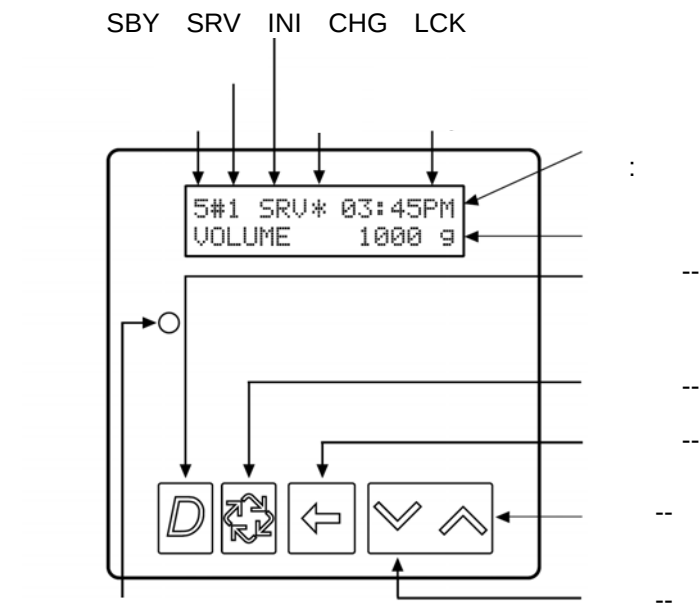


3200NXT



	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

RGQ Regeneration Queued

SRV Service

LCK Lock
P4

30-45 INI
SRV
RGQ
SRV
LCK

4# SRV 03:45PM
REGEN IN 07 DAYS

4

4# SRV* 03:45PM

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

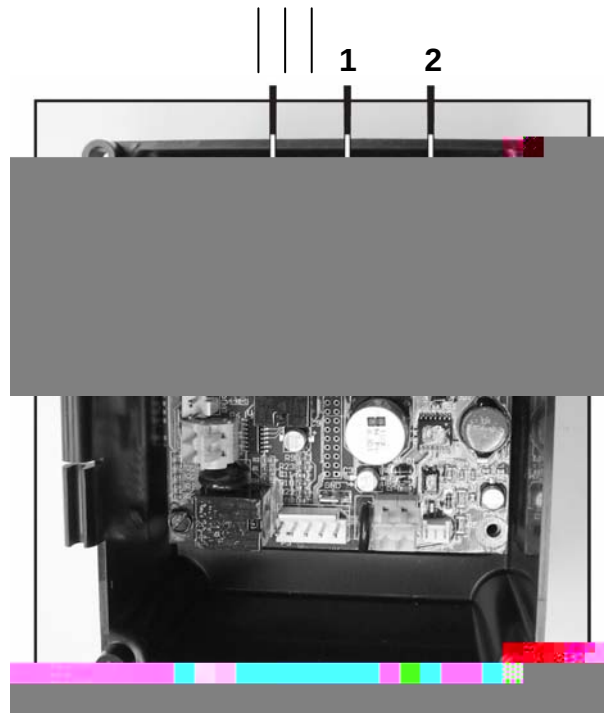
6

/

CAT3 CAT5

- 1.
- 2.
- 3.

