



D
SAFETY
SWITCH

ON

OFF

Emergency
Normal
Emergency

For Service or This Equipment Call
800-707-4888
FIDELITY

ASCO Services
24 Hour Service - Support
Maintenance Programs
1-800-833-4820



DANGER
HIGH VOLTAGE

C

DANGER
CONFINED SPACE
ENTER BY SPACE
ENTER BY
PERMIT ONLY

BRAL SIGNMARK EDV LOG NO. 84562

S&L
LIFT STATION
SERIAL NO. 08 7310
 **Ecodyne Corporation**
Smith & Loveless Division
An Affiliate of Trans Union Corporation
Lenexa, Kansas.



B



ASCO SERIES300
Power Transfer Switch

EMERSON
Network Switch

Transfer Switch Position		Source Accepted	
Normal	☒	Normal	☒
Emergency	☐	Emergency	☐

Transfer Test Power Time Delay Set Engine Exhaust

Press for 15 sec. Press and hold PLAINES

ASCA SERVICES, INC.
A Subsidiary of BENTLEY SYSTEMS CO.
24 HOUR SERVICE / SUPPORT /
MAINTENANCE PROGRAMS
1-800-800-ASCA
www.ascaservices.com

PELIGRO
DANGER



Hazardous voltage.
Will shock, burn,
or cause death.
Do not open
until ALL power
is disconnected.

Voltage peligrosa.
Causará choque
eléctrico,
quemaduras o
la muerte.
No abra hasta que
TODA la potencia
esté desconectada.

Tension élevée.
Risque de choc,
brûlures et même
la mort. N'ouvrez
qu'après avoir
débranché TOUTES
les alimentations.

