

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



1. : 2 10
2.
3.
4. 5
"D"

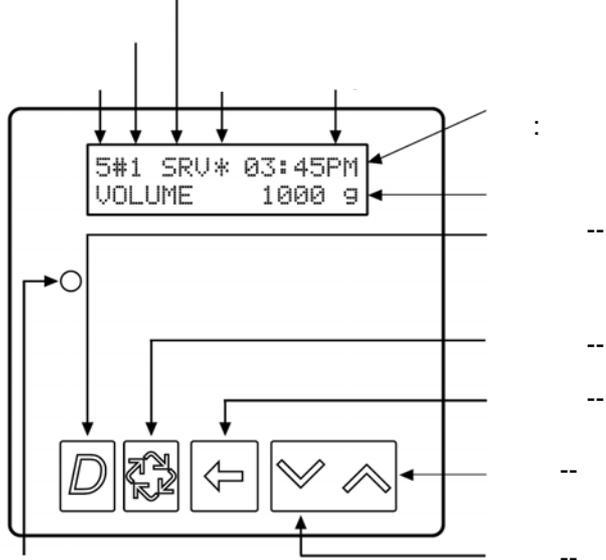
1. 5
2. 1
3. 2
4. 3
5. 4
6. 5
7. 5



1 0



SBY SRV INI CHG LCK



CHG Change of State

CHG
INI Initializing

30-45 INI
 SRV

RGQ Regeneration Queued

RGQ

SRV Service

SRV

LCK Lock
 P4

LCK

4# SRU 03:45PM
REGEN IN 07 DAYS

4

4# SRU* 03:45PM

1. 4

2. 4

5#1 SRU* 03:45PM
VOLUME 1000 g

5

5#3 SRU 03:45PM
VOLUME 1000 g

5

#3

6#1 SRU* 03:45PM
SYSVOL 4000 g

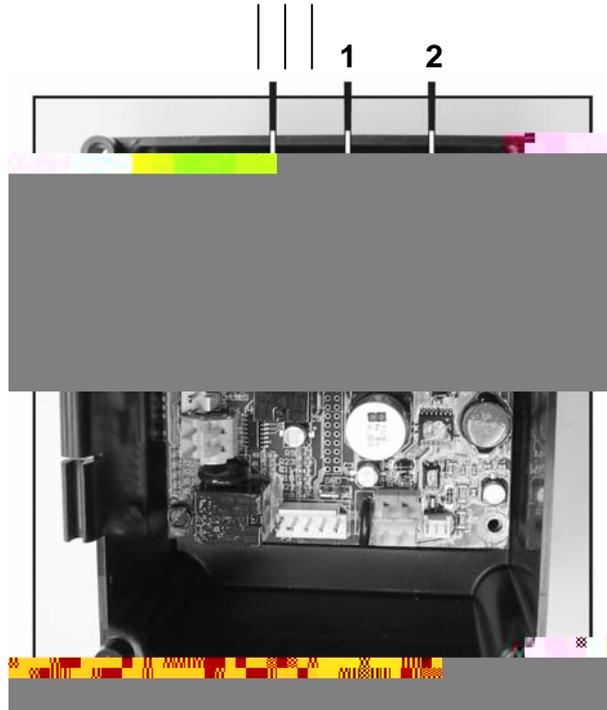
6

/

CAT3 CAT5

- 1.
- 2.
- 3.