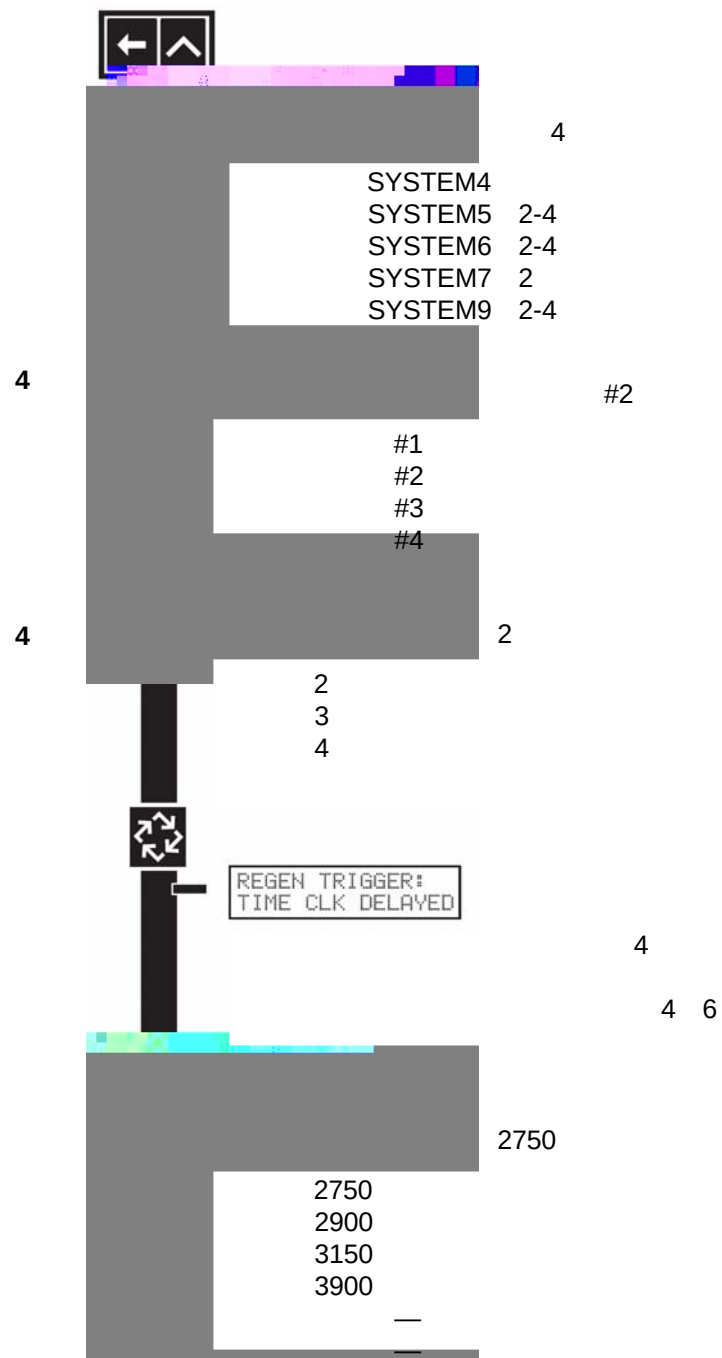
100

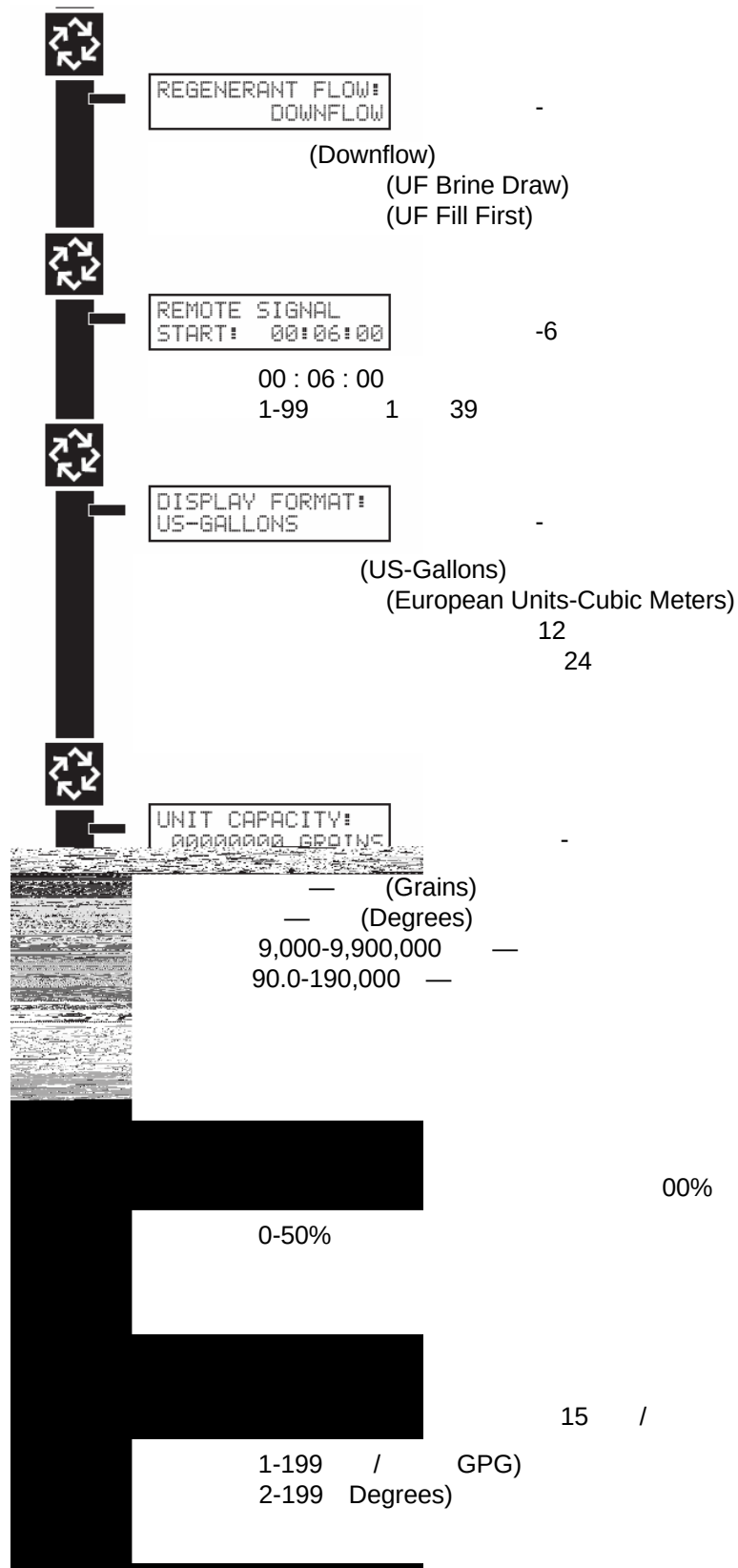