EG Controls
JACKSONVILLE, FLA.
DUPLEX
LOGIC CHASSIS

120 VAC LINE
H = HOT
G = GROUND
N = NEUTRAL
X1 = } 24 VAC
X2 = }
Δ = JUMPER IF NOT USED.

24 VAC
CIRCUIT
BREAKER

3
AMP

ON
OFF

120 VAC
POWER

15
AMP

120 VAC
CIRCUIT
BREAKER



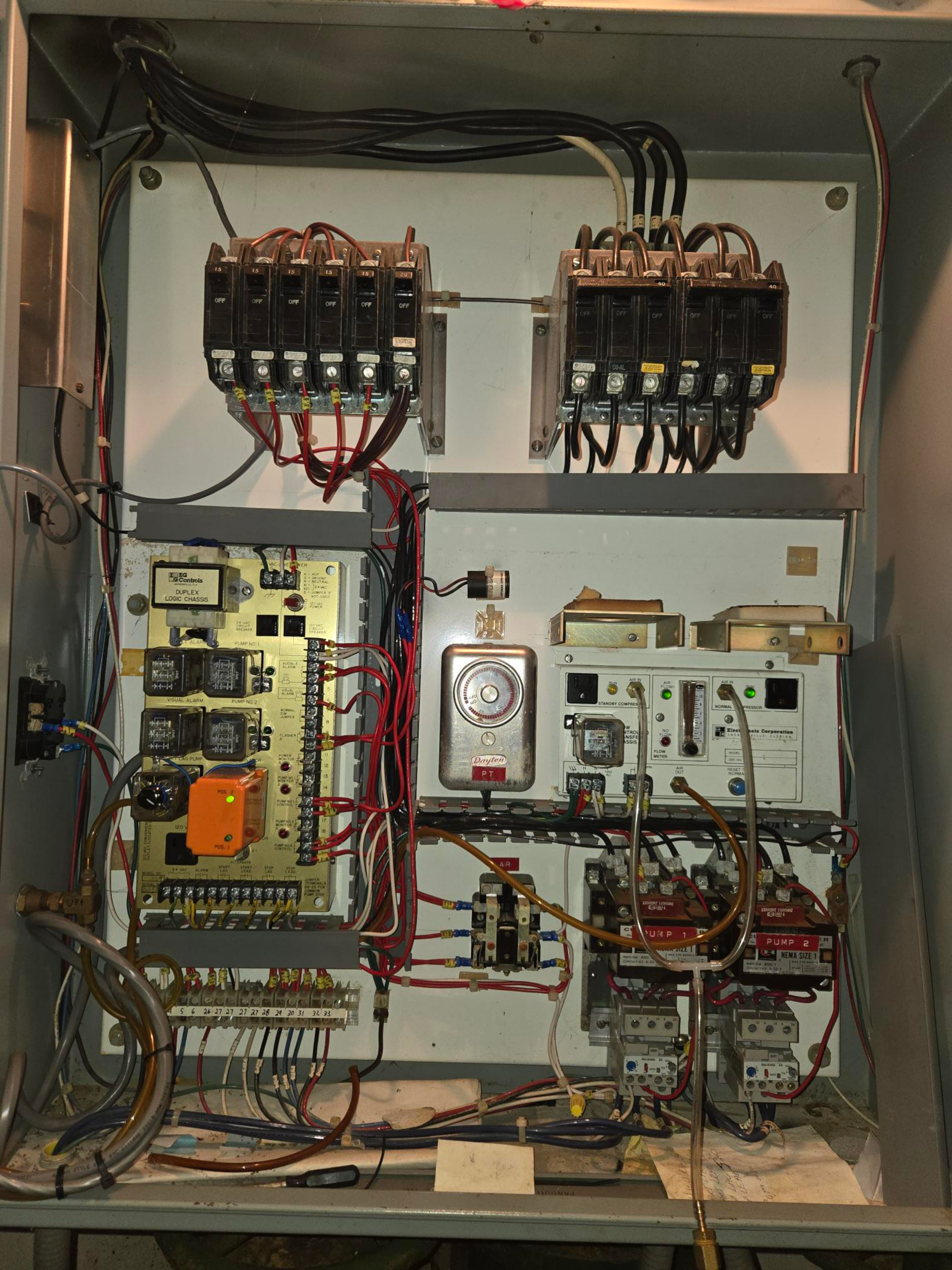
VISUAL ALARM



PUMP NO. 2



PUMP



WIRE CONTROL

WIRE CONTROL

SEPARATE CONTROL

CONTROL CIRCUIT FUSEHOLDER KIT

AUXILIARY CONTACTS

MECHANICAL INTERLOCK KIT

RENEWAL PARTS

TERMINAL BLOCK

Cutter-Hammer M.T.N.

EG Pump Controls A Division of Electromate Corporation

FACTORY NO. 059855-3 DATE 5-15-80

VOLTAGE 240 PHASE 3 HZ 60

CONTROL VOLTAGE 120/240 WIRE 4

DIAG. 0-5588-15

30.4 HORSEPOWER 2 1/2

Electrical control panel with various components including relays, switches, and wiring.

Electrogage Model 10FW3 pressure gauge with multiple pressure ports and electrical connections.

LOW PRESSURE

HIGH PRESSURE

CAUTION DO NOT EXCEED PRESSURE 150 PSI

TEMPERATURE MAX. 150°F MIN. -30°F

ELECTRICAL: UL CLASS 2 POWER SUPPLY 20 VAC/DC MAX. MAX. INDUCTIVE CURRENT 25 VA MAX. EACH CONTACT 100 VA MAX. TOTAL LOAD ON COMMON

RECYCLABLE MATERIAL CONSERVE OUR RESOURCES MFG. WILL PAY \$80 FOR RETURN OF GAUGE CALL COLLECT, ASK FOR ELECTROGAGE RECYCLE

COMMON SERIAL NO. 059855

EG Controls Jacksonville, Florida

Electrogage MODEL 10FW3 U.S. PATENT NO. 4,357,081 U.S. PATENT NO. 4,355,953

Two blue-handled valves at the bottom of the panel.

EG Controls Jacksonville, Florida

C320FBR1	C320FBR	Type	Contacts	Catalog Number
Kit required when branch circuit protective device is rated 45 amps or greater.		Class CC	N.O. N.C. N.O.-N.C.	C320KA1 C320KA2 C320KA3
SUITABLE FOR USE ON A CIRCUIT CAPABLE OF DELIVERING NOT MORE THAN $\star$ rms SYMMETRICAL AMPERES, 600 VOLTS MAXIMUM. $\star$ NEMA SIZE 0, 1, 2, & 3 DEVICES: 5000 $\star$ NEMA SIZE 4 DEVICES: 10,000				
RENEWAL PARTS Magnet Coil— Specify the number stamped on the coil. Contacts — For a complete set of main contacts, specify the CONTACT KIT number stamped on the nameplate. For complete Renewal Parts Information specify PARTS PUB number stamped on the nameplate which may be obtained from a local Cutler-Hammer Representative.			MECHANICAL INTERLOCK KITS	
			For Use With Starter Size	Catalog Number
			0 & 1 2 3 4	C321KM1 C321KM12 C321KM13 C321KM3
			TERMINAL BLOCK	
			Cat. No. — C320TB1	
			TRANSIENT SUPPRESSOR 120 V. Max	
			Cat. No. — C320AS1	
Cutler-Hammer E.T.N Pub. 16032 Made in U.S.A. 186				

 EG Pump Controls		A Division of Electromate Corporation 7531 Salisbury Road, Jacksonville, Florida 32216	
FACTORY NO	239643-1	DATE	6-13-86
VOLTAGE	240	PHASE	3 HZ 60
CONTROL VOLTAGE	120/24	WIRE	4
DIAG	D-3598-1S		
F.L.A.	30.4	HORSEPOWER	2 @ 5

1974

DD

8

S

STOCKHAM

WWA

2010 WWA



1974

DD

S

S

STOCKHAM

AW WPA



Edodyne Corporation
Smith & Loveless Division
AN AFFILIATE OF TRANE UNION CORPORATION
LENEXA, KANSAS 66215

SER. NO. 7910800-3	TYPE Y016
MODEL FL12271-012044	FRAME JVC-2120
PH Y HZ 60	°C RISE 40
HP 5	CODE J
RPM 900	INS. SYS. I
VOLTS 230/460	TIME RATING 100%
AMPS 15.6/7.8	

LR 14556

REDUCED ELECTRIC COMPANY

INDUSTRY DUAL

STAR CONNECTION

LOW VOLTAGE

HIGH VOLTAGE



**THIS MOTOR HAS
REGREASABLE BEARINGS**

FOR NORMAL OPERATION
LUBRICATE EVERY SIX
MONTHS. UNUSUAL
CONDITIONS MAY REQUIRE
LUBRICATION MORE
FREQUENTLY

REMOVE PIPE PLUG FROM
BEARING WHILE ADDING GREASE
INDY. REQUIRED WHEN
PROVIDED WITH PRESSURE
RELIEF FITTING



Ecodyne Corporation
Smith & Loveless Division
AN AFFILIATE OF TRANS UNION CORPORATION
LENEXA, KANSAS 66215

