

# 3200NXT

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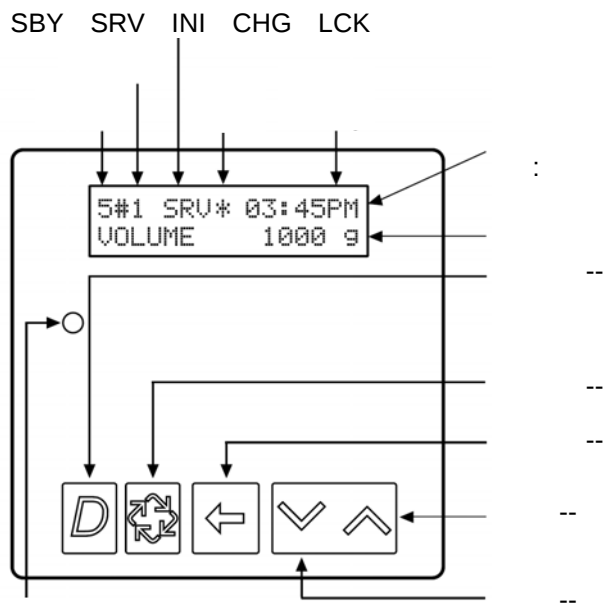


|                |    |
|----------------|----|
|                | 3  |
|                | 4  |
|                | 6  |
|                | 7  |
| -              | 8  |
|                | 9  |
|                | 13 |
|                | 21 |
|                | 22 |
|                | 23 |
| 2750/2850/2900 | 26 |
| 2750/2850/2900 | 27 |
| 3150/3900      | 28 |
| 3150/3900      | 29 |
| 2750/2850/3150 | 30 |
| 2900/3900      | 31 |
|                | 32 |









**CHG** Change of State

CHG

**INI** Initializing

30-45

INI

**RGQ** Regeneration Queued

SRV

RGQ

**SRV** Service

SRV

**LCK** Lock

P4

LCK

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4# SRV 03:45PM  
REGEN IN 07 DAYS

4

4# SRV\* 03:45PM

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1. 4

2. 4

5#1 SRV\* 03:45PM  
VOLUME 1000 g

5

5#3 SRV 03:45PM  
VOLUME 1000 g

5

#3

6#1 SRV\* 03:45PM  
SYSVOL 4000 g

6

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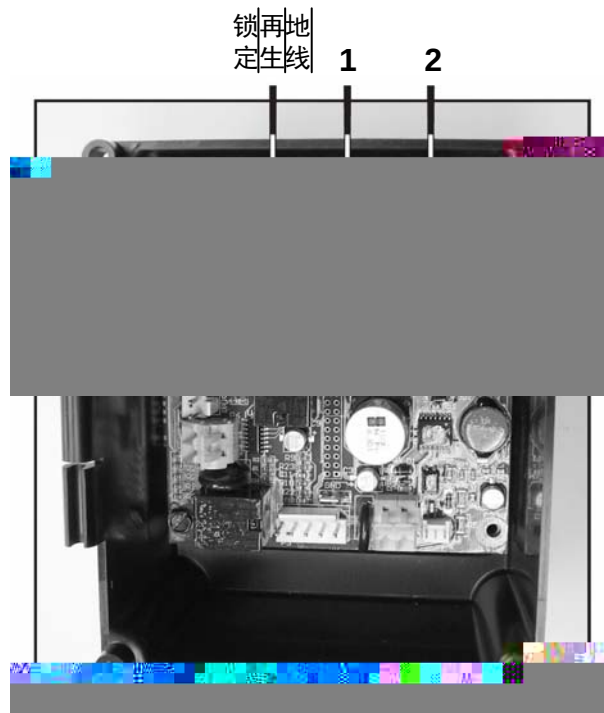
/

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CAT3 CAT5

- 1.
- 2.
- 3.