3200NXT

5

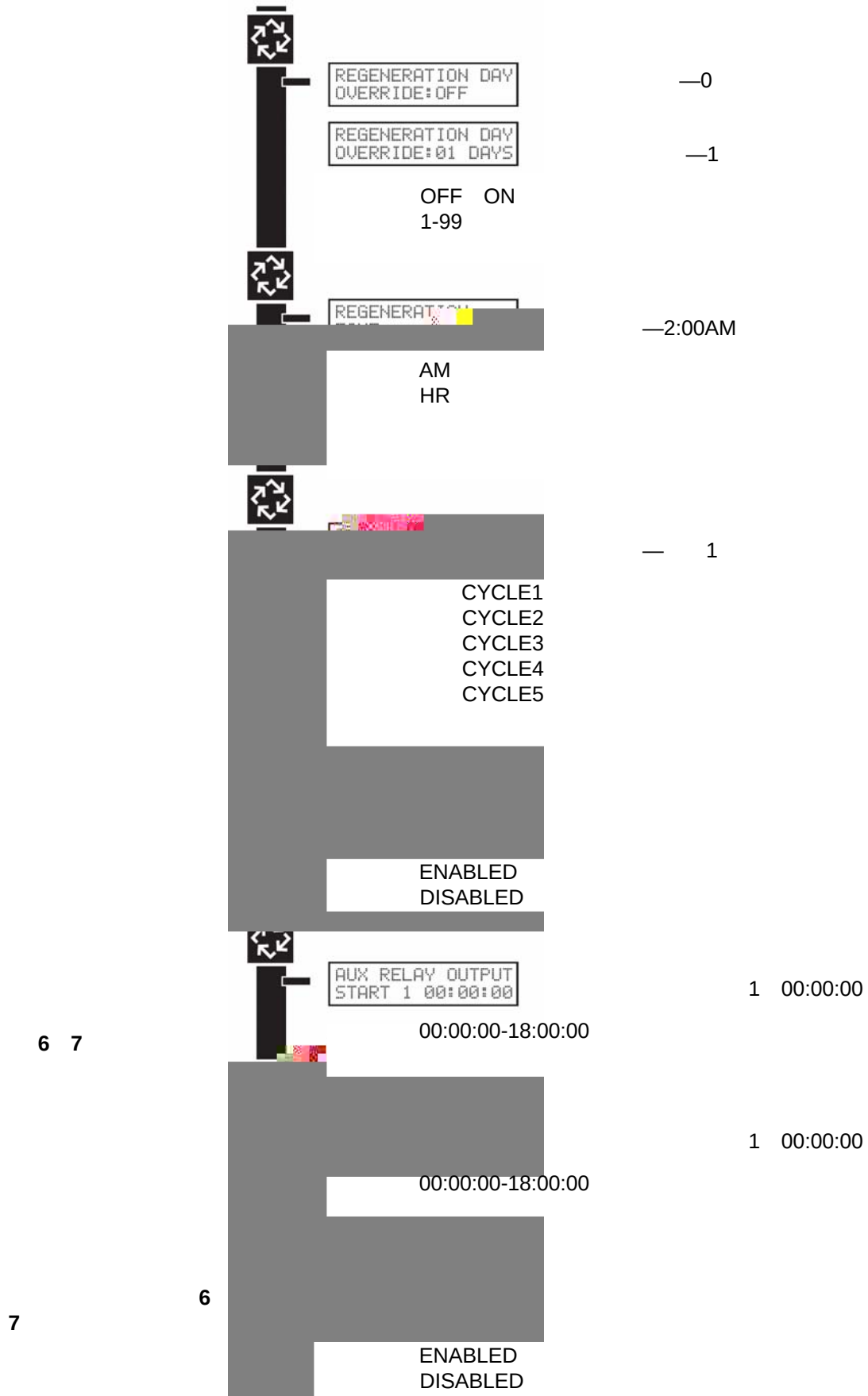
"D"

