

TABLE OF CONTENTS

[illegible]

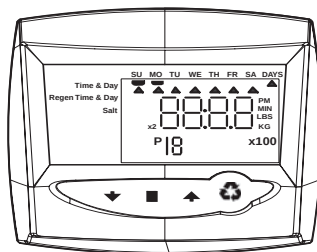
LOGIX™ SERIES INSTALLER QUICK-START SHEET

Logix Series Controllers

4
742 Controller -
()
() 3-

762 Controller -
()
()

The Logix Series will operate on both the 255 and Performa valve body series.



3

Initial Power-up

Initial Power Up - (CAMSHAFT proceeds to HOME position)

()
1-
3
()

Step 1: Select Valve Type

3	3	3, 3-
3	3	3, 3-
3	3	3-

NOTE: 4 / 10

Step 2: Program System Size

3. λ - коэффициент пропорциональности, зависящий от температуры и концентрации раствора.

В соответствии с уравнением (3) для определения λ необходимо знать σ и λ . Для определения σ необходимо знать λ и σ . В соответствии с уравнением (3) для определения λ необходимо знать σ и λ .

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Step 3: Program Time of Day

[illegible]

Step 4: Set Day of Week

[illegible]

Step 5: Set Regen Time

[illegible]

Step 6: Set Days to Regenerate (742 Time-clock Control Only)

1. Press **ENTER** to enter the menu.

2. Press **3** to set the days to regenerate.

3. Press **1/ (.)** to set the days to regenerate.

4. Press **"3"** to set the days to regenerate.

5. Press **ENTER** to save the settings.

Step 6a: Set Calendar Override (762 Demand Control Only)

1. Press **ENTER** to enter the menu.

2. Press **4** to set the calendar override.

3. Press **"0"** to set the calendar override.

4. Press **1/ (.)** to set the calendar override.

5. Press **"0"** to set the calendar override.

6. Press **ENTER** to save the settings.

Step 7: Set Salt Amount (Regenerant Amount)

1. Press **ENTER** to enter the menu.

2. Press **"3"** to set the salt amount.

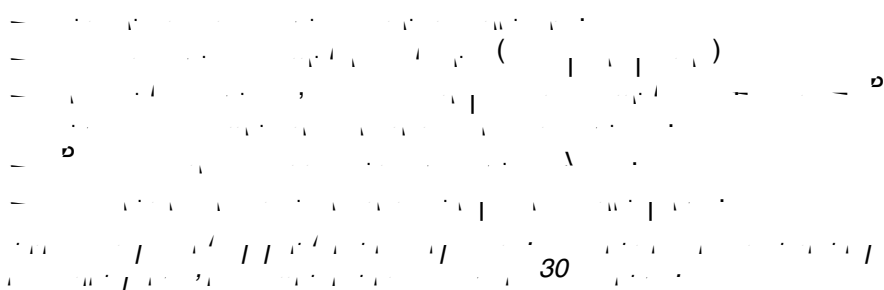
3. Press **3 (110 /)"** to set the salt amount.

4. Press **ENTER** to save the settings.

5. Press **33** to set the salt amount.

Step 8: Estimated Capacity

1. 14 0.00 0.00



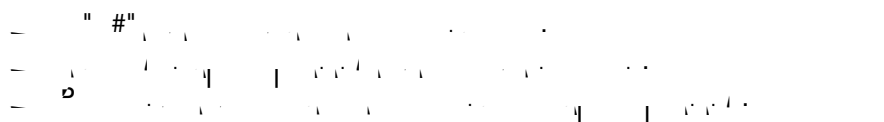
For system start-up procedure, including: purging the mineral tank, refilling the regenerant tank, and drawing regenerant, see *Initial Startup Step-By-Step Instructions* on page 31.

Manual Regeneration Procedures

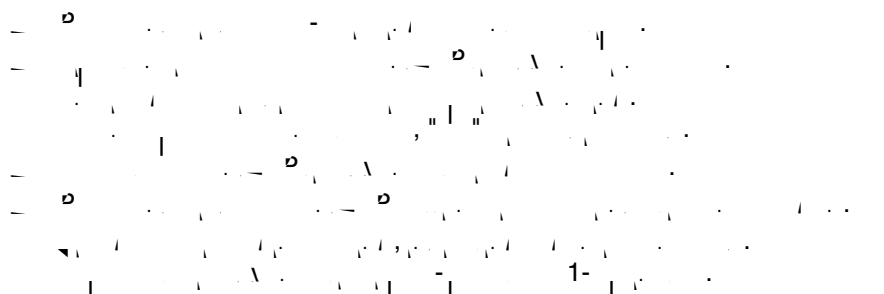
To Initiate a Manual Regeneration:



During a Regeneration:

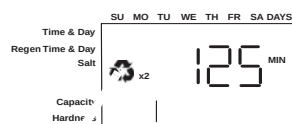


To Advance Regeneration Cycles:

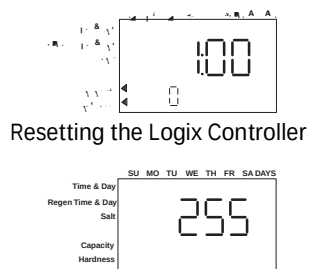


Regeneration Cycles:

- [illegible]



Resetting The Control



Unprogrammed control after reset

1. Press the **0** button.
2. Press the **0** button.
3. Press the **0** button.
4. Press the **0** button.

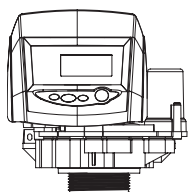


WARNING:

Do not attempt to service the control panel or the system components until the power has been disconnected from the control panel and the system components.

Further programming or set-up instructions can be found in this manual.