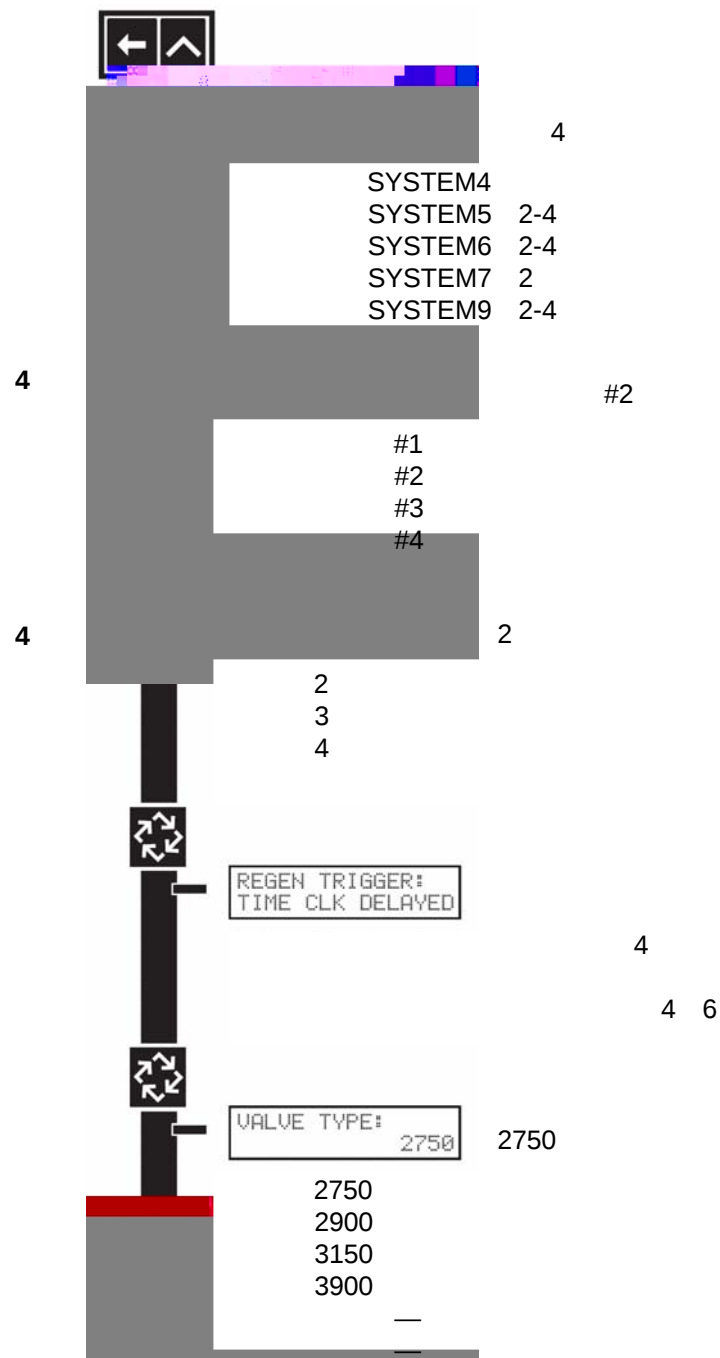
100

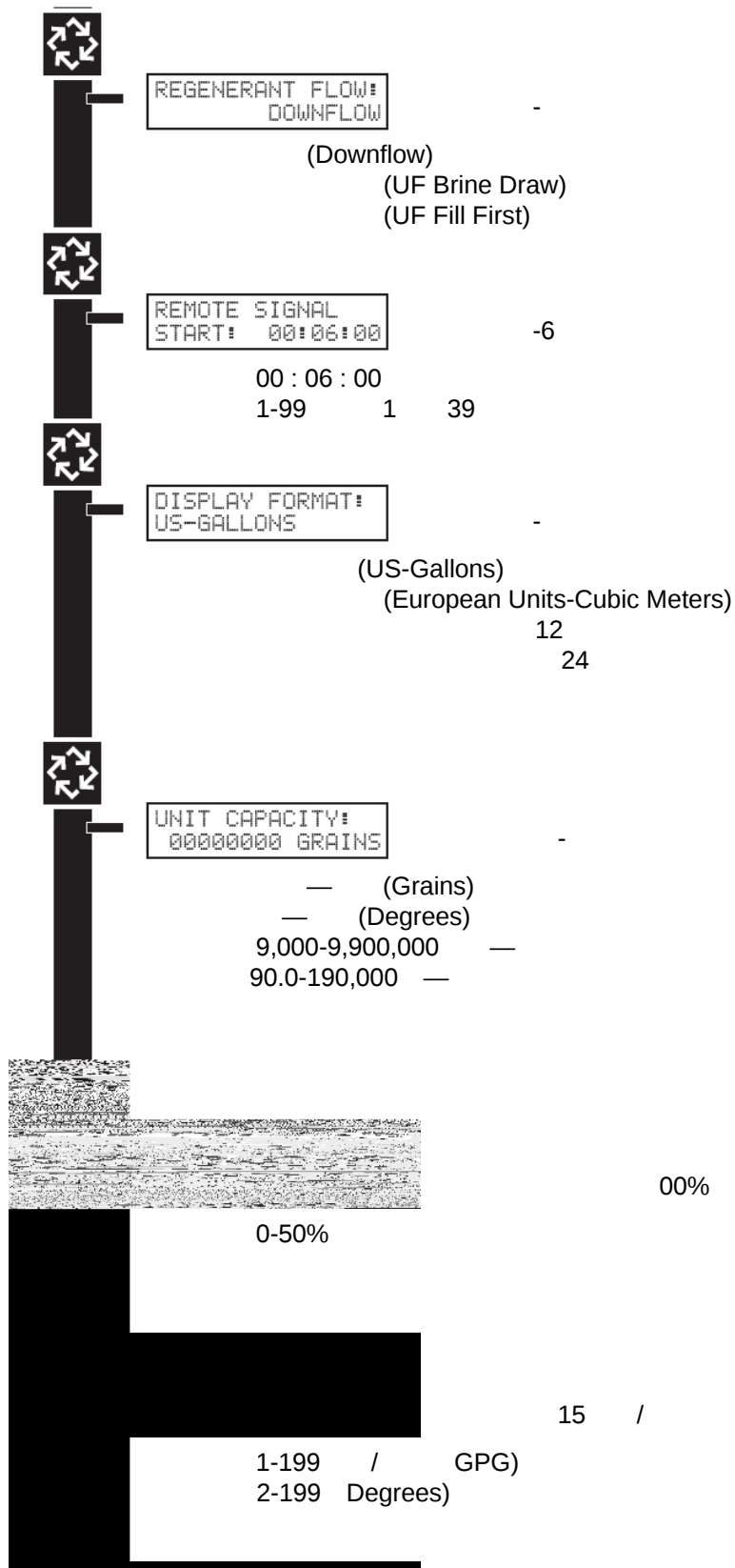