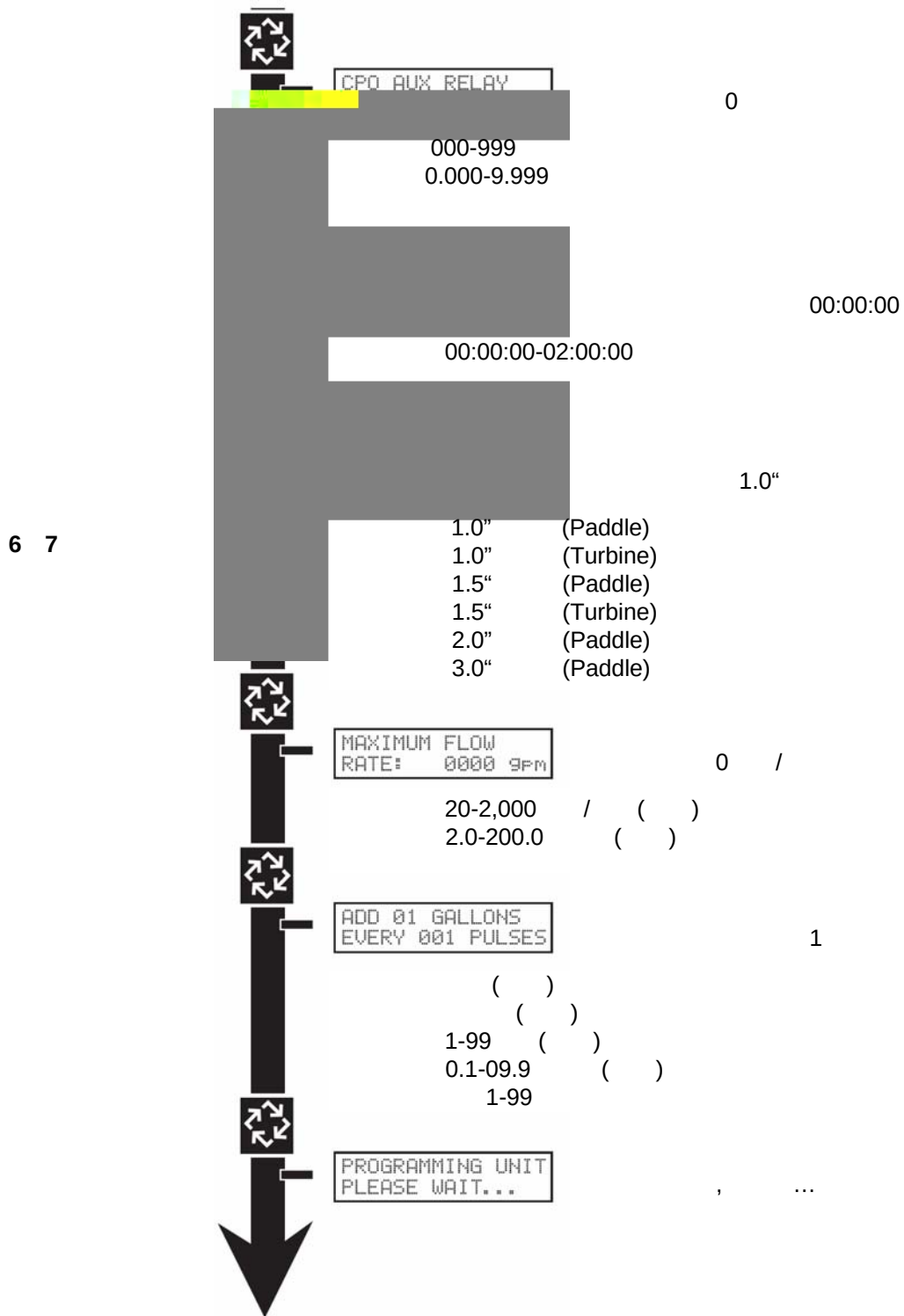




7

6





,

- 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

3.