How To Use This Manual



Icons That Appear In This Manual



WARNING:



NOTE:

General Warnings And Safety Information



As a result, the model is able to capture the temporal dependencies between the input and output sequences. The model is trained using a loss function that measures the difference between the predicted and actual output sequences. The model is trained using a dataset of input and output sequences, and the training process involves iteratively adjusting the model parameters to minimize the loss. The model is then evaluated using a separate dataset to assess its performance. The model's performance is measured using metrics such as accuracy, precision, and recall. The model is able to capture the temporal dependencies between the input and output sequences, and the training process involves iteratively adjusting the model parameters to minimize the loss. The model is then evaluated using a separate dataset to assess its performance. The model's performance is measured using metrics such as accuracy, precision, and recall.

100%

Do not use pliers or pipe wrenches.

3/4" () 1/2" () 0 ()

1-

*

*

General

$\Delta \alpha = 34^\circ (1^\circ)$, $\Delta \beta = 10^\circ (4^\circ)$,
 $\Delta \gamma = 34^\circ (1^\circ)$, $\Delta \delta = 100^\circ (3^\circ)$,
 $\Delta \epsilon = 0.10 (1.3)$, $\Delta \zeta = 0.100$
 (1.3) .

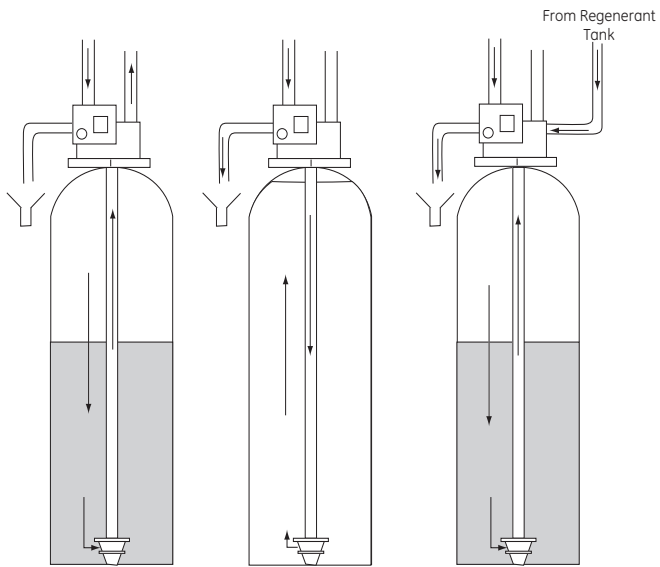
5. Fast Rinse (Downflow) — Cycles C5, C7:

During the fast rinse cycle, the water level in the tank is low. Water flows down the center tube and up the outer tube. The water level in the tank is low because the water is being pushed up the outer tube and out the top of the tank.

6. Brine Refill — Cycle C8:

During the brine refill cycle, the water level in the tank is high. Brine is added to the tank from the regenerant tank. The water level in the tank is high because the brine is being added to the tank and the water is being pushed up the outer tube and out the top of the tank.

