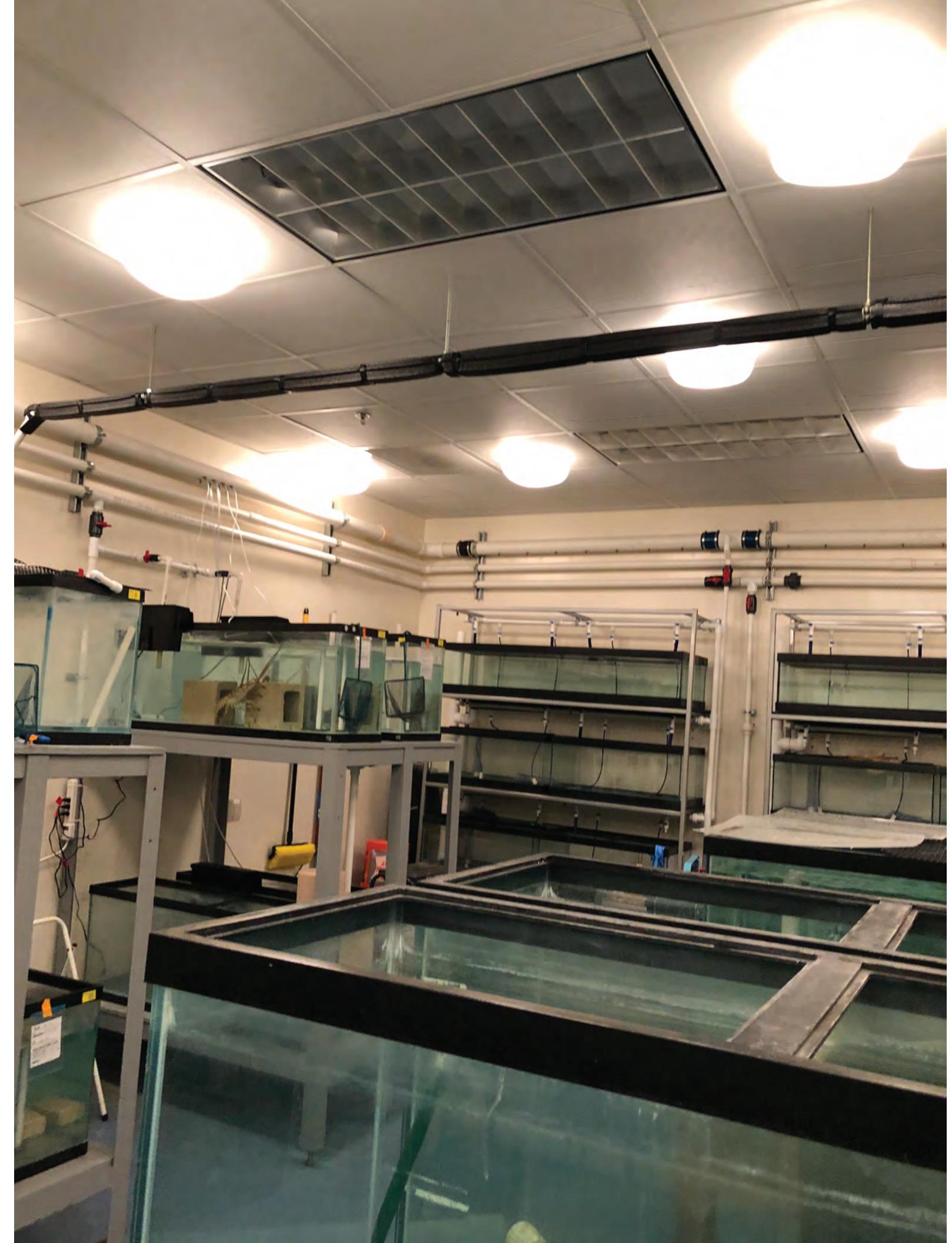


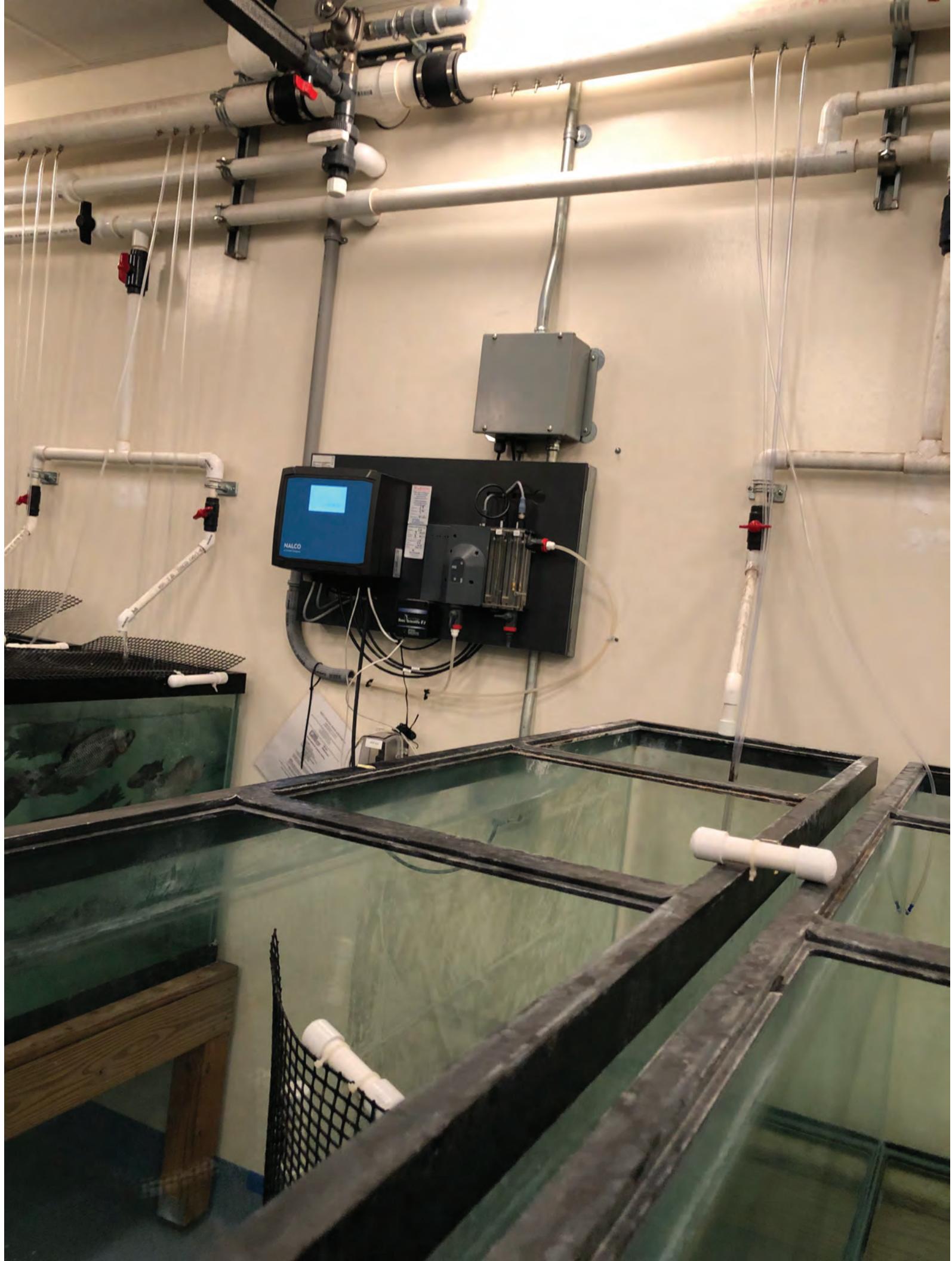


































ADDISON

www.addison-hvac.com







MODEL NO.
SERIAL NO.

FRSA360CK1D3A4C002CA
081002501001

TAG NO.