3200NXT

5

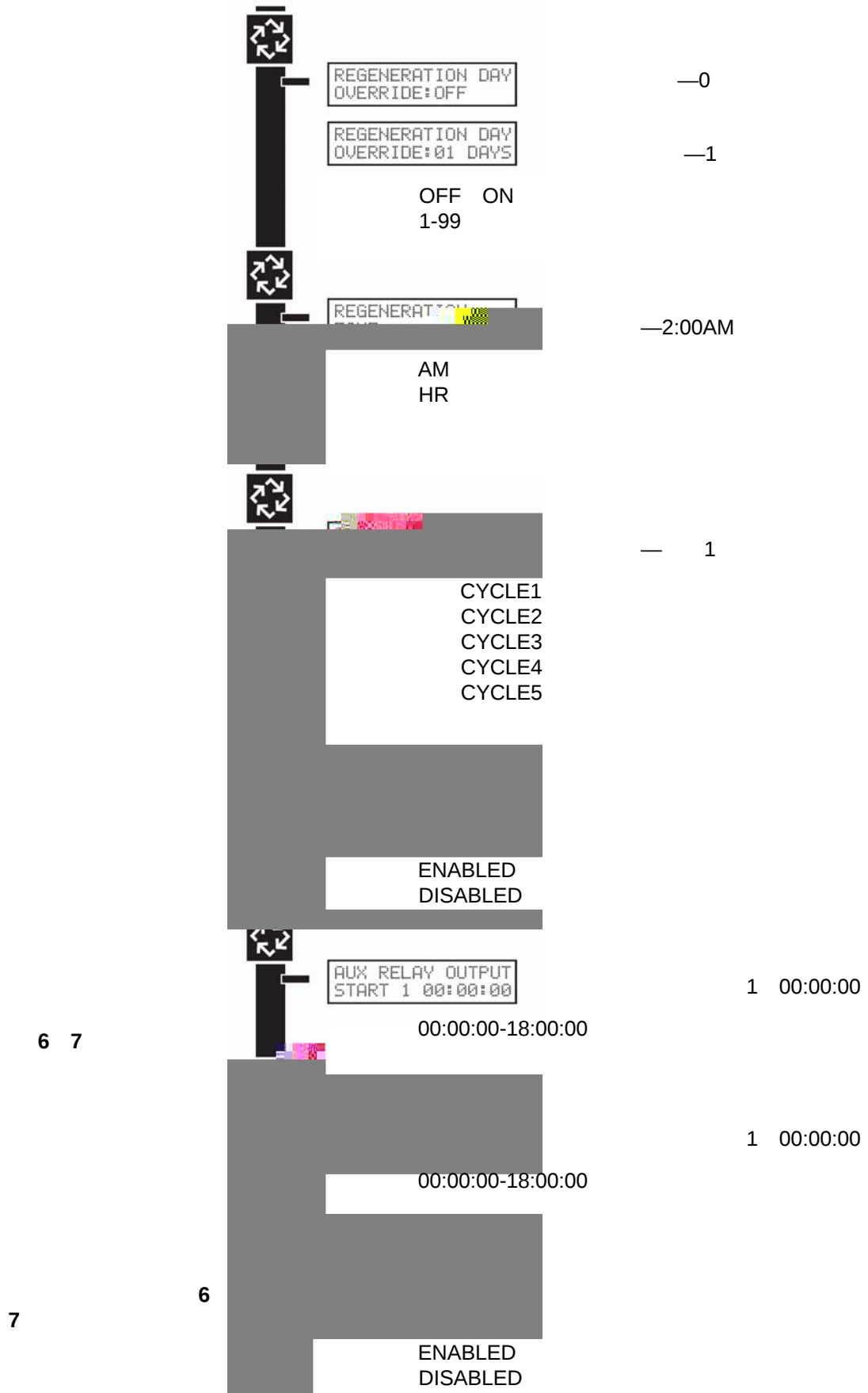
"D"