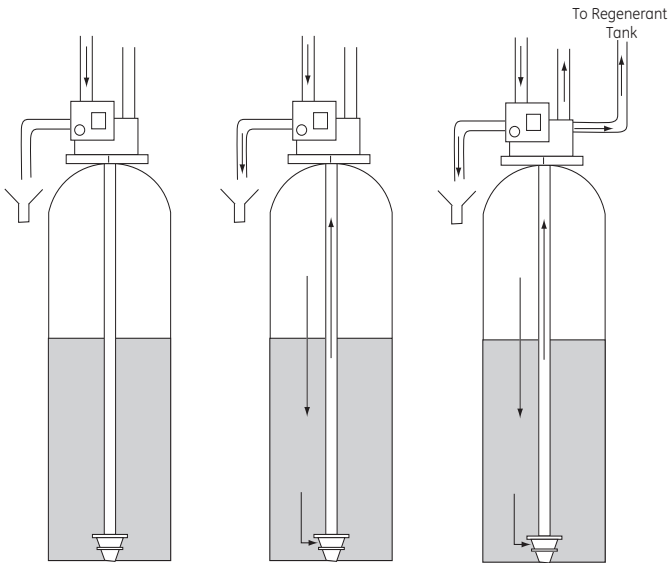
1



SERVICE
C0

BACKWASH
C1 and C6

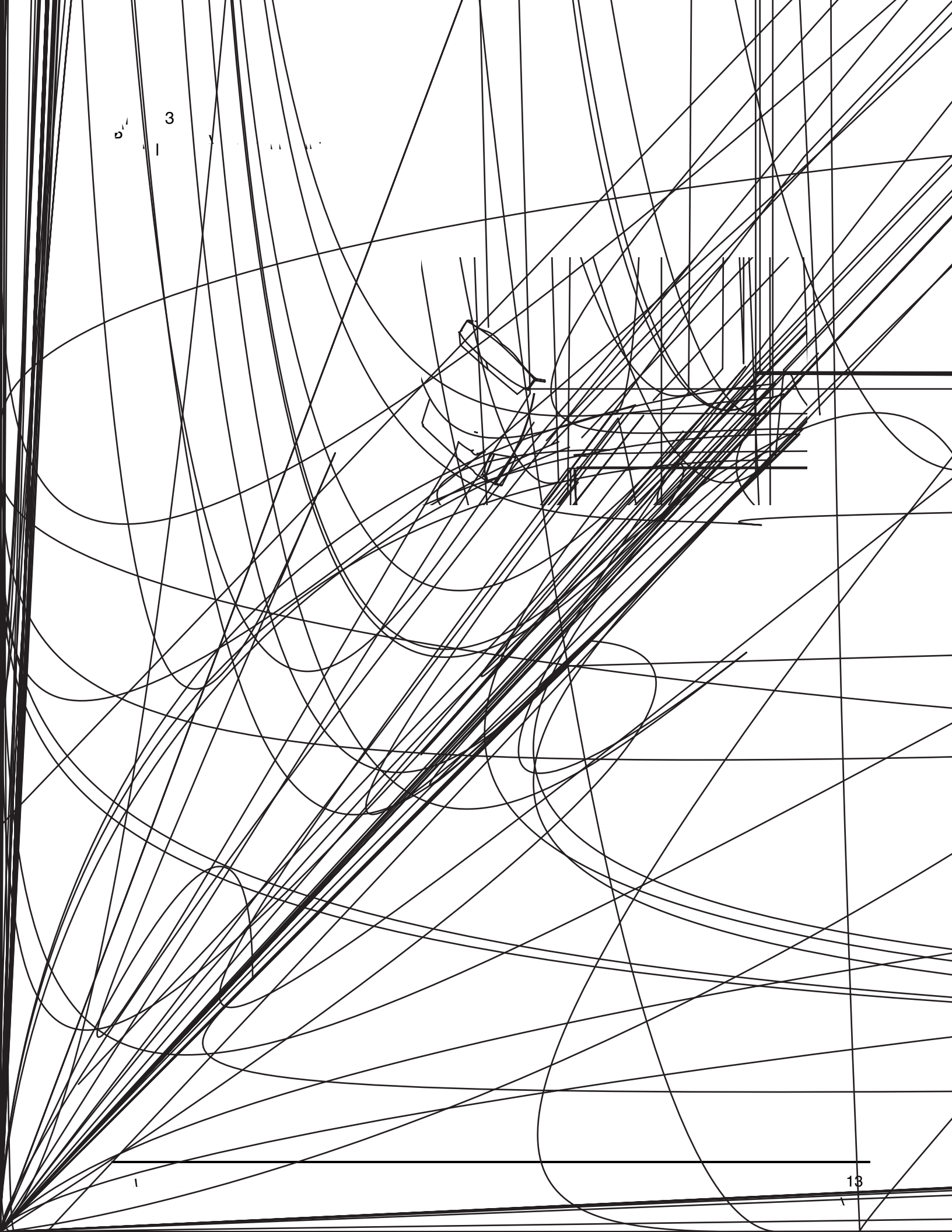
BRINE/SLOW RINSE
C2 and C3



REPRESSURIZE
C4

FAST RINSE
C5 and C7

BRINE REFILL
C8



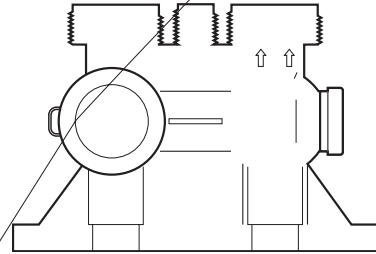
0.1

3

00 3

Normal Operation

In Bypass





WARNING:

Do not use the drain pan for anything other than its intended purpose. The drain pan is not designed to hold liquids or solids. It is designed to catch any leaks from the unit. If the drain pan is used for anything other than its intended purpose, it may become damaged and cause a fire hazard.



WARNING:

Do not use the drain pan for anything other than its intended purpose. The drain pan is not designed to hold liquids or solids. It is designed to catch any leaks from the unit. If the drain pan is used for anything other than its intended purpose, it may become damaged and cause a fire hazard.



WARNING:

Do not use the drain pan for anything other than its intended purpose. The drain pan is not designed to hold liquids or solids. It is designed to catch any leaks from the unit. If the drain pan is used for anything other than its intended purpose, it may become damaged and cause a fire hazard.

Drain Line Connection



NOTE:

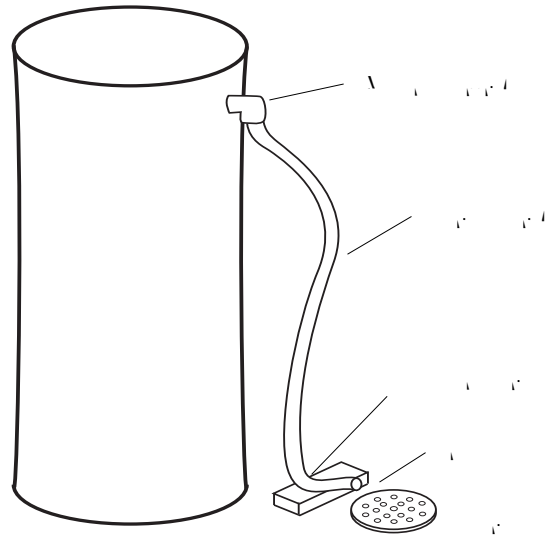
Do not use the drain pan for anything other than its intended purpose. The drain pan is not designed to hold liquids or solids. It is designed to catch any leaks from the unit. If the drain pan is used for anything other than its intended purpose, it may become damaged and cause a fire hazard.

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4. Do not use the drain pan for anything other than its intended purpose. The drain pan is not designed to hold liquids or solids. It is designed to catch any leaks from the unit. If the drain pan is used for anything other than its intended purpose, it may become damaged and cause a fire hazard.