SER. NO. 741866B-3

MODEL FL12271-XX2644

TYPE VOLT

FRAME 110-2840

PH 3 HZ 60

°C RISE 40

HP 5

RPM 900

CODE 1

VOLTS 230/460

INS. SYS. 1

AMPS 15.6/7.8

TIME RATING (CONT)



LR 14556

BD-8

REULAND ELECTRIC COMPANY

INDUSTRY, CALIF

STAR CONNECTION

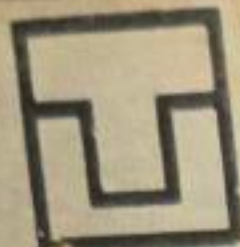
LOW VOLTAGE

HIGH VOLTAGE



BJ-4

THIS MOTOR HAS



Ecodyne Corporation ®
Smith & Loveless Division
AN AFFILIATE OF TRANS UNION CORPORATION
LENEXA, KANSAS 66215

SER. NO.	7418668-2	TYPE	VONH
MODEL	FL12271-XX2644	FRAME	AYO-284U
PH	3	HZ	60
HP	5	°C RISE	40
RPM	900	OR MAX. AMB.	
VOLTS	230/460	CODE	J
AMPS	15.6/7.8	INS. SYS	F
		TIME RATING	CONT

REULAND ELECTRIC COMPANY INDUSTRY, CALIF. HOWELL, MICH. BD-80

STAR CONNECTION





Ecodyne Corporation ®
Smith & Loveless Division
AN AFFILIATE OF TRANS UNION CORPORATION
LENEXA, KANSAS 66215

SER. NO.	7418668-2	TYPE	V0110				
MODEL	FL12271-XX2644	FRAME	AY0-284U				
PH	3	HZ	60	°C RISE	40	OR MAX. AMB.	
HP	5	CODE	J				
RPM	900	INS. SYS	F				
VOLTS	230/460	TIME RATING	CONT				
AMPS	15.6/7.8						