FACTORY CHARGE

R410A SYSTEM NO. 1
 SYSTEM NO. 2
 SYSTEM NO. 3

LBS. OZ.
42 0
✓22 8
0 0



MAX DESIGN PRESS (PSIG)

245

LOW SIDE

475

HIGH SIDE

ETL # 43136

COMPRESSOR 1
COMPRESSOR 2
COMPRESSOR 3

VOLTS RLA
208-230 55.8

LRA PHASE
340 3

208-230 55.8

340 3

0 0.0

0 0

OUTDOOR FAN (EA.)
OUTDOOR FAN (EA.)
INDOOR FAN (EA.)
EXHAUST FAN (EA.)
INDOOR FAN (EA.)
ELECTRIC HEAT

VOLTS FLA
208-230 6.0

HP PHASE
1.5 3

0 0.0

0 0

208 15.7

0 0

0 0.0

5 3

0 0.0

0 0

45. kW. 208 V

0 0

0 BTUH INPUT

124.9 AMP

MIN SPACING TO COMBUSTIBLE MATERIAL

0 INCHES

MINIMUM CIRCUIT AMPACITY

175.8

MAX FUSE OR CKT BKR-(HACR TYPE PER NEC)

200

ALLOWABLE VOLTAGE

MAX

DATE OF MANUFACTURE

Dec 08

SUITABLE FOR OUTDOOR USE

ADDISON

7050 OVERLAND RD

ORLANDO, FL 32810

ETL LISTED

CONFORMS TO ANSI/ASME STD. A1995, CERTIFIED TO
CAN/CSA STD. C22.2 NO. 236







EF-4

WEST



COOK

TAG: FF-4 8822 JF AQUATIC PATH
MODEL: 210 CPV 210CPV C11
SERIAL: 0498041803-01/0002801

MOTOR INFORMATION

HP: 3	DESIGN CFM: 4080
ENCL: ODP	DESIGN SP: 2.0
VOLTS: 460	FAN RPM: 1236
PH: 3 HZ: 60	MAX RPM: 1277
RPM: 1725	DATE: JAN 2009

FAN INFORMATION

LC05 **LOREN COOK COMPANY**
417.869.6474 SPRINGFIELD, MO
lorencook.com Made in USA ISO 9001
COMPANY