Overflow Line Connection (not used with 3-cycle filter system)

$$1/\tau = \frac{1}{\tau_0} \left(1 + \frac{1}{2} \frac{1}{\tau_0} \frac{1}{\tau_0} \right) \quad (1.3-1)$$

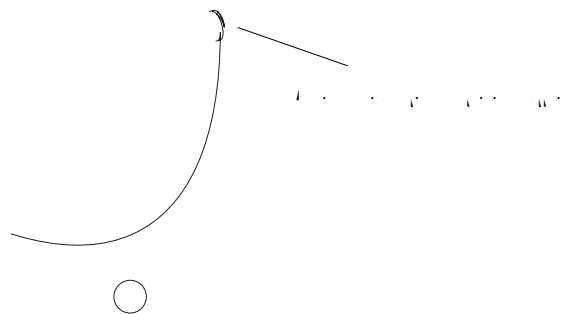
1
A

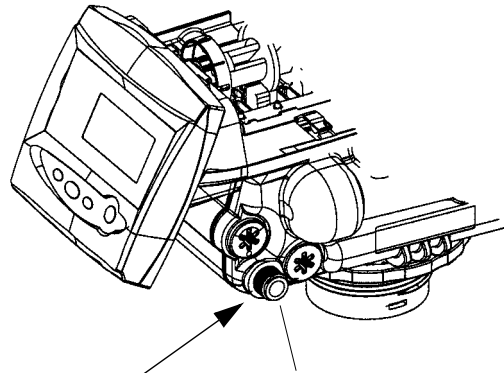


Regenerant Line Connection (not used with 3-cycle filter system)



10
A





NOTE:

3/

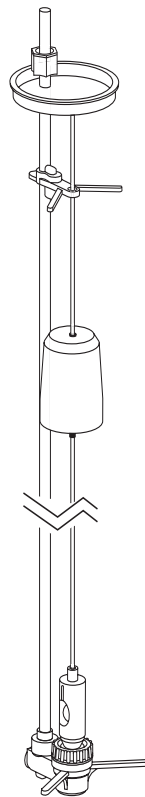


NOTE:

3-

(3, 3, 3 \ \)

1
 ()*



* ()

Electrical Connection

CAUTION:

00 1

AC Adapter	Input Voltage	Application	Part Number
	1 0 0		1000 11
	1 0 0		1 3 44
			0

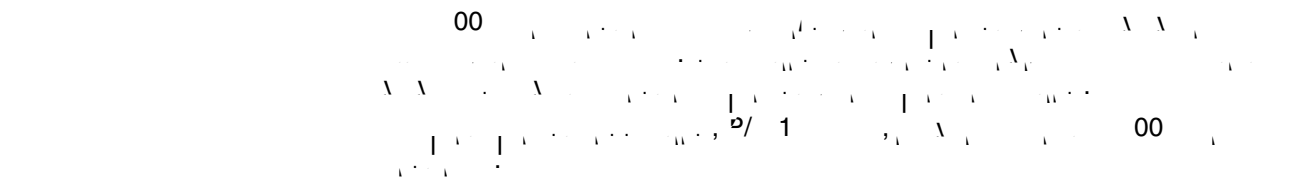
100 VAC, 120 VAC and 230 VAC AC Adapters:



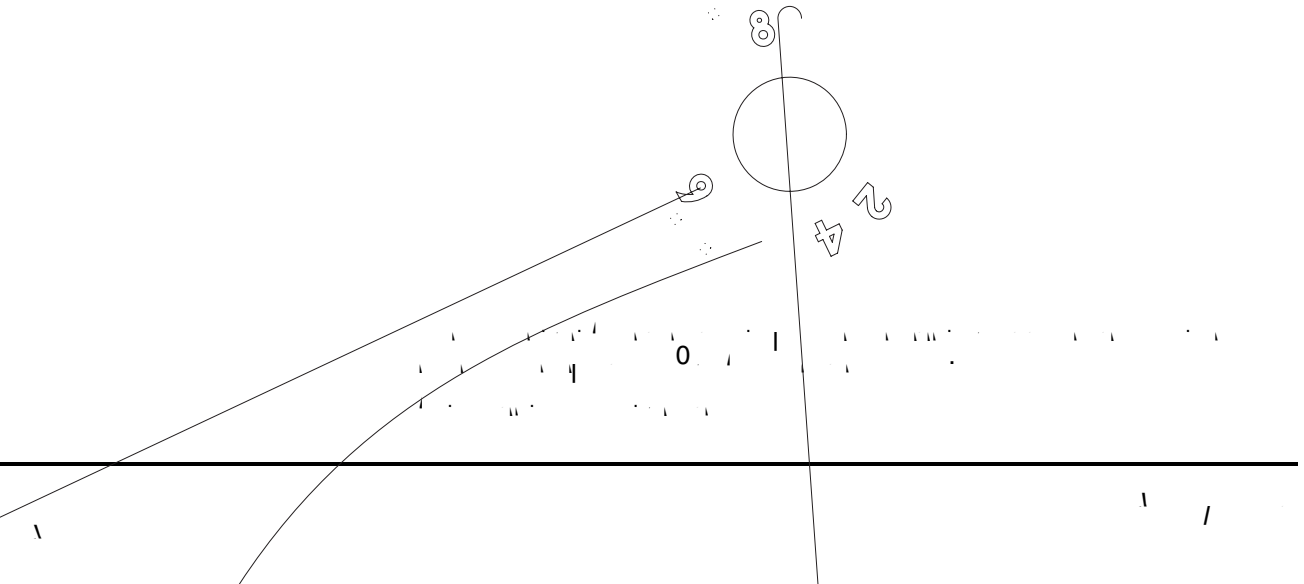
NOTE:

When using the 100 VAC, 120 VAC and 230 VAC AC Adapters, the power supply must be connected to the correct voltage. The power supply must be connected to the correct voltage. The power supply must be connected to the correct voltage.

Controller Location



Valve Camshaft



SYSTEM DISINFECTION

Disinfection Of Water Conditioners

Disinfection of water conditioners is required to prevent the growth of bacteria and other microorganisms. The disinfection process should be performed regularly to ensure the water conditioner remains effective.

The disinfection process involves the use of a disinfectant solution. The solution should be prepared according to the manufacturer's instructions. The water conditioner should be submerged in the solution for the recommended amount of time.

Sodium or Calcium Hypochlorite

Application

The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.

5.25% Sodium Hypochlorite

The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.

1. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.
2. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.
3. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.
4. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.
5. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.
6. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.
7. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.
8. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.
9. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.
10. The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.