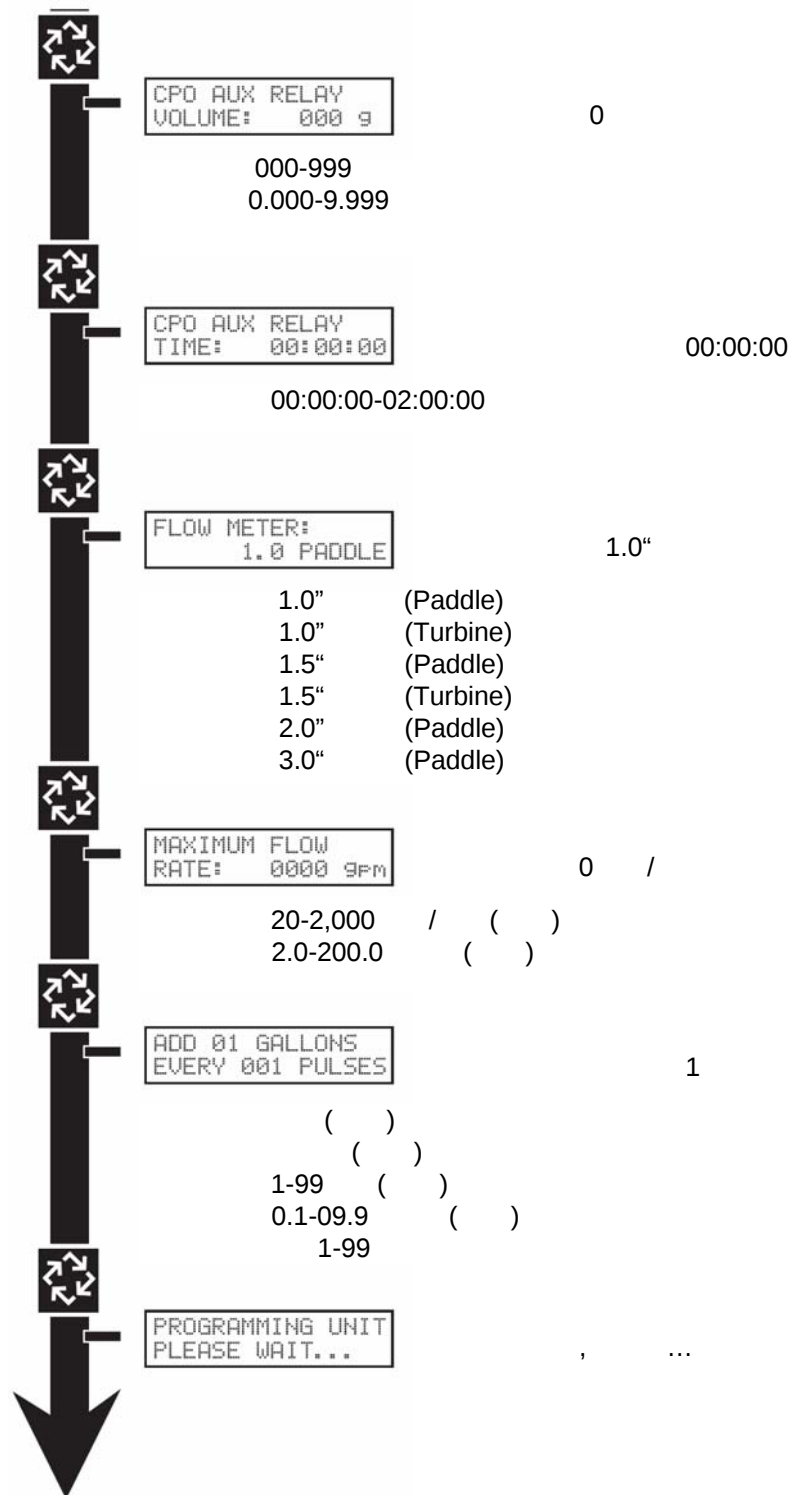


7

6



6 7



\_\_\_\_\_

\_\_\_\_\_

,

- 1. 5
- 2. 12:01PM 12:01HR 5
- 1.
- 2. "D" 5
- 25 12:00PM 12:00HR

1. SYSTEM TYPE

4 5 6 7 9

- 1.
- 2.

SYSTEM TYPE: 4  
SINGLE UNIT

2. VALVE ADDRESS

1 2 3 4 #1

- 1.
- 2.

VALVE ADDRESS:  
# 2

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### 3. SYSTEM SIZE

1 2 3 4

1.

2.

```
SYSTEM SIZE:  
-----
```

### 4. REGEN TYPE

1.

2.

```
REGEN TYPE:  
TIME CLK DELAYED
```

### 5. VALVE TYPE

1.

2.

```
VALVE TYPE:  
2750
```

### 6. REGENERANT FLOW

1.

2.

```
REGENERANT FLOW:  
DOWN FLOW
```

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7.                   **REMOTE SIGNAL**

- 1.
- 2.

REMOTE SIGNAL  
START: 00:00:00

5#1 SRV\* 05:38PM  
SIGNAL 00:06:00

0                   6                   6

8.                   **DISPLAY FORMAT**

- 1.
  - 2.
- 24                   12

DISPLAY FORMAT:  
US-GALLONS

9.                   **UNIT CAPACITY**

- 1.
  - 2.
  - 3.
- 9,000-9,900,000                   300,000  
90.0-199,000                   300.0

UNIT CAPACITY:  
300000 GRAINS

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**10. CAPACITY SAFETY**

0-50% 0%

1.  
2.  
3.

CAPACITY SAFETY  
FACTOR: 00%

**11. FEED WATER HARDNESS**

1-199 / 15 /  
2-199 30

1.  
2.  
3.

FEED WATER  
HARDNESS: 015 GPG

**12. REGENERATION DAY**

1-99 OFF

1.  
2.  
3.

REGENERATION DAY  
OVERRIDE: OFF

REGENERATION DAY  
OVERRIDE: 01 DAYS

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**13. REGENERATION TIME**

02:00AM  
02:00HR

- 1.
- 2.
- 3.

REGENERATION  
TIME: 02:00AM

**14. REGENERATION CYCLE STEPS**

1-5

|  | 1 |    | 2 |    | 3 |    | 4 |    | 5 |    |
|--|---|----|---|----|---|----|---|----|---|----|
|  |   | 10 |   | 1  |   | 10 |   | 12 |   |    |
|  |   | 1  |   | 10 |   | 10 |   | 12 |   |    |
|  |   | 12 |   | 1  |   | 1  |   | 10 |   | 10 |

**15. AUXILIARY RELAY OUTPUT**

16

17

AUXILIARY RELAY:  
ENABLED

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16. ( )

|                                    |
|------------------------------------|
| AUX RELAY OUTPUT<br>START 00:00:00 |
|------------------------------------|

|                                  |
|----------------------------------|
| AUX RELAY OUTPUT<br>END 00:00:00 |
|----------------------------------|

17.

|           |       |
|-----------|-------|
| 0-999     | 1-999 |
| 0.00-9.99 | 1-999 |

- 1.
- 2.
- 3.
- 4.

|                           |
|---------------------------|
| CHEMICAL PUMP:<br>ENABLED |
|---------------------------|

|                                |
|--------------------------------|
| CPO AUX RELAY<br>VOLUME: 000 g |
|--------------------------------|

|                                 |
|---------------------------------|
| CPO AUX RELAY<br>TIME: 00:00:00 |
|---------------------------------|

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## 18. FLOW METER

- 1.0" 2750
- 1.5" 2850/2900
- 2.0" 3150
- 3.0" 3900

- 1.0"
- 1.5"

•

- 1.
- 2.
- 3.

FLOW METER:

## 19. MAXIMUM FLOW

- 1.
- 2.
- 3.

MAXIMUM FLOW  
RATE: 0000 GPM

## 20.

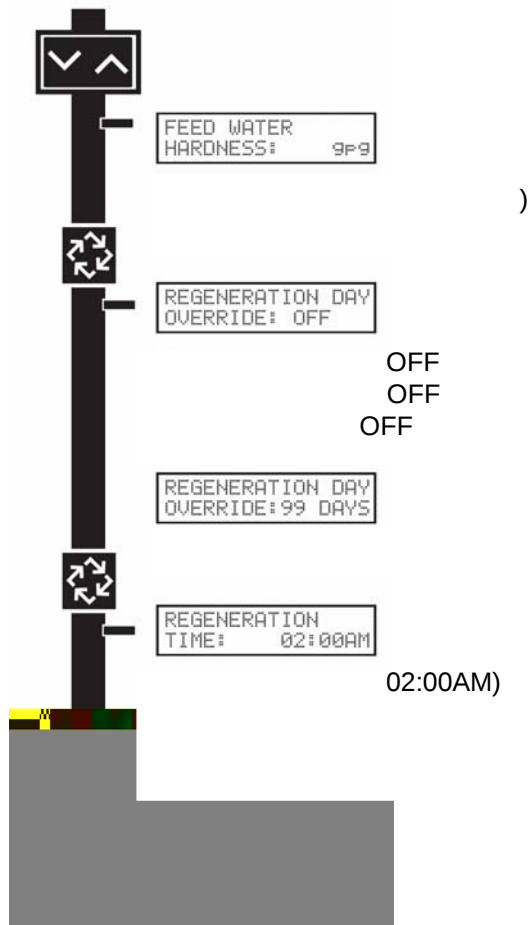
- 1.
- 2.
- 3.