REULAND ELECTRIC COMPANY INDUSTRY, CALIF. HOWELL, MICH.
LR 14556 BD-80



8

LIST

12

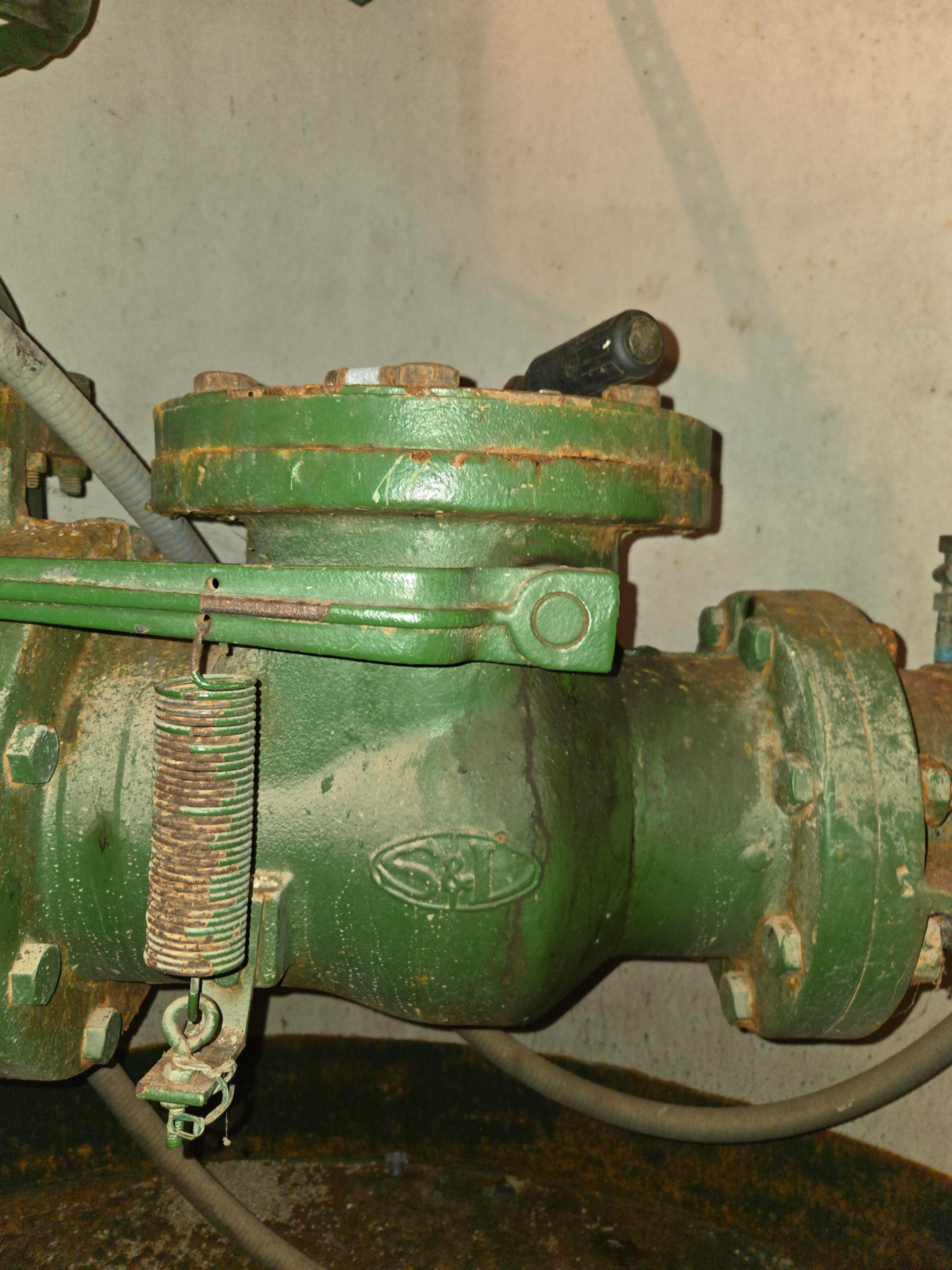
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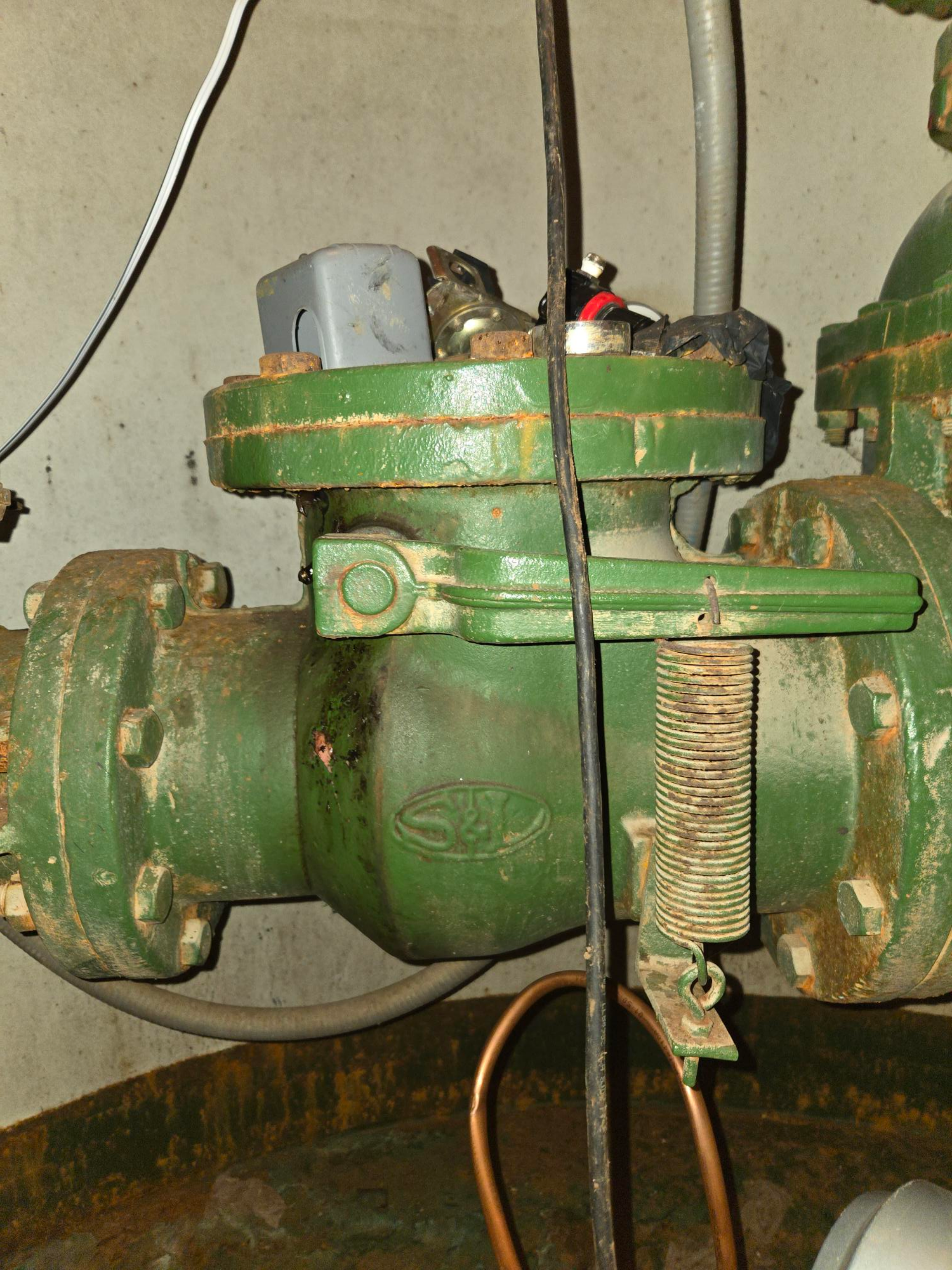
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1974