The disinfection process should be performed regularly to ensure the water conditioner remains effective. The disinfection process involves the use of a disinfectant solution.

Calcium Hypochlorite

Calcium hypochlorite is a white powder that is 0% available chlorine. It is used to make bleach.

1. Calcium hypochlorite (0.1% to 3%) is used to make bleach. It is used to make bleach.

DETERMINING IF YOU HAVE A 742 OR 762 CONTROL

1. Turn the control knob clockwise until it stops. The control knob will stop at the 12 o'clock position. The control knob will stop at the 12 o'clock position. The control knob will stop at the 12 o'clock position.

1

4, 4

Pentair® Water USA
Glendale Operations

Model	762
12 V/	60 Hz/ 4W

VERSION 1.02
WO#4340000
Ser. No: 740090052683-3

4, 4

GENERAL 700 SERIES INSTRUCTIONS

Display Icons 700 Controller

1

1.  This icon indicates that the system is in a low power state. ().
2.  #3
3.  This icon indicates that the system is in a low power state.

11. ... / ...
... | ...

1 . " "

13. ... () ... ()

14. ... " " 3-

1 . " & "

1 . " & "

1 .

1 .

1 . 100|

0. / 3
/

1.
"0"

p11.

3- # 4, # , #

4. (). # 3

3 (v).

(). # 3

0

Keypad — Buttons

1

1. `void setup() {`
 `pinMode(2, INPUT);`
 `pinMode(3, INPUT);`
 `pinMode(4, INPUT);`
 `pinMode(5, INPUT);`
 `pinMode(6, INPUT);`
 `pinMode(7, INPUT);`
 `pinMode(8, INPUT);`
 `pinMode(9, INPUT);`
 `pinMode(10, INPUT);`
 `pinMode(11, INPUT);`
}
2. `void loop() {`
 `if (digitalRead(2) == HIGH) {`
 `Serial.println("Button 1 pressed");`
 `delay(100);`
 }
 `if (digitalRead(3) == HIGH) {`
 `Serial.println("Button 2 pressed");`
 `delay(100);`
 }
 `if (digitalRead(4) == HIGH) {`
 `Serial.println("Button 3 pressed");`
 `delay(100);`
 }
 `if (digitalRead(5) == HIGH) {`
 `Serial.println("Button 4 pressed");`
 `delay(100);`
 }
 `if (digitalRead(6) == HIGH) {`
 `Serial.println("Button 5 pressed");`
 `delay(100);`
 }
 `if (digitalRead(7) == HIGH) {`
 `Serial.println("Button 6 pressed");`
 `delay(100);`
 }
 `if (digitalRead(8) == HIGH) {`
 `Serial.println("Button 7 pressed");`
 `delay(100);`
 }
 `if (digitalRead(9) == HIGH) {`
 `Serial.println("Button 8 pressed");`
 `delay(100);`
 }
 `if (digitalRead(10) == HIGH) {`
 `Serial.println("Button 9 pressed");`
 `delay(100);`
 }
 `if (digitalRead(11) == HIGH) {`
 `Serial.println("Button 10 pressed");`
 `delay(100);`
 }
}
3. `}`
4. `void loop() {`
 `if (digitalRead(2) == HIGH) {`
 `Serial.println("Button 1 pressed");`
 `delay(100);`
 }
 `if (digitalRead(3) == HIGH) {`
 `Serial.println("Button 2 pressed");`
 `delay(100);`
 }
 `if (digitalRead(4) == HIGH) {`
 `Serial.println("Button 3 pressed");`
 `delay(100);`
 }
 `if (digitalRead(5) == HIGH) {`
 `Serial.println("Button 4 pressed");`
 `delay(100);`
 }
 `if (digitalRead(6) == HIGH) {`
 `Serial.println("Button 5 pressed");`
 `delay(100);`
 }
 `if (digitalRead(7) == HIGH) {`
 `Serial.println("Button 6 pressed");`
 `delay(100);`
 }
 `if (digitalRead(8) == HIGH) {`
 `Serial.println("Button 7 pressed");`
 `delay(100);`
 }
 `if (digitalRead(9) == HIGH) {`
 `Serial.println("Button 8 pressed");`
 `delay(100);`
 }
 `if (digitalRead(10) == HIGH) {`
 `Serial.println("Button 9 pressed");`
 `delay(100);`
 }
 `if (digitalRead(11) == HIGH) {`
 `Serial.println("Button 10 pressed");`
 `delay(100);`
 }
}