ADD 01 GALLONS

## 21.

PROGRAMMING UNIT  
PLEASE WAIT...

5



6

1. —
2. —
3. —
4. —
5. —

5

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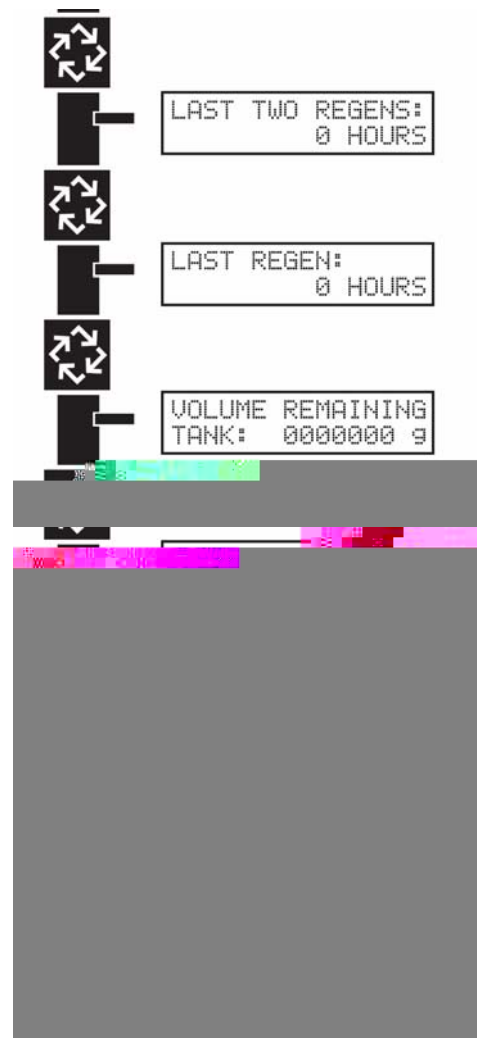
1. "D"

2.

3.

"D"

4.





"D"

"D"

- 1" 75gpm(.28m<sup>3</sup>/m)
- 1.5" 90gpm(.34m<sup>3</sup>/m)
- 2" 175gpm(.66m<sup>3</sup>/m)
- 3" 350gpm(1.32m<sup>3</sup>/m)
- 1" 1.5" 75gpm

CURRENT FLOW  
RATE: 0 gpm

PEAK FLOW RATE:  
0 gpm

- 1.
- 2.

5

CURRENT FLOW  
RATE: 0 gpm

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LAST TWO REGENS:  
0000 HOURS

LAST REGEN:  
0000 HOURS

6

- 1.
- 2.
- 3.

VOLUME REMAINING  
TANK: 0000000 g

6

VOLUME REMAINING  
SYS: 000000000 g

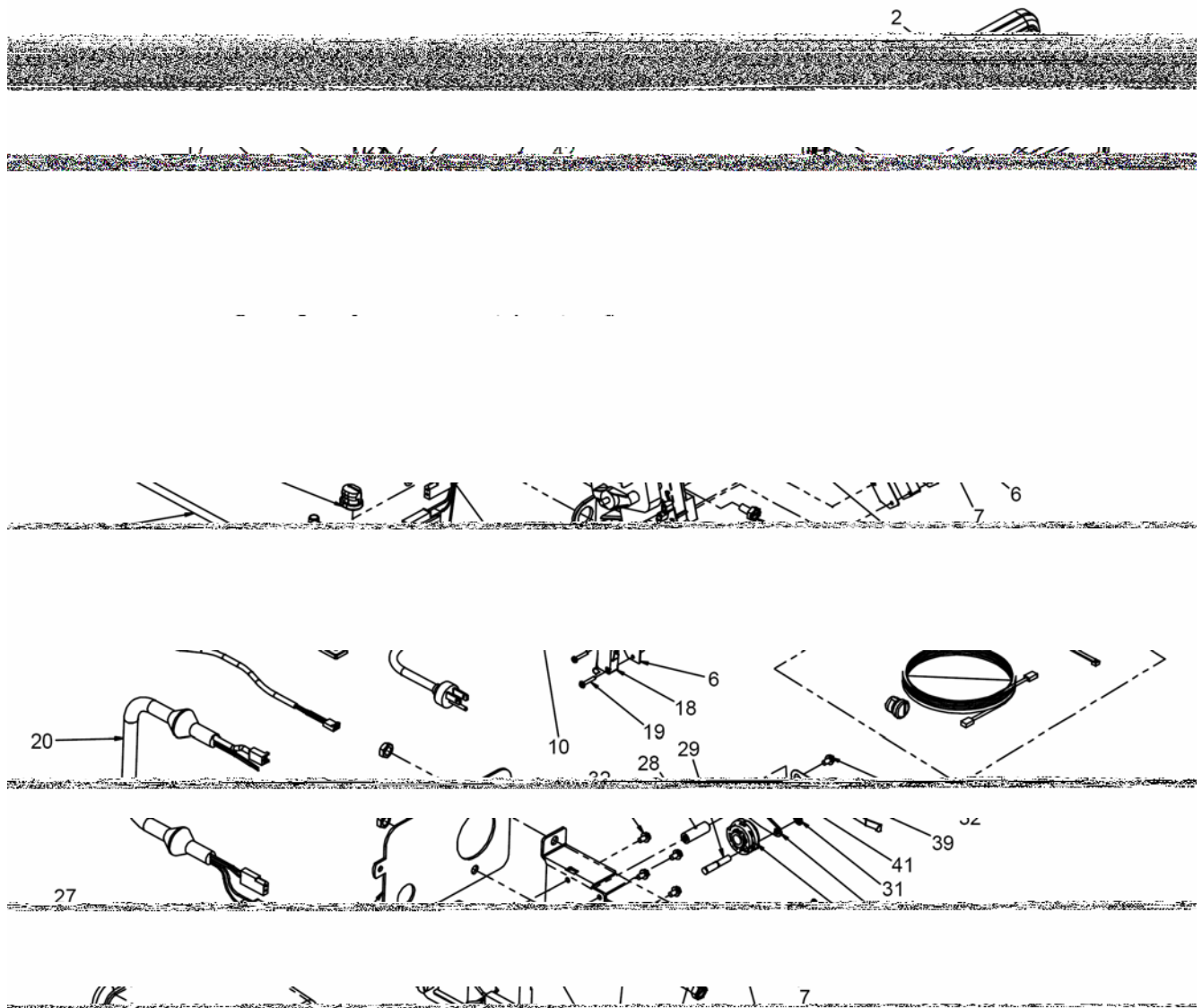
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2