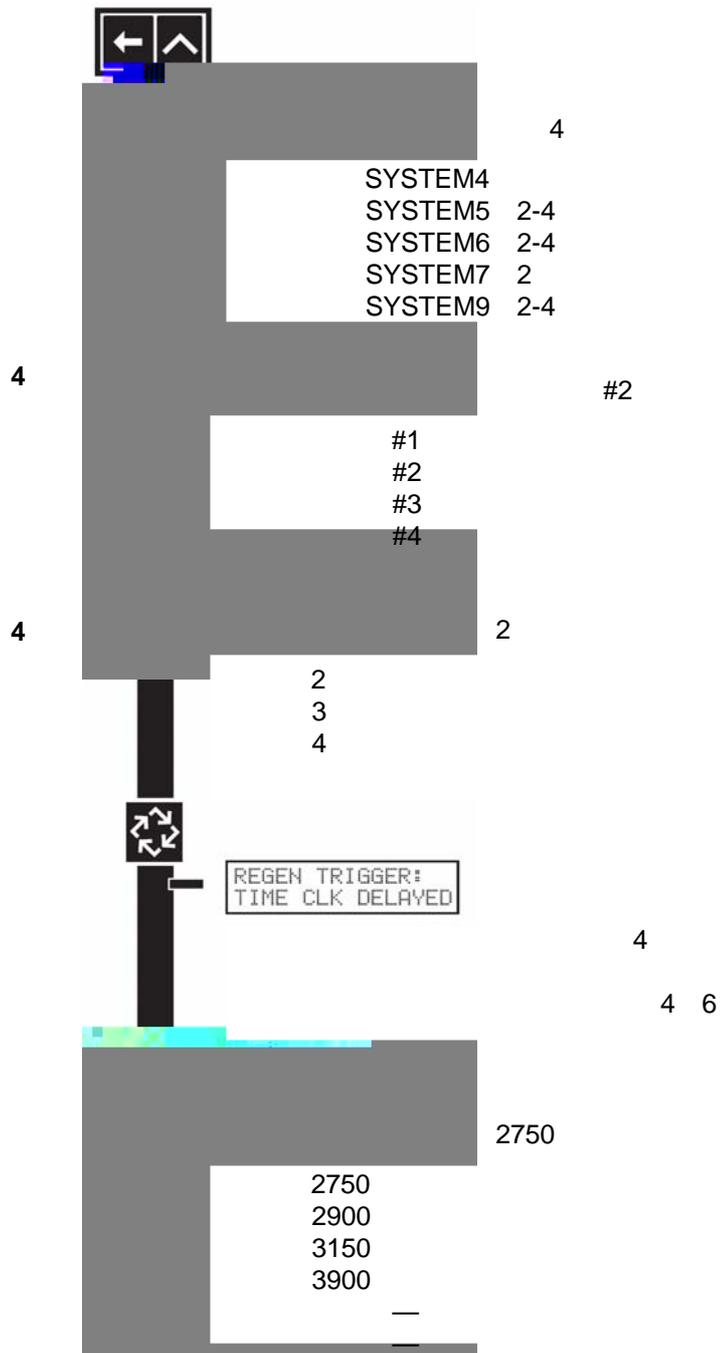
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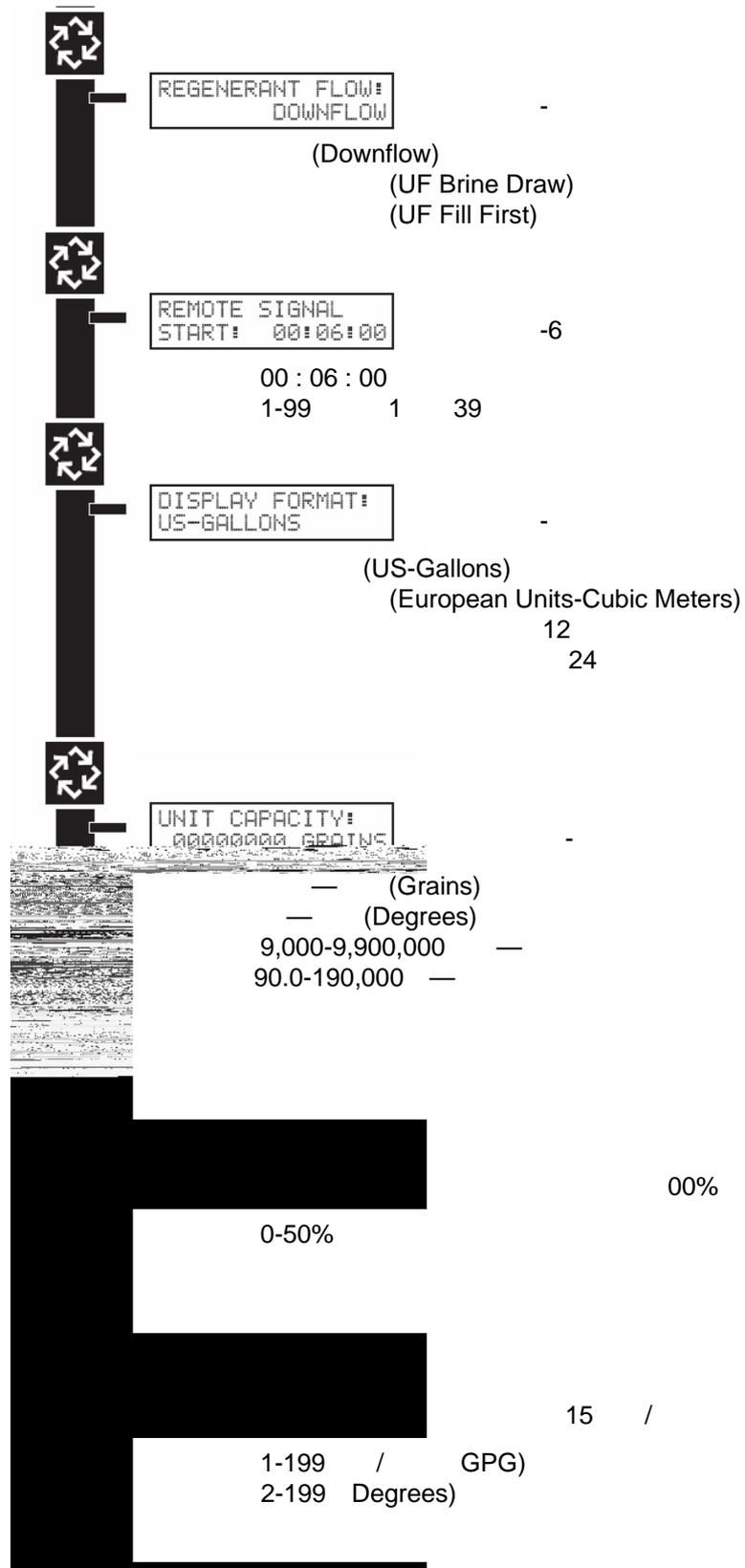