1 2 3 4

- 1.
- 2.

SYSTEM SIZE:

4.

- 1.
- 2.

```

REGEN TYPE:
TIME CLK DELAYED

```

5.

- 1.
- 2.

VALVE TYPE: 2750

6.

- 1.
- 2.

REGENERANT FLOW:
DOWN FLOW

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.
- 12
- 24

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

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

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

16. ()



17.

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

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



18. FLOW METER

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

- 1.0"
- 1.5"

•

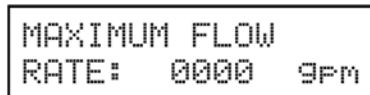
- 1.
- 2.
- 3.



FLOW METER:

19. MAXIMUM FLOW

- 1.
- 2.
- 3.



MAXIMUM FLOW
RATE: 0000 GPM

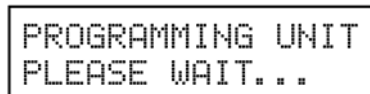
20.

- 1.
- 2.
- 3.



ADD 01 GALLONS

21.



PROGRAMMING UNIT
PLEASE WAIT...

5



FEED WATER
HARDNESS: 9P9

)



REGENERATION DAY
OVERRIDE: OFF

OFF
OFF
OFF

REGENERATION DAY
OVERRIDE: 99 DAYS



REGENERATION
TIME: 02:00AM

02:00AM)



6

1.

—

5

2.

—

3.

—

4.

—

5.

—

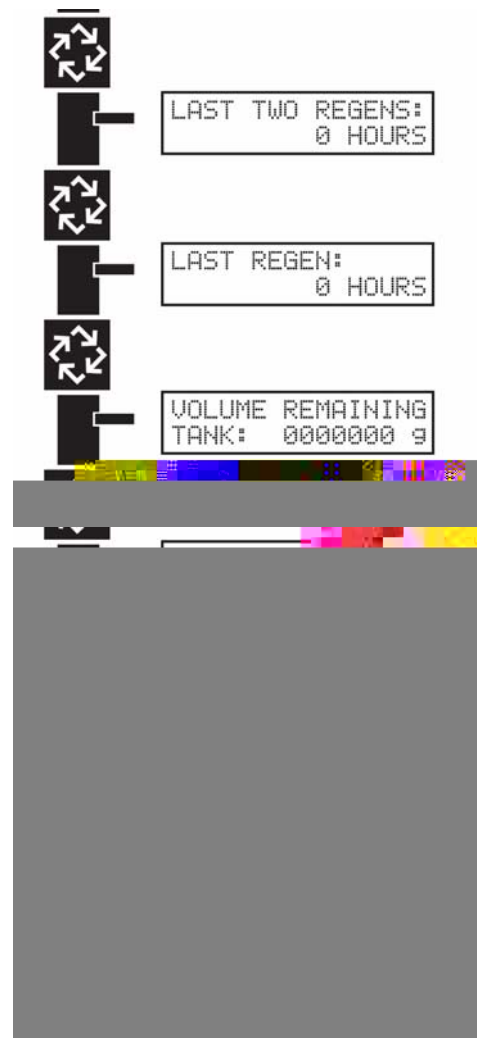
1. "D"

2.

3.

"D"

4.





"D"

"D"

- 1" 75gpm(.28m³/m)
- 1.5" 90gpm(.34m³/m)
- 2" 175gpm(.66m³/m)
- 3" 350gpm(1.32m³/m)
- 1" 1.5" 75gpm

CURRENT FLOW
RATE: 0 gpm

PEAK FLOW RATE:
0 gpm

- 1.
- 2.

5

CURRENT FLOW
RATE: 0 gpm

LAST TWO REGENS:
0000 HOURS

LAST REGEN:
0000 HOURS

6

- 1.
- 2.
- 3.