IMPORTANT



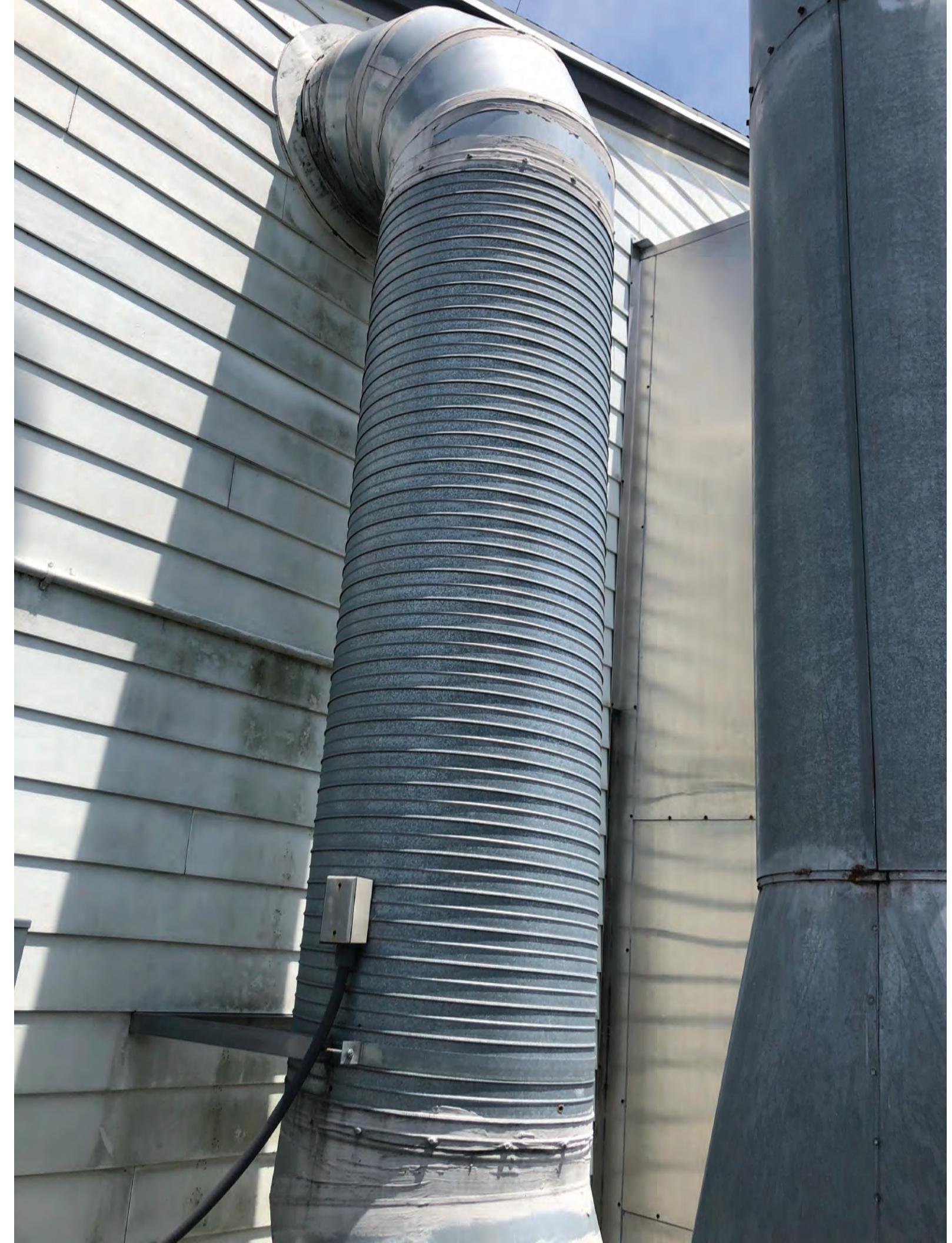
Listed Power
Ventilator 3204
E35337

For immediate thermal protection information, if
you need more information, call 1-800-332-1332 for
overhead protection.

EF-4
FED FROM MDP
CIR 14.16.18









OA-1
FED FROM MDP
CIR 1,3,5































104

Concerned with an Animal's
Welfare?









ELECTROLUX HOME PRODUCTS INC / CHARLOTTE NC 28267
ELECTROLUX CANADA CORP / MISSISSAUGA ONT L5V 3C4

MOD. FCGM201RFB2
SER. WA40902434

MANUFACTURED/FABRIQUE 3-14
AMPS: 5.0 A VOLTS: 115 VAC HERTZ: 60 HZ
REFRIGERANT R134A 6.0 OZ. (170 Grams)

Design Pressure/ Pression de dessin: LS/PB 140 PSIG(965 KPa)
HS/PH 360 PSIG(2482 KPa)

FREE STANDING INSTALLATION ONLY
INSTALLATION NON ENCASTREE SEULEMENT

SEULEMENT



Please call us

ELECTROLUX HOME PRODUCTS, INC., AUGUSTA, GA. 30907
ELECTROLUX CANADA CORP., MISSISSAUGA, ONT. L5J 3E4

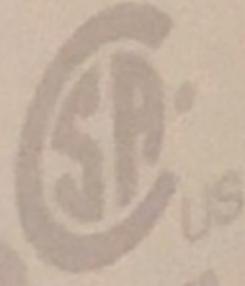
FCGM201RFB2
WA94400021

MD.

SER.

MANUFACTURED/FABRIQUE 19-09
AMPS: 5.0 A VOLTS: 115 VAC HERTZ: 60 Hz
REFRIGERANT R134A 6.0 oz (170 Grams)
Design Pressure/Pression de dessin: LS/PB 140 PSIG (95.3 kPa)
LP/PB 260 PSIG (182 kPa)

FREE STANDING INSTALLATION COMMERCIAL
INSTALLATION NON ENCASTRÉE COMMERCIAL
COMMERCIAL REFRIGERATOR
REFRIGERATEUR COMMERCIAL
TYPE GCR22 NEA 352-00-E



REFRIGERATOR
REFRIGERATEUR

Alarms**Silence**

Power Failure	Probe Failure	Low Battery
High Temperature	Door Open	Hot Condenser
Low Temperature	Wrong Power	High Stage Failure

Mode

<input type="radio"/> Run	<input type="checkbox"/> Set High Alarm
<input checked="" type="radio"/> Set Temperature	<input type="checkbox"/> Set Low Alarm
	<input type="checkbox"/> Calibrate

Temperature °C

Labor
-80 Freezer
Glassware Washers
Shakers & Ovens

CAC058482

C & L REFR

Ultra Low Freezer
Cryogenic Freezer
-86° to -150°

TEL: 904

Model: 8928
EXF40086A

Ref#: 6

S/N: 366172 - 80



LISTED
LABORATORY EQUIPMENT
6N98
E163302

CAUTION



CONTAINS PARTS AND ASSEMBLIES
SUSCEPTIBLE TO DAMAGE BY
ELECTROSTATIC DISCHARGE (ESD)