3200NXT

5

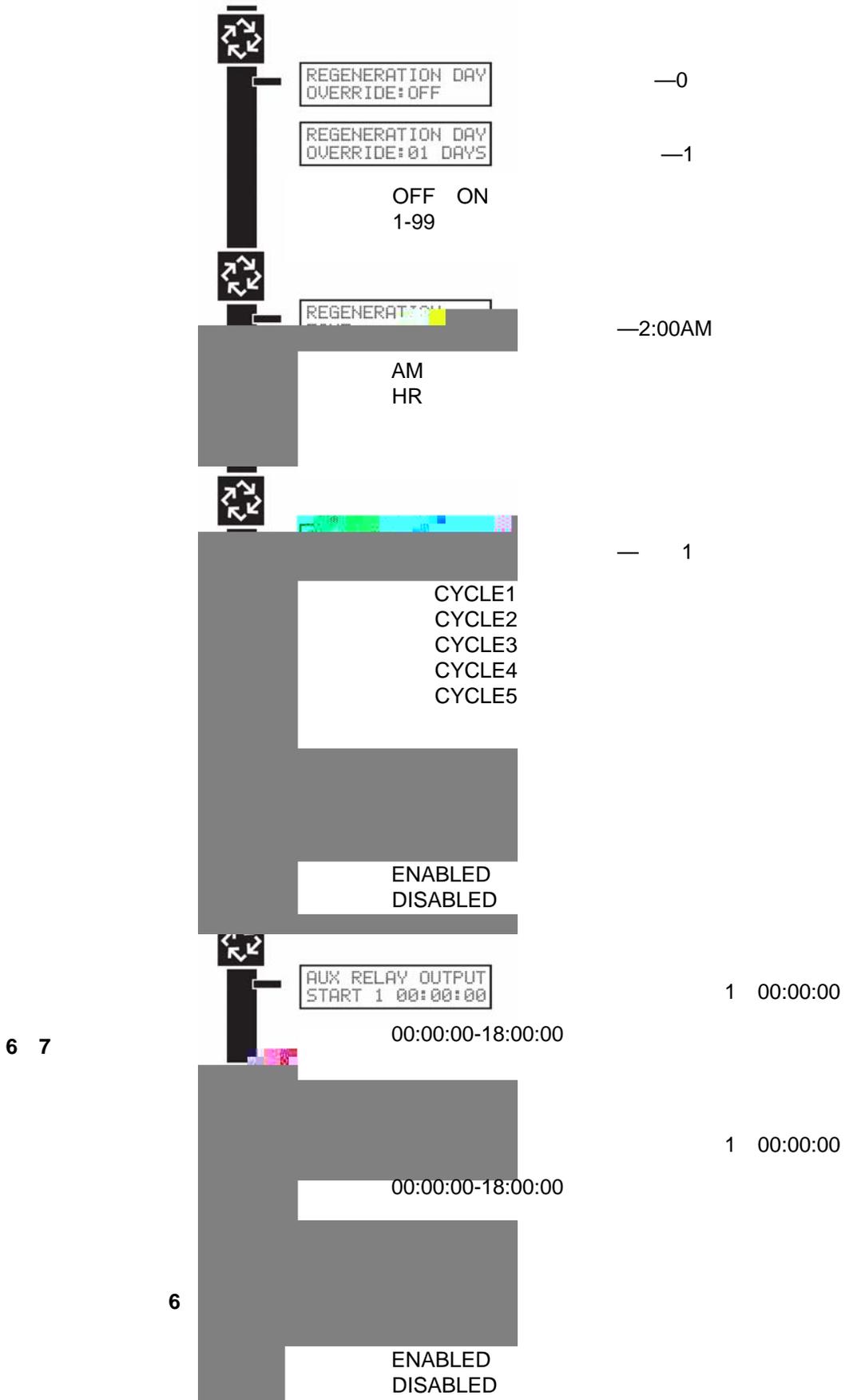