Programming Conventions

```
00 // Pin 2 is connected to button 1
01 // Pin 3 is connected to button 2
02 // Pin 4 is connected to button 3
03 // Pin 5 is connected to button 4
04 // Pin 6 is connected to button 5
05 // Pin 7 is connected to button 6
06 // Pin 8 is connected to button 7
07 // Pin 9 is connected to button 8
08 // Pin 10 is connected to button 9
09 // Pin 11 is connected to button 10
10
11 // Setup function
12 void setup() {
13     // Set pins 2-11 as inputs
14     pinMode(2, INPUT);
15     pinMode(3, INPUT);
16     pinMode(4, INPUT);
17     pinMode(5, INPUT);
18     pinMode(6, INPUT);
19     pinMode(7, INPUT);
20     pinMode(8, INPUT);
21     pinMode(9, INPUT);
22     pinMode(10, INPUT);
23     pinMode(11, INPUT);
24 }
25
26 // Loop function
27 void loop() {
28     // Check if button 1 is pressed
29     if (digitalRead(2) == HIGH) {
30         // Print "Button 1 pressed" to the serial monitor
31         Serial.println("Button 1 pressed");
32         // Delay 100ms
33         delay(100);
34     }
35     // Check if button 2 is pressed
36     if (digitalRead(3) == HIGH) {
37         // Print "Button 2 pressed" to the serial monitor
38         Serial.println("Button 2 pressed");
39         // Delay 100ms
40         delay(100);
41     }
42     // Check if button 3 is pressed
43     if (digitalRead(4) == HIGH) {
44         // Print "Button 3 pressed" to the serial monitor
45         Serial.println("Button 3 pressed");
46         // Delay 100ms
47         delay(100);
48     }
49     // Check if button 4 is pressed
50     if (digitalRead(5) == HIGH) {
51         // Print "Button 4 pressed" to the serial monitor
52         Serial.println("Button 4 pressed");
53         // Delay 100ms
54         delay(100);
55     }
56     // Check if button 5 is pressed
57     if (digitalRead(6) == HIGH) {
58         // Print "Button 5 pressed" to the serial monitor
59         Serial.println("Button 5 pressed");
60         // Delay 100ms
61         delay(100);
62     }
63     // Check if button 6 is pressed
64     if (digitalRead(7) == HIGH) {
65         // Print "Button 6 pressed" to the serial monitor
66         Serial.println("Button 6 pressed");
67         // Delay 100ms
68         delay(100);
69     }
70     // Check if button 7 is pressed
71     if (digitalRead(8) == HIGH) {
72         // Print "Button 7 pressed" to the serial monitor
73         Serial.println("Button 7 pressed");
74         // Delay 100ms
75         delay(100);
76     }
77     // Check if button 8 is pressed
78     if (digitalRead(9) == HIGH) {
79         // Print "Button 8 pressed" to the serial monitor
80         Serial.println("Button 8 pressed");
81         // Delay 100ms
82         delay(100);
83     }
84     // Check if button 9 is pressed
85     if (digitalRead(10) == HIGH) {
86         // Print "Button 9 pressed" to the serial monitor
87         Serial.println("Button 9 pressed");
88         // Delay 100ms
89         delay(100);
90     }
91     // Check if button 10 is pressed
92     if (digitalRead(11) == HIGH) {
93         // Print "Button 10 pressed" to the serial monitor
94         Serial.println("Button 10 pressed");
95         // Delay 100ms
96         delay(100);
97     }
98 }
```

Regeneration Modes

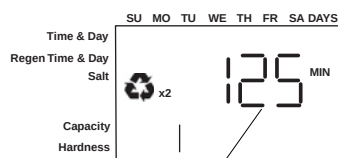
00

00

To Initiate a Manual Regeneration:

(00 -).

()



Total regen time remaining

During a Regeneration:

[illegible]

To Advance Regeneration Cycles:

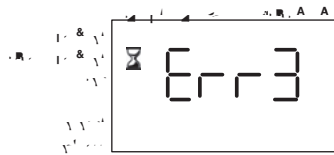
1

Regeneration Cycles:

1. $\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$
2. $\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$
3. $\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$
4. $\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$

742/762 Series Initial Power-Up

Initial Power Up – (Camshaft proceeds to HOME position)



When the engine is started, the camshaft will proceed to the HOME position. If the camshaft does not reach the HOME position within the specified time, the engine will stop and the display will show 'Err3'.

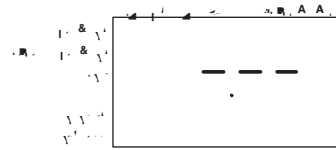
NOTE:

Initial Start-up Step-By-Step Instructions

When the engine is started, the camshaft will proceed to the HOME position. If the camshaft does not reach the HOME position within the specified time, the engine will stop and the display will show 'Err3'.

Step 1: Select Valve Type

When the engine is started, the camshaft will proceed to the HOME position. If the camshaft does not reach the HOME position within the specified time, the engine will stop and the display will show 'Err3'.



Step 2: Program System Size

1. Press **2** to enter the system size menu.

3.



NOTE:

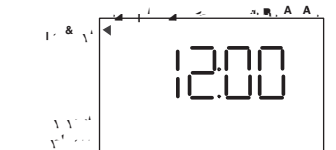
For systems with a single tank, the system size should be set to 1. For systems with multiple tanks, the system size should be set to the number of tanks.

2. Press **1** to enter the system size menu.



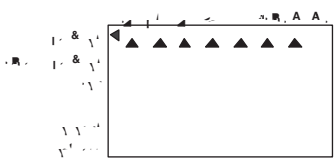
NOTE:

For systems with a single tank, the system size should be set to 1. For systems with multiple tanks, the system size should be set to the number of tanks.



Set 3: Program Time of Day

1. Press **1** to enter the time of day menu.



Step 4: Set Day of Week

1. Press **1** to enter the day of week menu.

After steps 1-4, the controller will operate most systems. Proceed to step 5 if further adjustments to your system's programming is needed.



Step 5: Set Regen Time

1. Press **1** to enter the regen time menu.

Step 6: Set Days to Regenerate (742 Time-Clock Control Only)

1. Press the **TIME** button to enter the Time-Clock Control menu.

2. Press the **3** button to enter the Days to Regenerate menu.

3. Press the **3** button to set the Days to Regenerate to 3.

4. Press the **ENTER** button to save the settings.

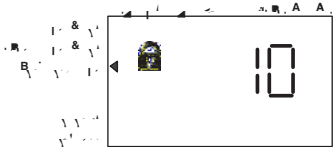
5. Press the **ENTER** button to exit the menu.

Table 1- High Efficiency Exchange Capacity

Salt lbs/cu ft	Exchange Capacity grains/cu ft	Salt grams/ liter	Exchange Capacity grams/liter
3	14100	0	33.
4	1 30	0	40.0
	11 0	0	44.
	34 0	0	4 .4
	4 0	0	1.
	1	100	4.
	3	110	.
10	3001	1 0	0.
11	31 3	130	.
1	3 3 0	140	4.
13	333 3	1 0	.
14	343 0	1 0	0.4
1	3 0	00	.
1	3 0	30	.3
1	3 0	0	.
1	3 33	0	.1

Table 2

To Convert Capacity in	Into Capacity in	Multiply by
()	()	1 .43
()	()	0.0 4
3	()	0.10
3	()	0.0



(/ 3)

Filter backwash time (filter mode only)

14

Step 8: Estimated Capacity

- The estimated capacity of the system is the maximum number of users that can be supported by the system.
- The estimated capacity of the system is the maximum number of users that can be supported by the system.
- The estimated capacity of the system is the maximum number of users that can be supported by the system.