Thermo Fisher Scientific
P.O. Box 649 Marietta, OH 45750
Toll Free USA 800.848.3080 Fax 740.373.4189
Outside USA - Call Distributor

Model: 8928

Ref#: 6 120V 60HZ 16.00A 1PH
S/N: 366172 - 80 EXF40086A

HI STAGE: R - 404A / 680 gr (24.0 Oz)
Design Press. (high): 2864 kPa (400 psig)
(low): 1304 kPa (174 psig)

R - 290 / 26 gr (.9 Oz)

R - 508B / 454 gr (16.0 Oz)

Design Press. (high): 2519 kPa (350 psig)
(low): 1118 kPa (147 psig)

(Charge R - 290 from 30" vac - 4psig)

(Charge R - 508B from 4psig - 145 psig)

Climatic Class T = Tropical

Thermo Fisher Scientific
P.O. Box 649 Marietta, OH 45750
Toll Free USA 800.848.3080 Fax 740.373.4189
Outside USA - Call Distributor

Made in USA

12/01/11



cial.com
41-3251



FREEZER
CONGÉLATEUR



WARNING

This unit is monitored
by a Rees Scientific
environmental
monitoring system.

Please disconnect
sensor probe before
moving this unit.

Probe No. 76
3

Probe Type 3
1

Node No. 1

MPX-RMT # B6E9:1



Caution - Moving parts. Do not operate with panel removed.

Prudence - pièces en mouvement. Ne pas mettre en marche sans le panneau.

Caution- Risk of electrical shock. Disconnect power before servicing.

Prudence - Risque d'une décharge électrique. Veuillez débrancher l'appareil avant de faire le service.

This equipment is intended for max ambient of 86°F.

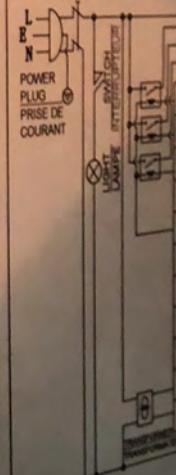
Cet appareil est destiné pour obtenir la note maximale d'une température ambiante de 86°F (30°C) degré Fenrenheit.



Model / Modèle: CRF466-2
Serial / Série: 0111043500026

COLDTEC
COMMERCIAL

POWER SWITCH
COMMUTATEUR DE COURANT



The product confirms to
produit est conforme à



Product Description

— Pre

To Set Temperature, High Alarm, Low Alarm
Press temperature key until temperature indicator illuminates
Press **ENTER**, new value is accepted
Display will then return to actual temperature

Should Calibration Be Required

Press certified, traceable thermometer into socket
Press **ENTER**, calibration indicator illuminates
Press **SET TEMP/CAL** key twice until calibration indicator illuminates
Press **ENTER**, no match display is thermometer
Press **ENTER**, calibration is complete



C & L REFRIGERATION, INC.

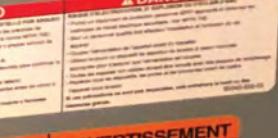
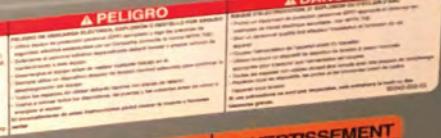
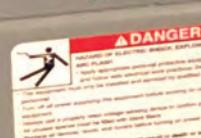
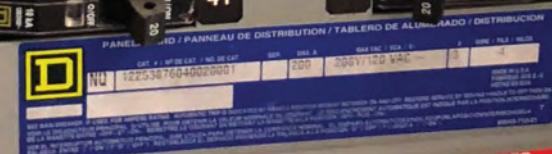
• SERVICED
Ultra Low Temp Freezers • Blood
Cabinets • Growth Chambers,
Incubators • Walk-In Reach-In
• Ice Machines