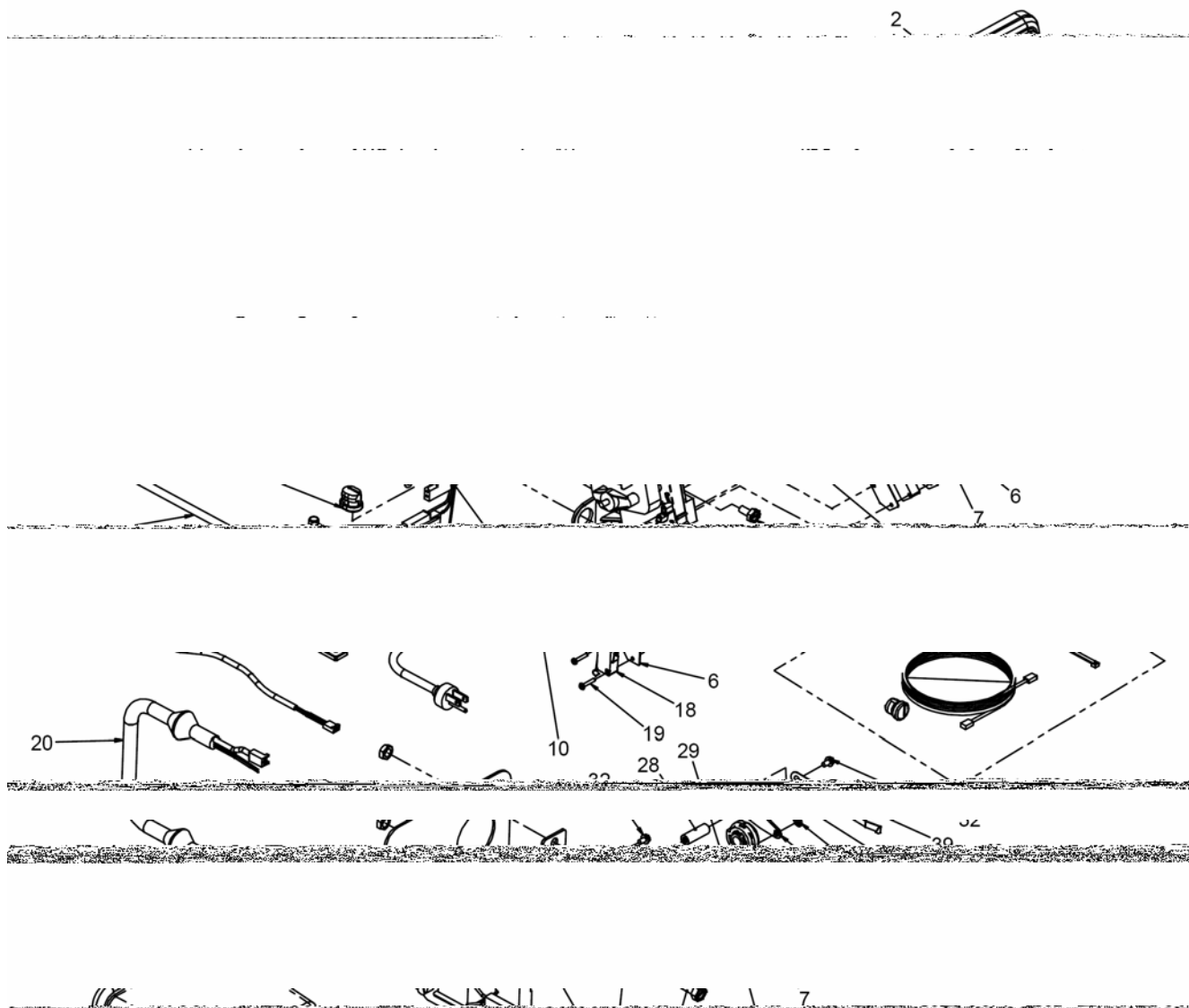
VOLUME REMAINING
TANK: 0000000 g

6

VOLUME REMAINING
SYS: 000000000 g

2

VALVE ADDRESS:
2



2750/2850/2900

Item No.	Quantity	Part No.	Description
1.....	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.....	10601.....	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, co.....
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
40.....	.....	.....	.....
41.....	.....	.....	.....

3150/3900

Item No.	Quantity	Part No.	Description
1	1	19304-04	backplate, 3150/3900
2	1	15120	bracket.