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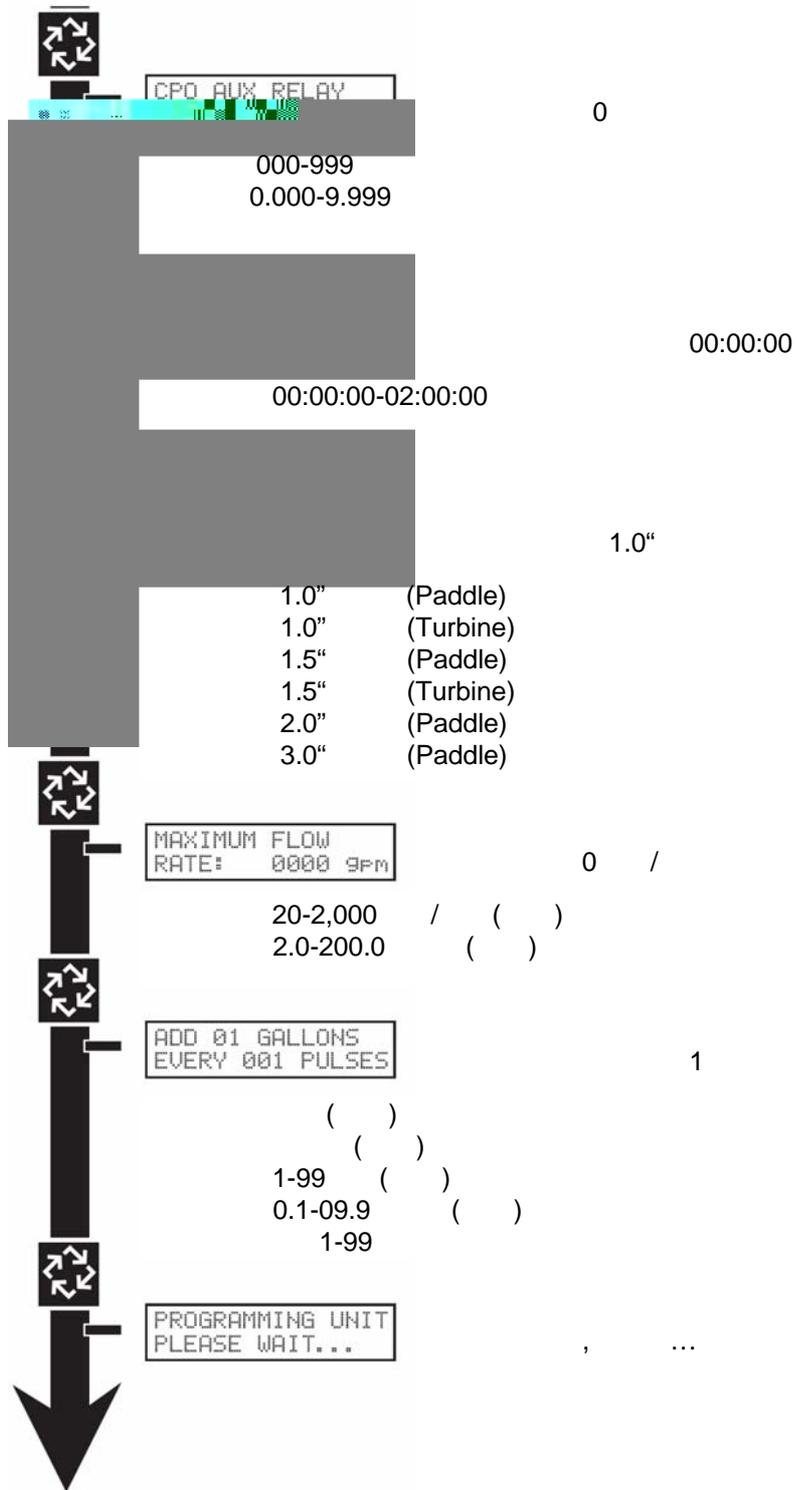
7