TEL: 904-778-7773



PRECISION

● PANEL 2P1 ●
FED FROM MDP
CIR 38, 40, 42
120/208V 3PH

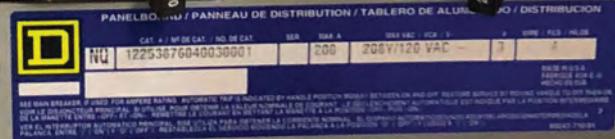


PANEL 2P1-Section1
120/208v 3ph

1	Rec Rm 101 N & East Wall	2	Rec Rm 102 North Wall
3	Rec Rm 101 West Wall	4	Rec Rm 102 North Wall
5	Rec Rm 102 East Wall	6	Rec Rm 102 North Wall
7	Rec Rm 102 East Wall	8	Rec Rm 102 East Wall
9	Rec Rm 102 South Wall	10	Rec Rm 102 East Wall
11	Rec Rm 102 South Wall	12	Rec Rm 102 South Wall
13	Rec Rm 102 West Wall	14	Rec Rm 102 South Wall
15	Rec Rm 102 Island	16	Rec Rm 102 South Wall
17	Rec Rm 106 East & West Wall	18	Rec Rm 108 WM North Wall
19	Rec Rm 108 WM West Wall	20	Rec Rm 108 WM North Wall
21	Rec Rm 108 WM West Wall	22	Rec Rm 108 WM East Wall
23	Rec Rm 108 WM South Wall	24	Rec Rm 108 WM East Wall
25	Rec Rm 110 N & East Wall	26	Rec Rm 108 WM East Wall
27	Rec Rm 110 N & West Wall	28	Rec Rm 108 WM East Wall
29	Rec Rm 111 WM North Wall	30	Rec Rm 108 WM East Wall
31	Rec Rm 111 WM, NW Wall	32	Rec Rm 111 WM West Wall
33	Rec Rm 111 South Wall	34	Rec Rm 111 WM West Wall
35	Rec Rm 109 North Wall	36	Rec Rm 111 WM West Wall
37	Rec Rm 109 East Wall	38	Rec Rm 109 South Wall
39	Rec Rm 109 South Wall	40	Rec Rm 109 South Wall
41	Rec Rm 109 West Wall	42	Rec Rm 109 North Wall

All Florida Electric Co., Inc. 378-6014

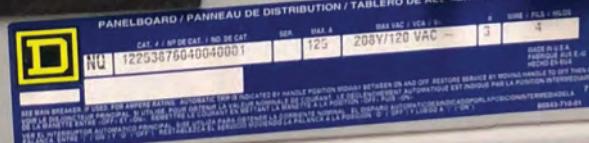
• PANEL 2P1 •
FED FROM MDP
CIR 38,40,42
120/208V 3PH



PANEL 2P1-Section 2
120-208v **3ph**

43	Rec Rm 109 North Wall	44	Rec Rm 107 West Wall
45	Rec Rm 107 East Wall	46	Rec Rm 105 East Wall
47	Rec Rm 105 West Wall	48	Rec Rm 104 North Wall
49	Rec Rm 104 West Wall	50	Rec Rm 104 South Wall
51	Rec Rm 104 East Wall	52	Rec Rm 103 South Wall
53	Rec Rm 103 West Wall	54	Rec Rm 103 South Wall
55	Rec Rm 103 South Wall	56	Rec Rm 103 East Wall
57	Rec Rm 103 East Wall	58	Rec Rm 103 North Wall
59	Rec Rm C199A North Wall	60	Rec Rm C199A North Wall
61	Rec Rm C199A North Wall	62	Rec Rm C199A North Wall
63	Rec Rm C199A North Wall	64	Rec Rm C199A North Wall
65	Rec Rm C199A North Wall	66	Rec Rm C199A North Wall
67	Rec Rm C199A North Wall	68	Rec Rm TRO1A
69	Rec Rm C199A South Wall	70	Flow Switch Siren Rm 103 North Wall
71	Rec Rm 102 East Wall	72	Rec Rm 108A South Wall
73	Rec Rm 102 East Wall	74	Rec Rm 108A North Wall
75	Rec Rm 102 Island	76	Blower, Attic
77	Rec Future Fume Hood Rm 102 N Wall	78	Surgical Lights East Wall
79	Rec Future BSC East Wall	80	Surgical Lights West Wall
81	FACP North Wall	82	Rec Rm 109 East Wall
83	Rec Rm 102 South Wall	84	Rec Rm 103 South Wall
	Rec Rm 102 West Wall		All Florida Electric Co., Inc. 378-6014