EDDY IOWA
OSKALOOSA
IOWA



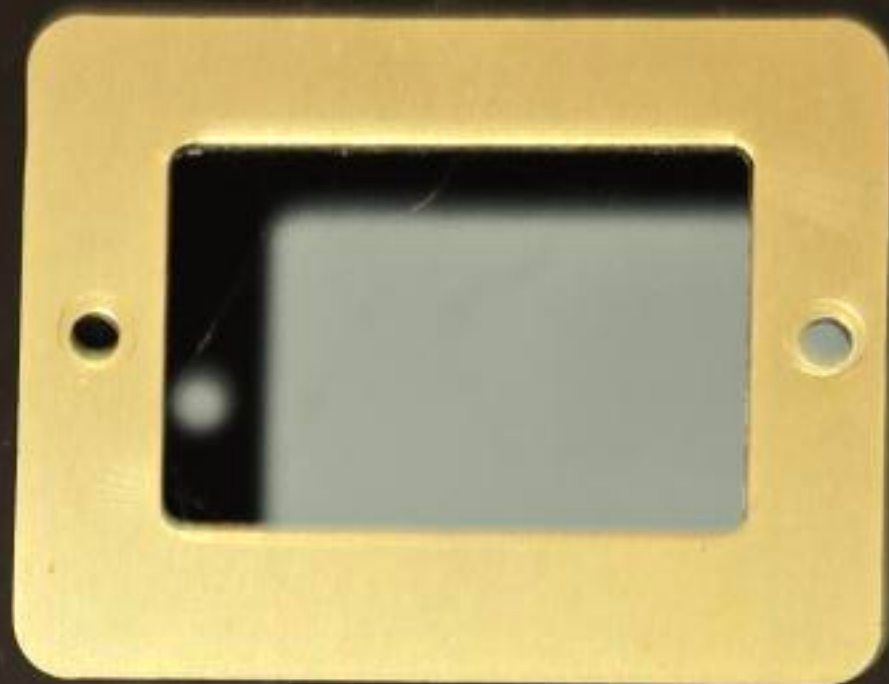








EC Electromate Corporation
JACKSONVILLE, FLA.



PUMP NO. 1

ALARM

PUMP NO. 2

LEVEL ALARM



SILENCE



RUN



**START
LAG PUMP**



RUN



OFF

HAND



AUTO

**24 VAC
POWER**



OFF

HAND



AUTO

FEET AND INCHES OF WATER



Please Recycle

FEET

INCHES



Electrogage[®]