|                       |
|-----------------------|
| VALUE ADDRESS:<br># 2 |
|-----------------------|

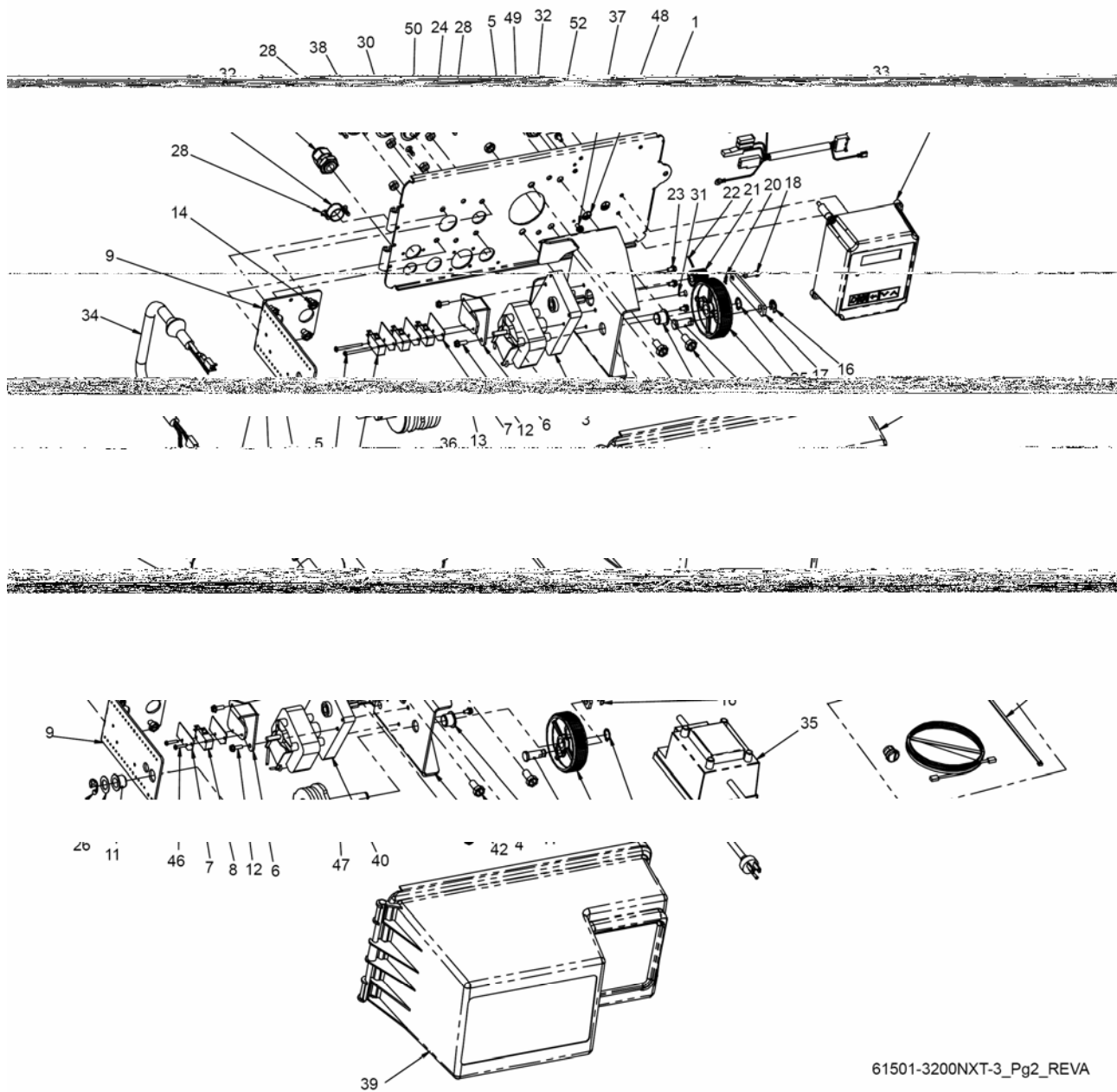
|                      |
|----------------------|
| VERSION: NXT<br>1.00 |
|----------------------|



## 2750/2850/2900

| Item No. | Quantity | Part No. | Description                                   |
|----------|----------|----------|-----------------------------------------------|
| 1        |          |          |                                               |
| 6        | 5        | 10302    | insulator, limit switch                       |
| 7        | 3        | 10218    | switch, micro                                 |
| 8        | 2        | 10231    | screw, slot hex, 1/4 - 20 x 1/2               |
| 9        | 1        | 41544    | motor, drive, 24V, 50/60 Hz                   |
| 10       | 1        | 12777    | cam, sh                                       |
|          |          | 41049    | transformer, euro, 230V/24V 108VA             |
|          |          | 41050    | transformer, aust, 230V/24V, 108VA            |
| 13       | 1        | 40601    | plug, 750 dia, recessed, black                |
| 17       | 1        |          |                                               |
|          |          | 19121-09 | meter cable assy, NT, 99.5" w/connector       |
| 27       | 1        | 00217-02 | cover assy, 2900, lower, black, environmental |
| 28       | 1        | 18626    | spacer, indicator                             |
| 29       | 1        | 18746    | bearing, connecting rod                       |
| 30       | 2        | 11224    | screw, hex                                    |
| 34       | 1        | 11381    | pin, roll, 2900/3900                          |
| 35       | 1        | 14759    | link, piston rod                              |
| 36       | 1        | 14769    | bracket, motor, 2900                          |
| 37       | 1        | 14775    | cam, drive, 2900                              |