PLACING CONDITIONER INTO OPERATION (turning on the water)

Conditioner and FA Filter Start-Up

After the water is turned on, the water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.



WARNING:

Do not touch the water filter or the conditioner. The water filter and the conditioner are hot. Do not touch the water filter or the conditioner. The water filter and the conditioner are hot.

1. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

2. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

3. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

4. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

5. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

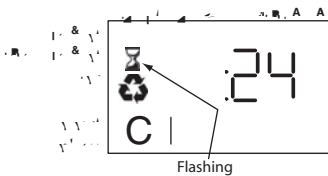
6. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

7. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

8. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

9. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

10. The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.



WARNING:

Do not touch the water filter or the conditioner. The water filter and the conditioner are hot. Do not touch the water filter or the conditioner. The water filter and the conditioner are hot.

The water will flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner. The water will then flow through the FA filter and the conditioner.

$\lambda_{\text{max}} = 2.14 \times 10^8 \text{ cm}^{-1}$ (1) $\lambda_{\text{max}} = 2.14 \times 10^8 \text{ cm}^{-1}$ (1) $\lambda_{\text{max}} = 2.14 \times 10^8 \text{ cm}^{-1}$ (1)

NOTE: _____

$\lambda_1, \lambda_2, \dots, \lambda_n$ are the eigenvalues of A , then

$$\lambda_1 + \lambda_2 + \dots + \lambda_n = \text{tr}(A).$$
 This is a special case of the more general result that the sum of the eigenvalues of A is equal to the trace of A .

The eigenvalues of A are the roots of the characteristic polynomial

$$p(\lambda) = \det(A - \lambda I).$$
 The eigenvalues of A are the roots of the characteristic polynomial

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 The eigenvalues of A are the roots of the characteristic polynomial

$$p(\lambda) = \det(A - \lambda I).$$

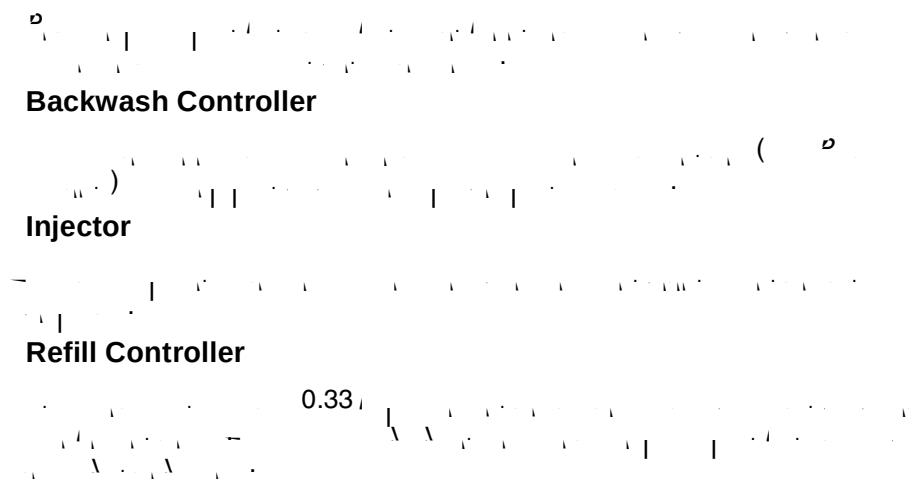
[illegible]

[illegible]

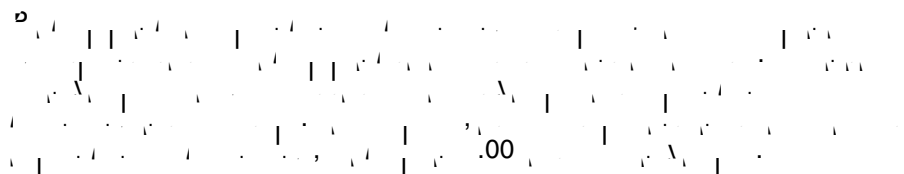
PROGRAMMING THE 700 FOR 5-CYCLE FILTER APPLICATIONS

Manganese Greensand Systems

Sizing FA Filters



Initial Resin Volume Setting



"Salt" Setting for KMNO₃ Regenerant



Days Between Regeneration Setting (742 FA)



$$\begin{array}{r}
 300 \\
 10 \\
 (10) \quad 3000 \\
 3.3 \\
 (10,000), \quad (3,000) \\
 3 \\
 4 \\
 300 \\
 10 \quad 300 \quad / \quad 3000 \quad / \\
 10,000 \quad \div 3000 \quad / \quad 3.3 \\
 3
 \end{array}$$

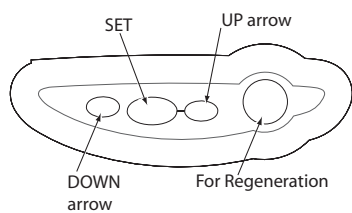
Volume/Demand Regeneration Setting

1. 10,000 (°)
1. 10,000. "10" 0"
- 3 "3"
- 3.