• PANEL 2P2 •
FED FROM MDP
CIR 37, 39, 41
120/208V 3PH



PANEL 2P2

120*208v

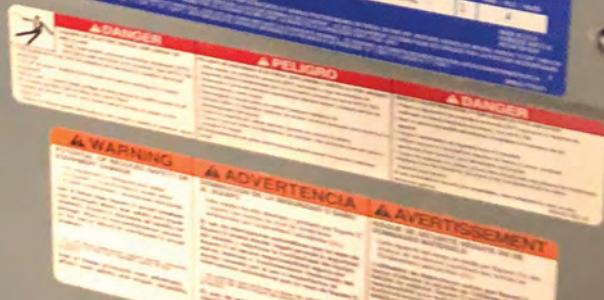
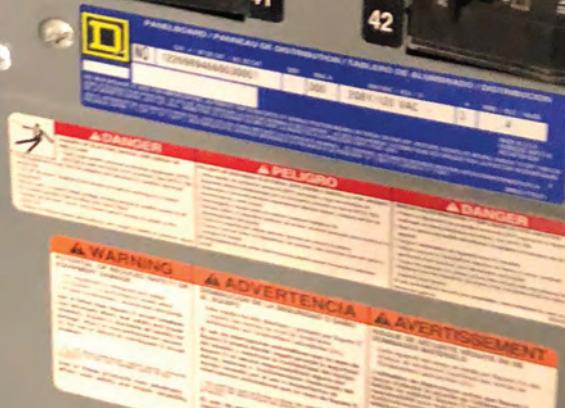
3ph

1	Lts Rm 101,102,103	2	Dimming Panel
3	Lts Rm C199A,TRO1A	4	Dimming Panel
5	Lts Rm C199A, 111	6	Dimming Panel
7	Lts Rm 106,108,108A,110,111,Ext	8	Solar Tube Power Rm 101,102
9	Lts Rm 104,107,108,109,110	10	80°F Freezer North Wall
11	Spare	12	80°F Freezer North Wall
13	Spare REES	14	Security Card Reader
15	Spare PUMP ^{COLIS} CHILLER	16	Spare
17	Spare PUMP ^{COLIS} HOTWATER	18	Spare
19	Spare PUMP ^{CHILLER}	20	Cir. Pump
21	Space ^{CHLORINE CIRC AMP}	22	WH-1
23	Space ^{MIX VALVES}	24	WH-1
25	Space ^{CHLORINE CTRL}	26	WH-1
27	Space	28	Space
29	Space	30	Space
31	Space	32	Space
33	Space	34	Space
35	Space	36	Space
37	Space	38	Space
39	Space	40	Space
41	Space	42	Space ^{Saltwater Pump}

All Florida Electric Co., Inc. 378-6014

PANEL 2P3 FED
FROM PANEL MP
120/208V 3PH





PANEL 2P3

120/208v

3ph

1	Lts Rm 208A,208B,210,211	2	Outside Lights
3	Lts Rm C02,208	4	Lts Rm 206,207
5	Lts Rm C01	6	Lts Rm 201,203
7	Lts Rm C02	8	HP-2
9	Lts Rm 202,204,209	10	HP-2
11	Lts Rm 209	12	Spare
13	Gen Lts and Recept	14	Spare
15	Spare	16	EF-2,EF-4,Rm 208A,208
17	Spare <i>Certified 2/0</i>	18	EF-3 Rm 201
19	HP-3 Heat Pump	20	EF-1
21	HP-3 Heat Pump	22	EF-1
23	EF-5 Rm 211	24	EF-1
25	Spare	26	EDH-2
27	Spare	28	EDH-2
29	CEF-1 > <i>Cooper Pumps</i>	30	EDH-2
31	CEF-1 > <i>lin 208</i>	32	EDH-3
33	Battery & Heaters Gen.	34	EDH-3
35	Battery & Heaters Gen.	36	EDH-3
37	FC-1, FEF-1 > <i>Fridge</i>	38	CC-1
39	FC-1, FEF-1 > <i>Fridge</i>	40	CC-1
41	FC-1, FEF-1 > <i>208</i>	42	CC-1

All Florida Electric Co., Inc. 378-6014