MODEL 10FW3I

EG Controls
Jacksonville, FL

U.S. PATENT NO. 3,947,692
U.S. PATENT NO. 4,297,081

ELECTROGAGE CONTROL

NORMAL

TEST

BLOWDOWN

NDOWN

PORT

PORT

SUMP
PUMP

BLOWER

DEHUMIDIFIER

LIGHTS

LOGIC
CHASSIS

CONTROL
MAIN

15

15

15

15

15

20

OFF

OFF

OFF

OFF

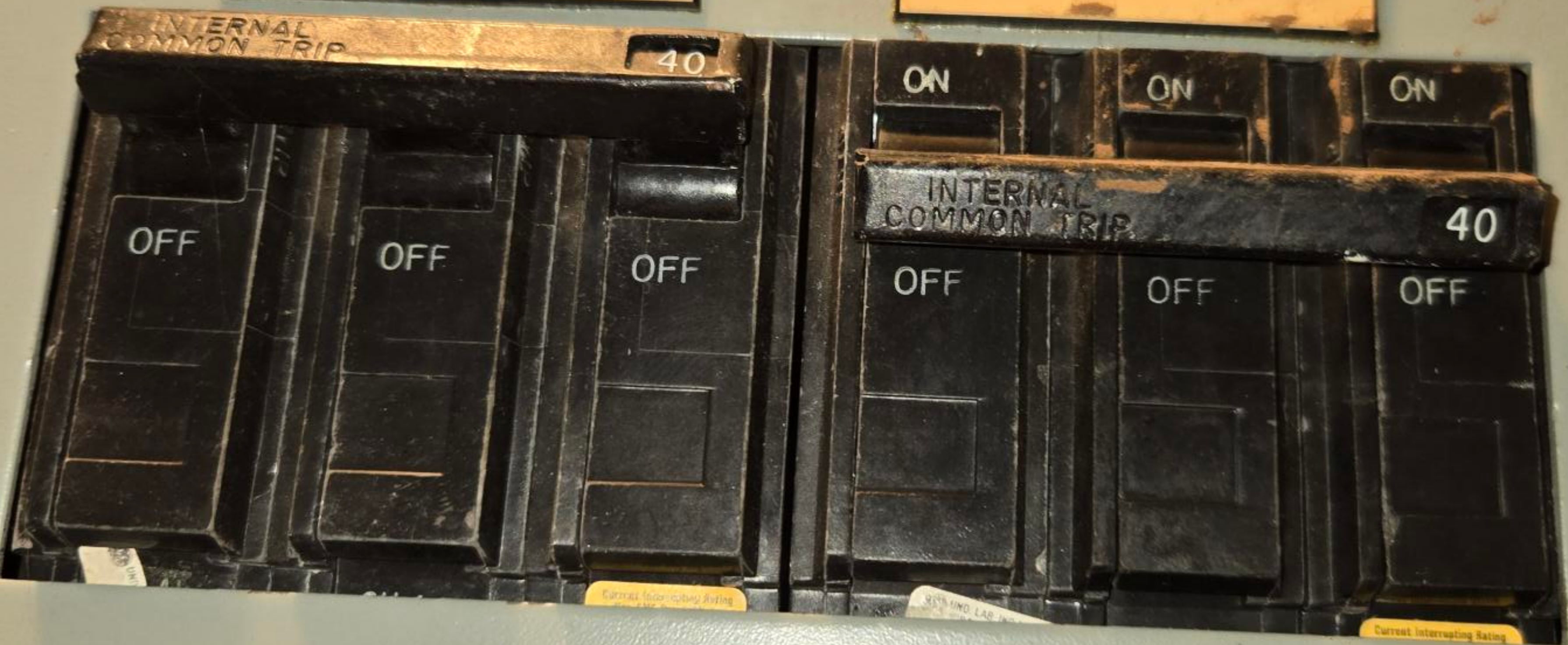
OFF

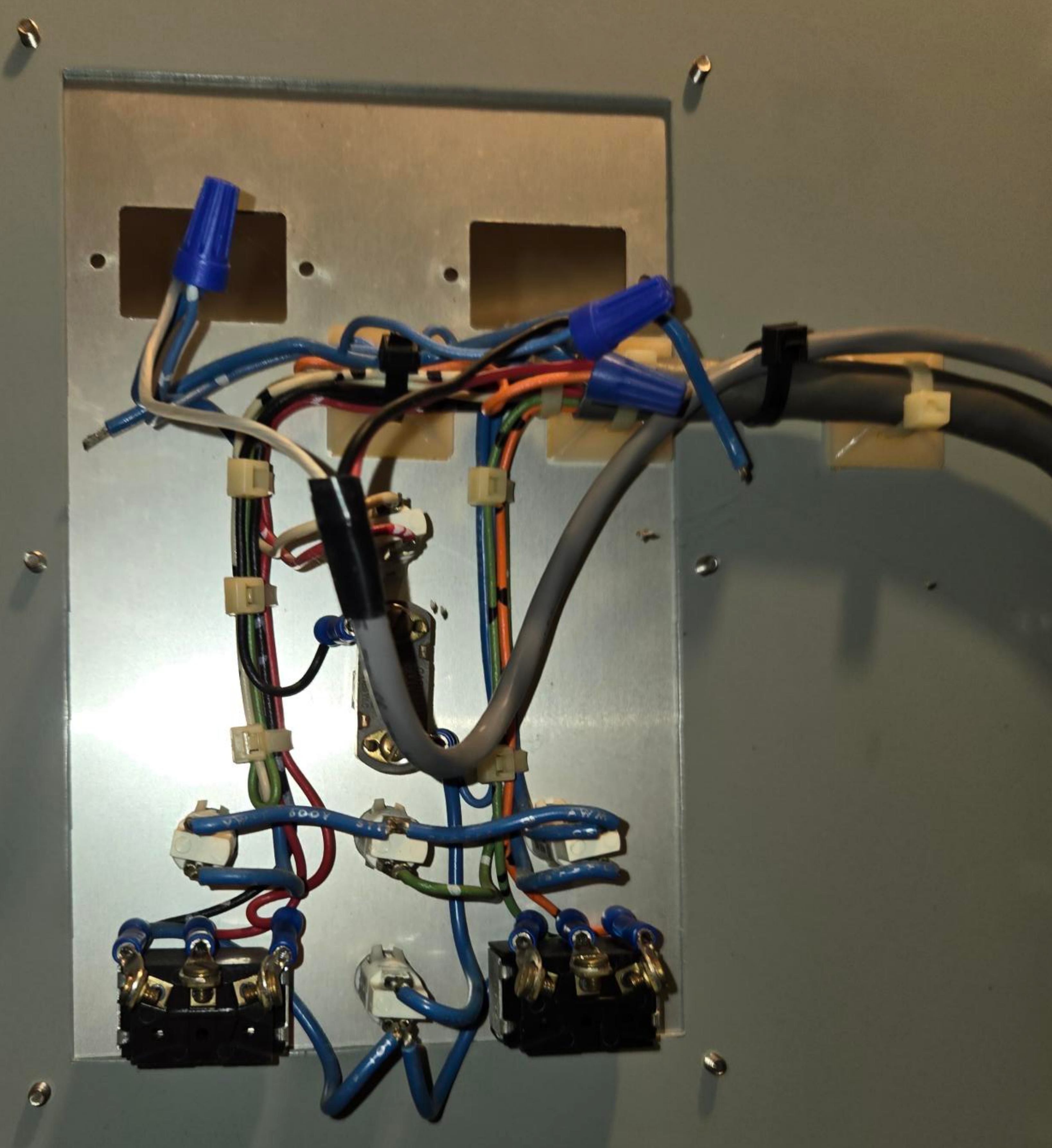
OFF

Current Interrupting Rating
Max. RMS Sym. 120/240 Volts
10,000 Amps
TYPE THQC SWD
CU/AL THQC1120

PUMP No. 1

PUMP No. 2





!!WARNING!!
When setting up this equipment for operation, be sure to check tightness of all electrical terminal connections, clamps, screws, etc. as these may have become loose in shipment. It is also advisable to re-tighten all electrical connections after equipment has been in operation and components have been reached.
ELECTROGAGE CORPORATION

EG Pump Controls
A Division of Electromate Corporation
7121 Salisbury Road, Jacksonville, Florida 32216

FACTORY NO.	239643-2	DATE	6-13-86
VOLTAGE	240	PHASE	3
CONTROL VOLTAGE	120/24	HZ	60
DIAG	D-3598-15	WIRE	4
F.L.A.	30.4	HORSEPOWER	2.5

LOW PRESSURE **HIGH PRESSURE**

9' 9" 0' 0"
9' 3" 9' 6"
8' 9" 9' 0"
8' 3" 8' 6"
7' 3" 7' 6"
6' 9" 7' 0"
6' 3" 6' 6"
5' 9" 6' 0"
5' 3" 5' 6"
4' 9" 4' 6"
3' 9" 3' 0"
3' 3" 2' 6"
2' 9" 2' 0"
2' 3" 1' 6"
1' 9" 1' 0"
1' 3" 0' 6"
0' 9" 0' 0"