8	4	10218	switch, micro
9	2	16047	

16	3	11774	ring, retaining
17	2	16047	link, drive
18	2	11709	pin, drive link
19	1	16048	bearing, drive link
20	2	11805	screw, rd hd, 4-40 x 5/8, type 1

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

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

: / , ; CPO

_____ (_____)

24VAC/3A
30VDC/3A

()

* 3200NXT 3214NXT

*

*

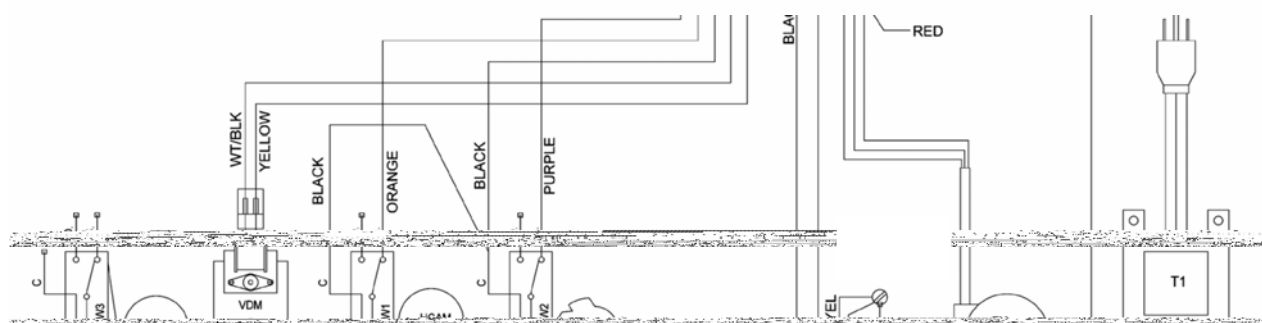
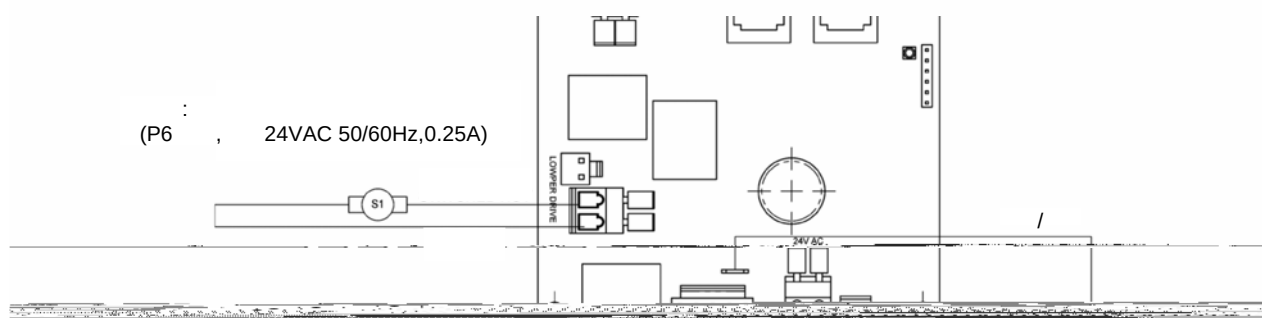
32VDC