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

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

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
```

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: 0.15 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:
[RENDERING]

19. MAXIMUM FLOW

- 1.
- 2.
- 3.

MAXIMUM FLOW
RATE: 0000 GPM

20.

- 1.
- 2.
- 3.

ADD 01 GALLONS
[RENDERING]

21.

PROGRAMMING UNIT
PLEASE WAIT...



5



FEED WATER
HARDNESS: 9P9



REGENERATION DAY
OVERRIDE: OFF

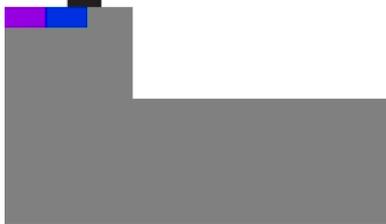
)
OFF
OFF
OFF

REGENERATION DAY
OVERRIDE: 99 DAYS



REGENERATION
TIME: 02:00AM

02:00AM)



6

- 1. —
- 2. —
- 3. —
- 4. —
- 5. —

5

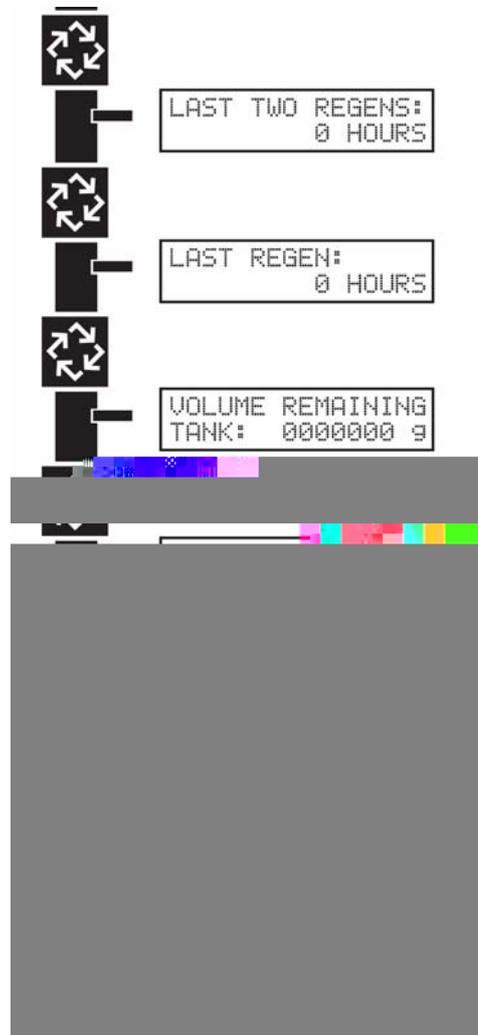
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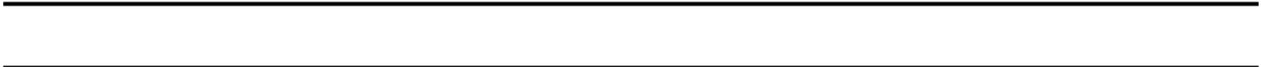
2.

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
[Noisy/Corrupted data]

LAST TWO REGENS:
0000 HOURS

LAST REGEN:
0000 HOURS

6

- 1.
- 2.
- 3.

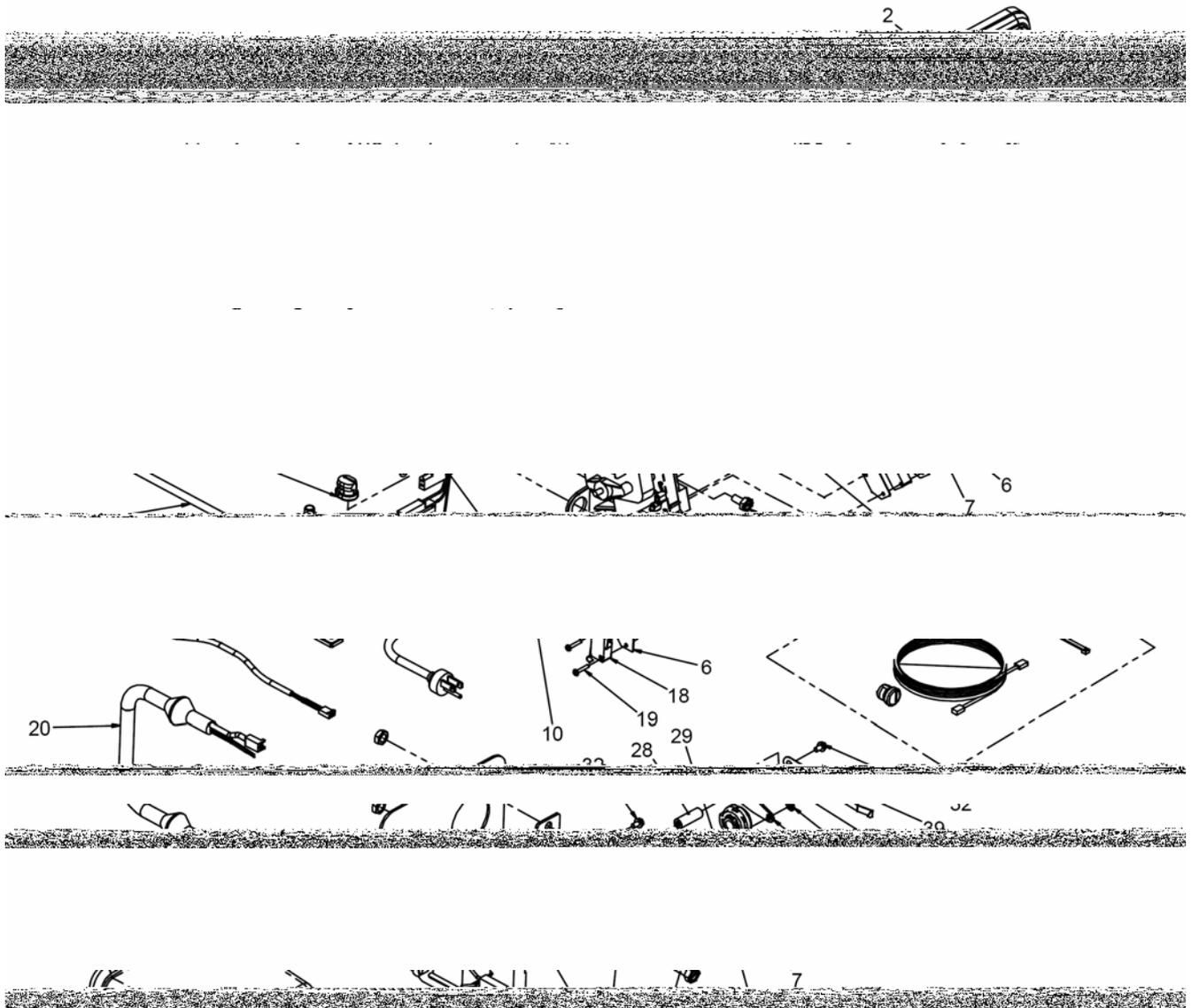
VOLUME REMAINING
TANK: 00000000 g

6

VOLUME REMAINING
SYS: 0000000000 g

2

VALUE ADDRESS:
2