CAUTION
DO NOT
PRESSURE
TEMPERATURE
MAX. 150
MIN. -30
ELECTRICAL
UL CLASS
30 VAC/D
MAX. 150
100 VA MAX
LOAD ON C

HIGH LEVEL ALARM
START LAG PUMP
STOP LAG PUMP
STOP LAG PUMP

RECYCLABLE MATERIAL
SERVE OUR RESOURCES
MFG. WILL PAY \$50
FOR RETURN OF GAUGE
CALL COLLECT, ASK FOR
ELECTROGAGE RECYCLE

Electrogage
MODEL 10FW3 I
U.S. PATENT NO. 4,297,081
U.S. PATENT NO. 4,380,933

EG Controls
Jacksonville, Florida

SERIAL NO.
SN 4203

COMMON

Electromate Corporation
JACKSONVILLE, FLA.
DUPLEX LOGIC CHASSIS

120 VAC POWER
H = HOT
G = GROUND
N = NEUTRAL
X1 = } 24 VAC
X2 = }
Δ = JUMPER IF NOT USED.

24 VAC CIRCUIT BREAKER

120 VAC CIRCUIT BREAKER



VISUAL ALARM

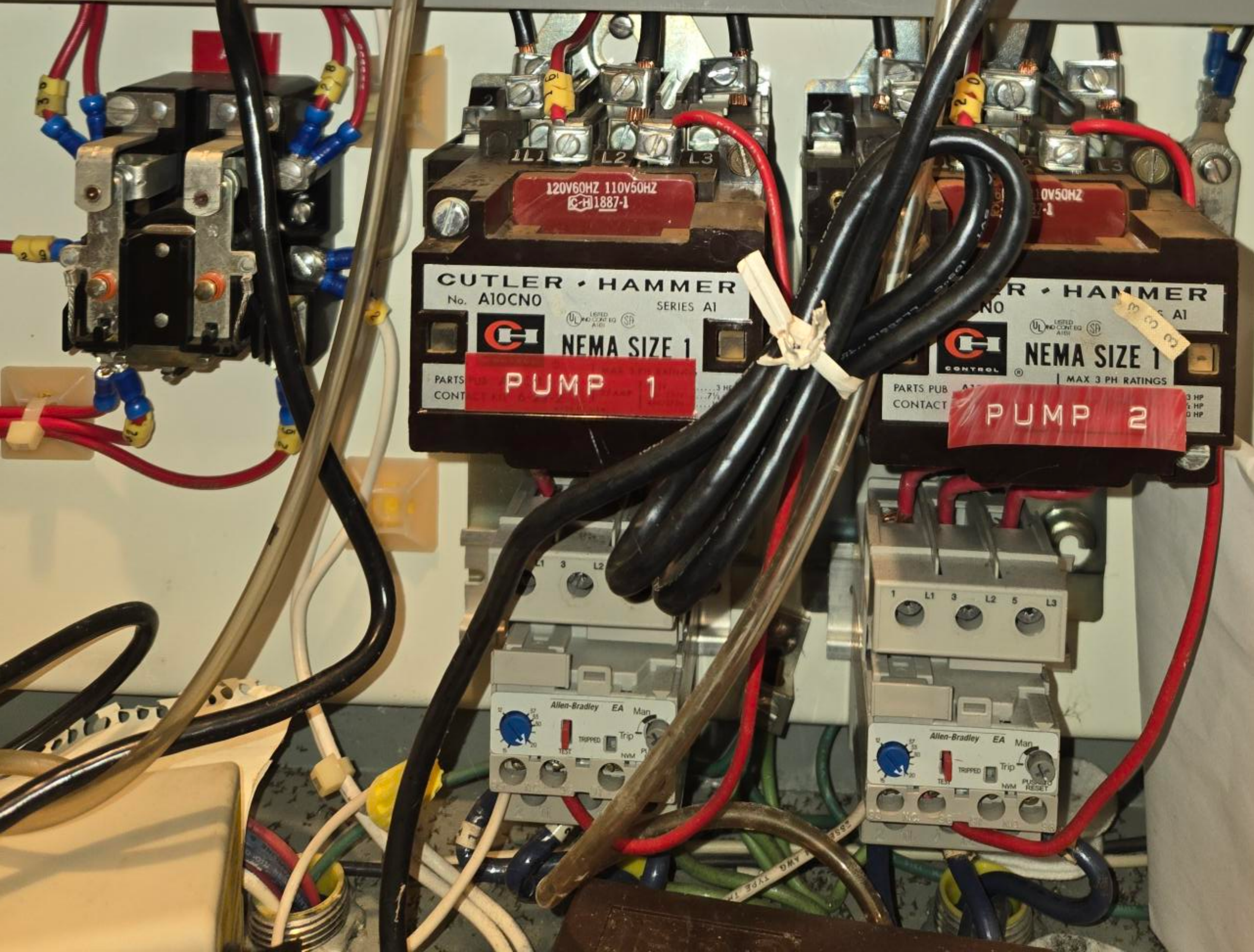
PUMP NO. 2

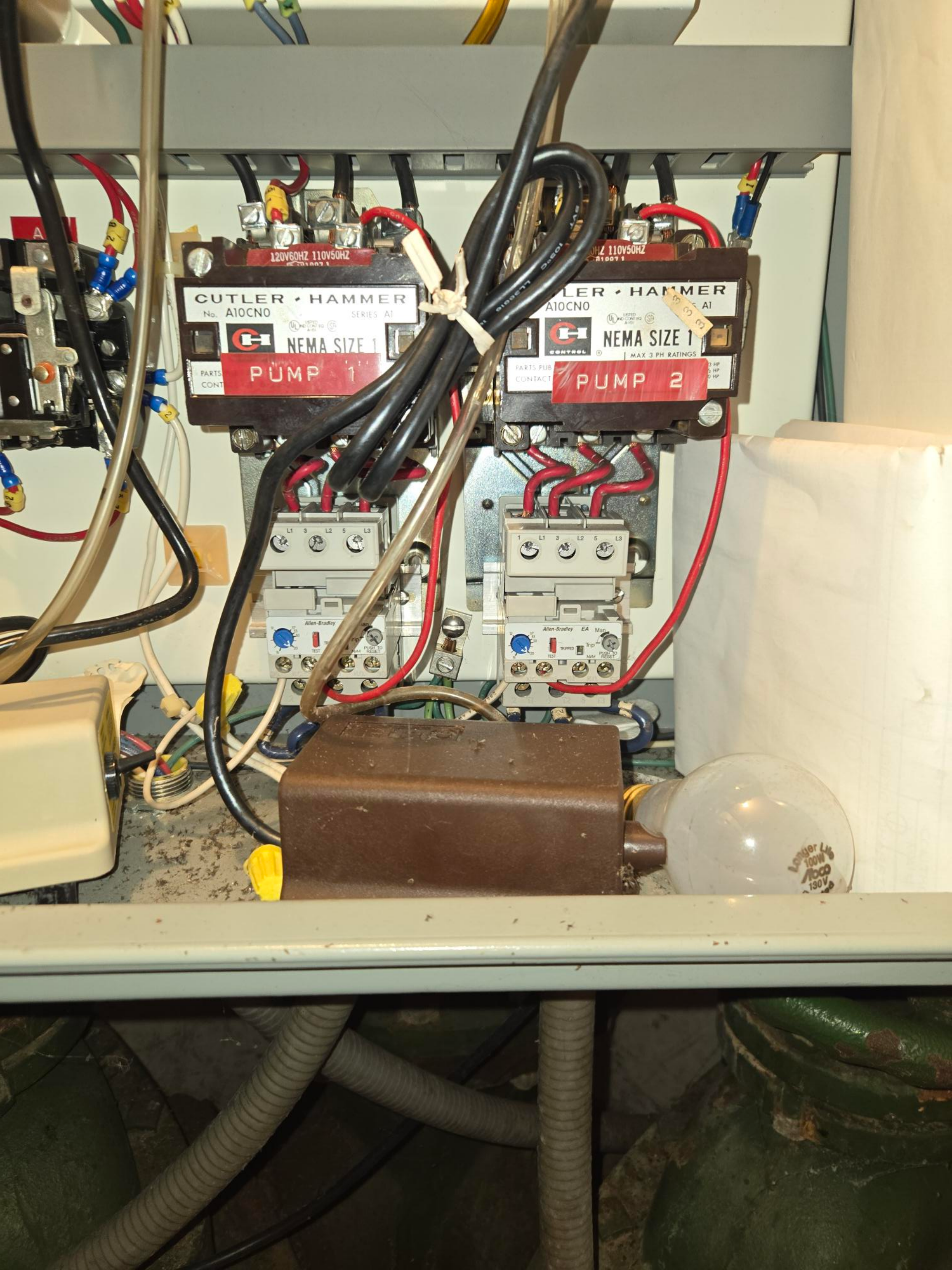


START LAG PUMP

ALTERNATOR













8

LIST 12

125 W

CAST







1974

DD

S

S

STOCKHOLM

AWWA

200







Ecodyne Corporation
Smith & Loveless Division
An Affiliates of The United Corporation

PUMP DATA

Size	6 1/2 3 3/4	7407566501
GPM	775	15
90th A.O.D. Series	101	11.10H
Lowest A.O.D. Series	6021	

919/666 5201

 **Ecodyne Corporation**
Smith & Loveless Division
An Affiliate of Trans Union Corporation

PUMP DATA

Size	6 b 3	Serial	740756501
GPM	775	@	15 ft. TDH

96th & Old Santa Fe Trail
Leawexa, Kansas 66215 913/888 5201





ECODYNE

Smith & Loveless
Division

DAILY MAINTENANCE AND INSPECTION RECORD