# 3150/3900

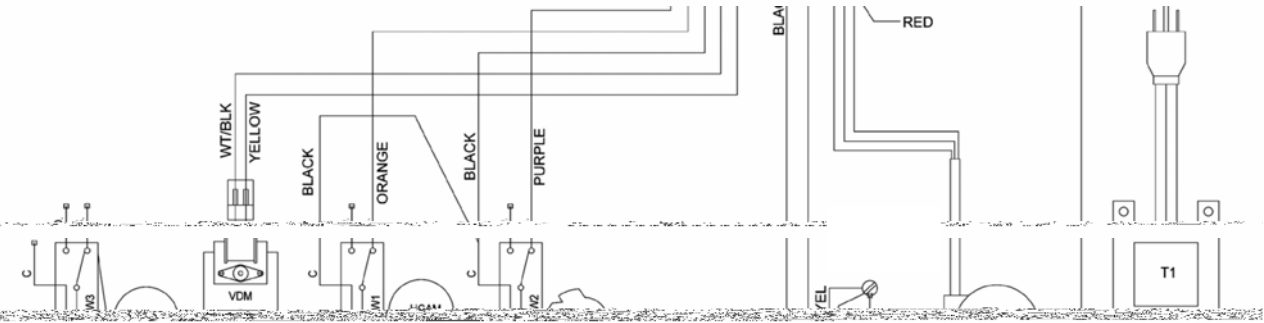
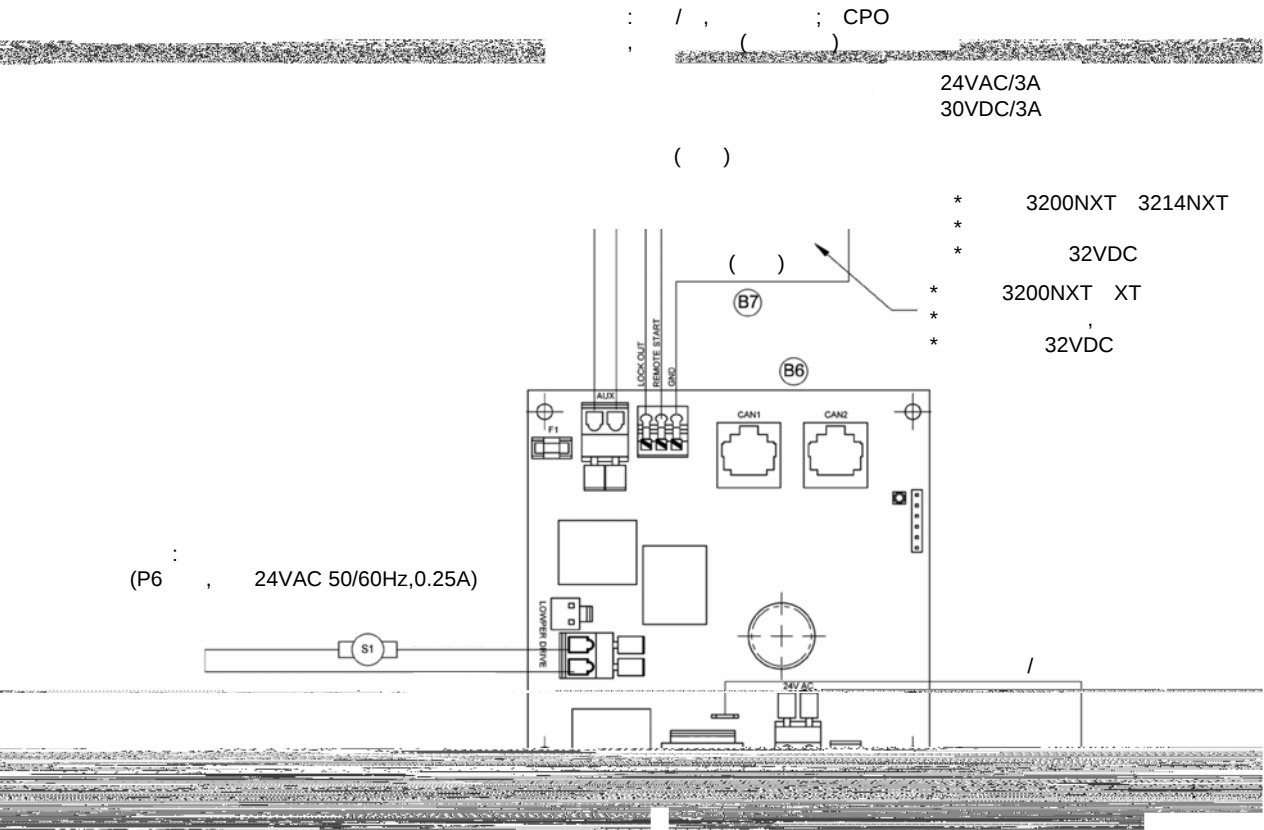