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	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, ce
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	link, drive
16	3	11774	ring, retaining
17	2	16047	link, drive
18	2	11709	pin, drive link
19	1	16048	bearing, drive link
20	1	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

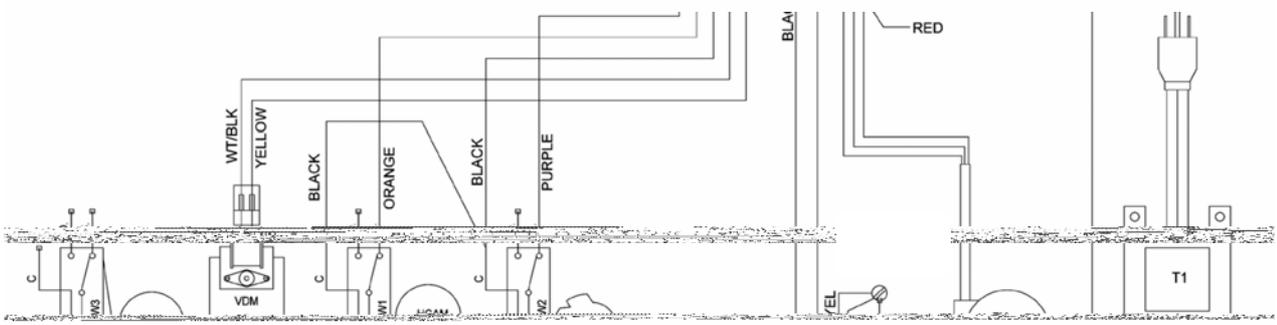
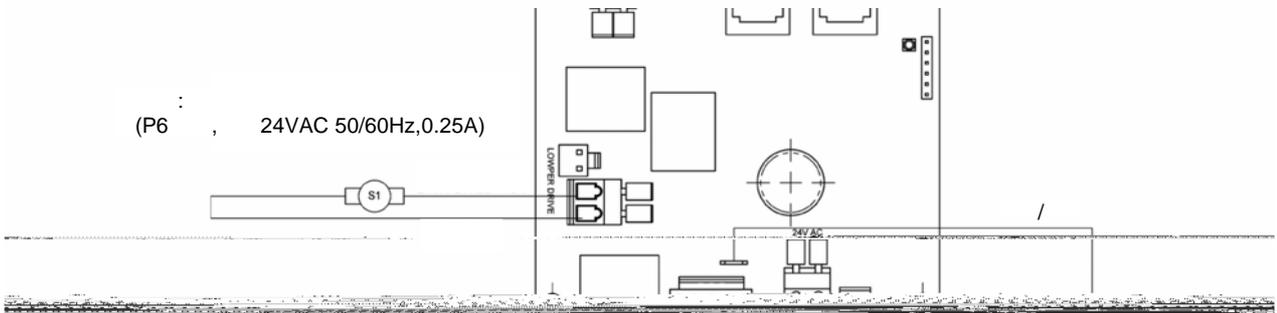
*

*

32VDC

*

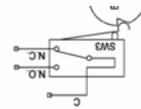
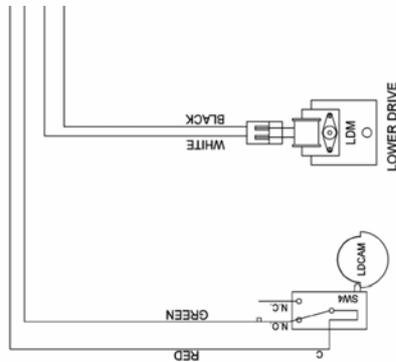
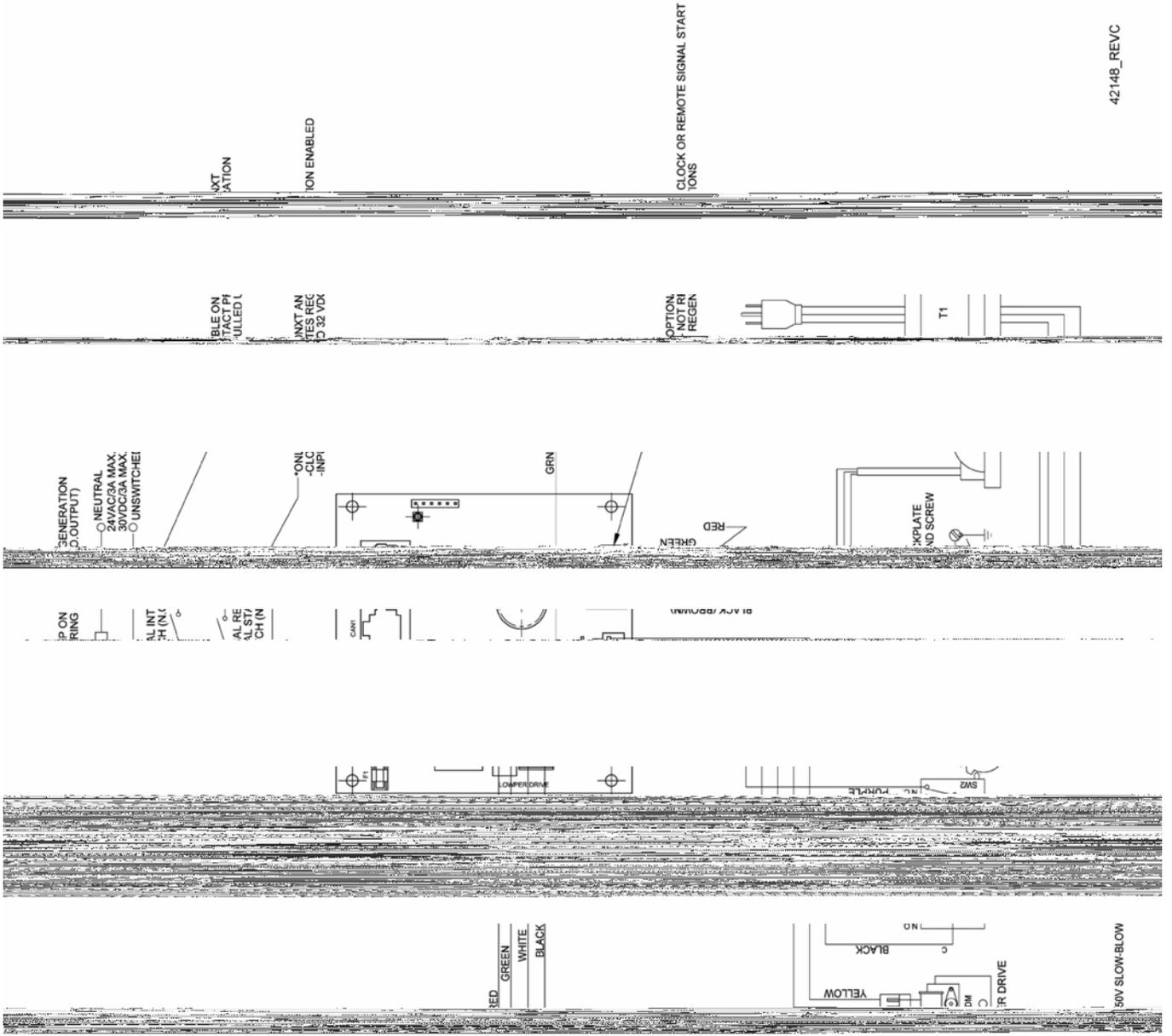
(P6 , 24VAC 50/60Hz, 0.25A)



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

2900/3900

42148_REV C



- T1 - 24V TRANSFORMER
- VM - VALVE DRIVE MOTOR
- SW1 - VALVE HOMING SWITCH
- SW2 - VALVE STEP SWITCH
- SW3 - BRINE CAM SWITCH
- HCAM - VALVE HOMING CAM
- BCAM - BRINE VALVE CAM
- FCAM - FLOW METER (OPTIONAL)
- FM - MOTOR OR PUMP (OPTIONAL)
- S1 - SOLENOID VALVE (OPTIONAL)

NOTE:
 1. TRANSFORM
 2. VALVE SHOW

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=

1.

DETECTED ERROR=
MATCHING ADDRESS

1.

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