USE WAX PENCIL TO MAKE ENTRIES - CHART CAN BE CLEANED WITH SOAP AND WATER WHEN FILLED

INSPECT PUMP STATION EACH DAY AND RECORD THE DATE AND YOUR INITIALS

1-10-94	1897.8	341.0	345.0
2-10-94	1891.0	356.0	350.0
4-2-94	1891.7	360.9	
4-9-94	1894.5	362.3	
4-16-94	1895.7	363.5	
4-23-94	1896.4	364.5	
4-30-94	1898.0	365.6	
5-7-94	1899.1	366.7	
5-21-94	1901.4	367.1	
7			

Smith & Loveless **FACTORY-BUILT** Pump Station

MAINTENANCE and OPERATING INSTRUCTIONS

YOUR SMITH & LOVELESS PUMP STATION IS A COMPLETE FACTORY-BUILT UNIT, INCLUDING ALL INTERIOR EQUIPMENT READY TO OPERATE. IT HAS BEEN THOROUGHLY TESTED AT THE FACTORY BY ACTUAL OPERATION ON OUR TEST FLOOR. EVERY ITEM OF MECHANICAL AND ELECTRICAL EQUIPMENT HAS BEEN OPERATED AND FOUND FREE OF ANY DEFECTS. YOUR PUMP STATION WILL GIVE CONTINUOUS TROUBLE-FREE SERVICE WITH REASONABLE CARE AND MAINTENANCE. FOR PROPER MAINTENANCE WE RECOMMEND THE FOLLOWING PROCEDURE:

AIR BUBBLER CONTROL

Check the flow indicator on the compressor suction. If the small discs in the bowl are not fluttering, either the compressor is not operating or the bubbler line is plugged. Try the standby compressor to check the line condition. If line is plugged, check the blow-off valve in the sump pump well to locate stoppage in the line. Once per month, bleed condensation from the line at the blow-off valve. Alternate the compressors monthly.

PUMPS

Operate both pumps manually, one at a time