61501-3200NXT-3\_Pg2\_REVA

## 3150/3900

| Item No. | Quantity | Part No. | Description                        |
|----------|----------|----------|------------------------------------|
| 1        | 1        | 19304-04 | backplate, 3150/3900               |
| 2        | 1        | 15120    | bracket, motor mtg, 3150/3900      |
| 3        | 1        | 40391    | motor, drive, 24V, 50/60 hz, sp    |
| 4        | 8        | 11224    | screw, hex hd, 5/16 - 18 x 5/8, ss |
| 5        | 4        | 16346    | nut, hex, jam, 5/16 - 18, 18-8-ss  |
| 6        | 2        | 17797    | bracket switch mounting 3150/3     |
| 8        | 4        | 10218    | switch, micro                      |
| 9        | 2        | 160      |                                    |
| 16       | 3        | 11774    | ring, retaining                    |
| 17       | 2        | 16047    | link, drive                        |
| 18       | 2        | 11709    | pin, drive link                    |
| 19       | 1        | 16048    | bearing, drive link                |
| 20       | 1        | 11000    | link, 3150/3900                    |
| 33       | 1        | 40941    | wire harness                       |
| 37       | 1        | 14202-01 | screw, hex wsh, 8-32 x 5/16        |
| 38       | 1        | 17421    | plug, 1.20 hole                    |
| 39       | 2        | 60240-02 | cover assy, 3150/3900, env, black  |
| 40       | 1        | 40392    | motor, drive, 115V, 50/60Hz, sp    |
| 45       | 1        | 16048    | bearing, drive link                |
| 46       | 2        | 11805    | screw, rd hd, 4-40 x 5/8, type 1   |
| 47       | 1        | 16495    | cam assy, 3900                     |

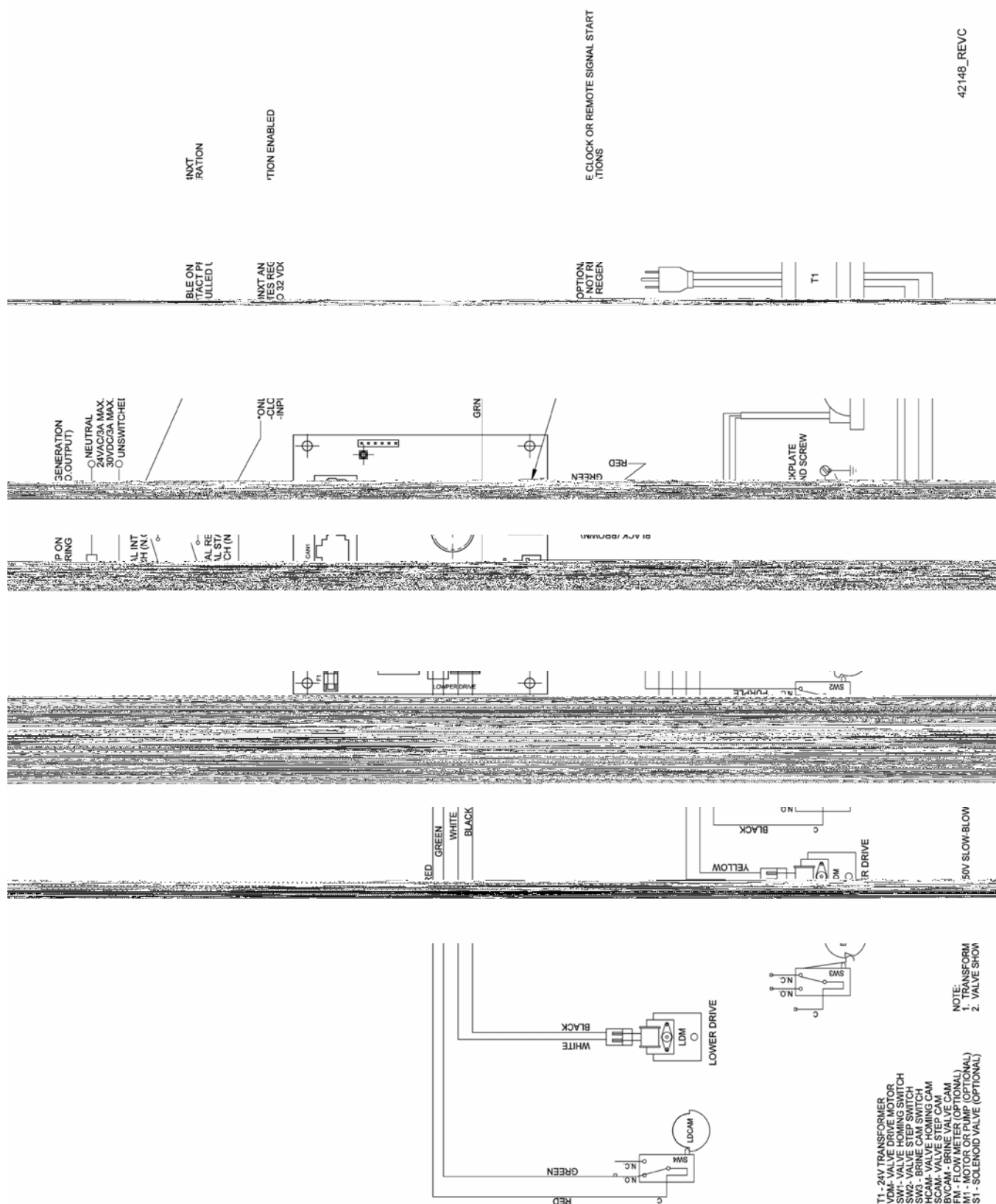
2750/2850/3150



- T1-24V
- VDM-
- SW1-
- SW2-
- SW3-
- HCAM-
- SCAM-
- BVCAM-
- FM- ( )
- M1- ( )
- S1-

**2900/3900**

42148\_REVC



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DETECTED ERROR=

1.

#1

DETECTED ERROR=  
NO MESSAGE #1

1.

2.

3.

#1

DETECTED ERROR=

1.

2.

3.

#3

#3

DETECTED ERROR=

1.

#1

DETECTED ERROR=  
EXCEED UNIT SIZE

1.

DETECTED ERROR=  
MATCHING ADDRESS

1.

|        |    |
|--------|----|
|        |    |
| A.     | A. |
| B.     | B. |
| C. ( ) | C. |
| D. ( ) | D. |
| E. ( ) | E. |