* 3200NXT XT

*

*

32VDC



T1-24V

VDM-

SW1-

SW2-

SW3-

HCAM-

SCAM-

BVCAM-

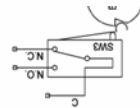
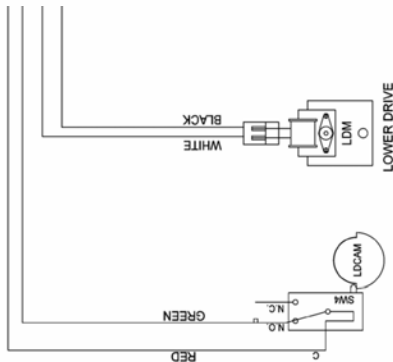
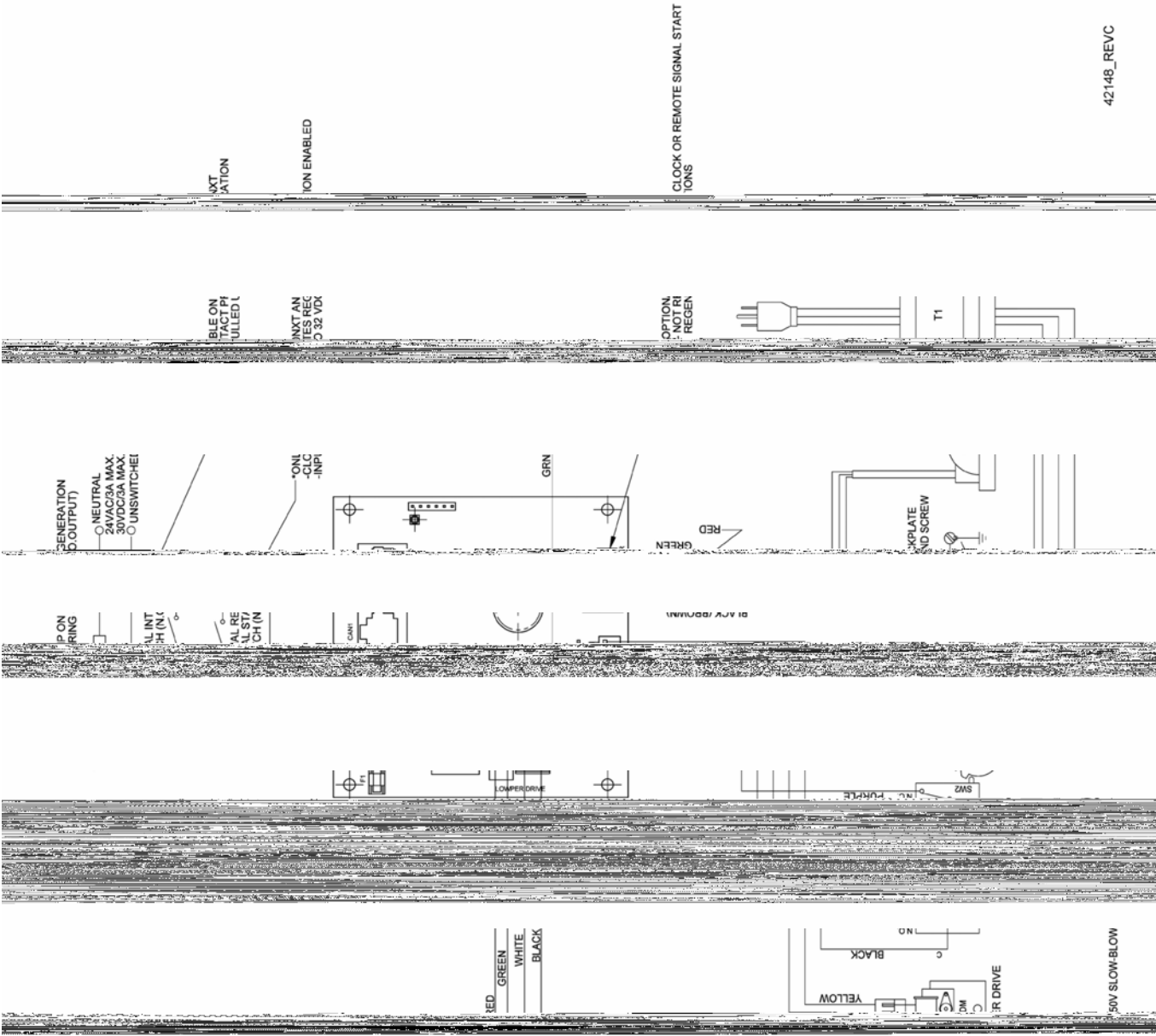
FM- ()

M1- ()

S1-

2900/3900

42148_REV C



- NOTE:
- 1. TRANSFORMER
 - 2. VALVE SHOW
- 24V TRANSFORMER
VDM - VALVE DRIVE MOTOR
SW1 - VALVE HOMING SWITCH
SW2 - VALVE STEP SWITCH
SW3 - BRINE CAM SWITCH
HCAM - VALVE HOMING CAM
HCCAM - VALVE HOMING CAM
BVCM - BRINE VALVE CAM
FM - FLOW METER (OPTIONAL)
MT - MOTOR OR PUMP (OPTIONAL)
ST - SOLENOID VALVE (OPTIONAL)

DETECTED ERROR=

1.

#1

DETECTED ERROR=
NO MESSAGE #1

1.

2.

3.

#1

#3

1.

2.

3.

#3

#3

DETECTED ERROR=

1.

#1

DETECTED ERROR=

1.

DETECTED ERROR=
MATCHING ADDRESS

1.

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