Things You Might Need to Know

3,	
0	
00	
0	
00	
00	
0 (	)
00	---

742/762 SERIES ADVANCED PROGRAMMING



00

Action	Key	Duration	Display
		0	
	0	0	
		0	
	0	0	
		0	
		0	
		0	
	0	0	01

742/762 Level II Professional Programming

4 /

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011

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013

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01

0

0

0

(4)

Accessing History Values

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Accessing History Values

History Values

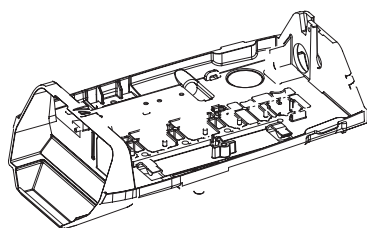
	Description	Range	Notes
0			
1		0	
3		0 131,0 0 1,310. 0 ³	
4		0 131,0 0 1,310. 0 ³	
	100	0 , 00 0 , ³	
	1,000,000	4, 4 10 4, 4 10 ⁴ ³	
		0 131,0 0 1,310. 0 ³	
		0 131,0 0 1,310. 0 ³	
		0 131,0 0 1,310. 0 ³	
10		0 131,0 0 1,310. 0 ³	
11		0 131,0 0 1,310. 0 ³	
1		0 131,0 0 1,310. 0 ³	
13		0 131,0 0 1,310. 0 ³	
14		0 -	
1		0 - 00 1,000	
1			
1		0 - ,1 4	
		0 - , 3	

Resetting the Control

1. 0
3. 0
- 4.

PARTS AND ACCESSORIES

255 Valve Exploded View



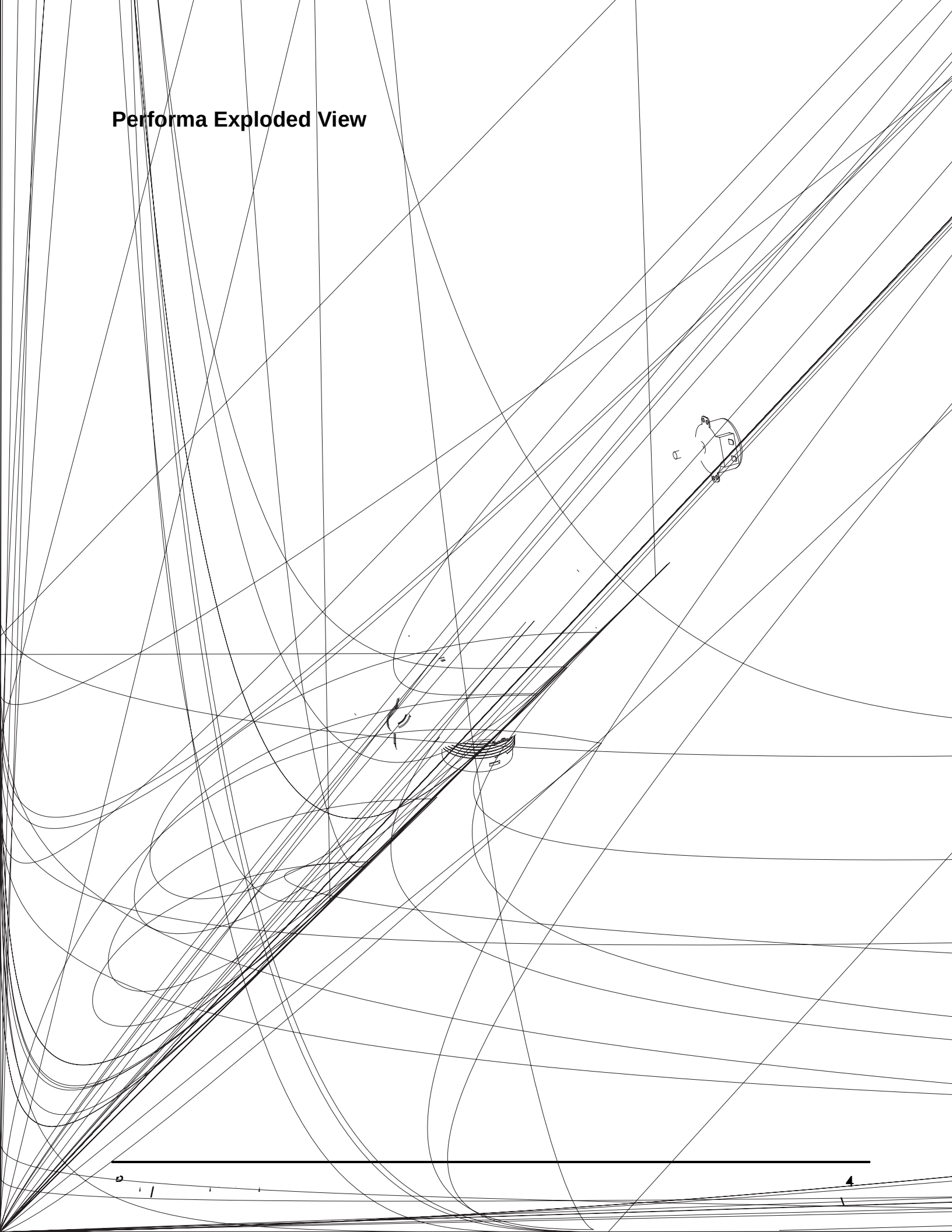
255 Valve Parts List

Part				Part			
Code	No.	Description	Qty.	Code	No.	Description	Qty.
1	1 44 0		1	1	1000		1
	1033 4		1	1			1
3	10104		1		1000 0	(1.3, 4.)	
4	10104		1		1000 10	(1. , 4.)	
	1 3 340		1		1000 11	(. , .3)	
					1000 1	.10 (. , 10.)	
	1 3 341		1		100 130	.1 (3. , 14.)	
	1 3 4 *		1		1000 14	.13 (4. , 1)	
					1000 1	.14 (.3, 0)	
	1001404		1	1	1000		,0.33, 1
	10404		1	1	1 43 10		
10	1001	13/1	1	1			1
*	1000 0		1		103 41	3/ -	
*	1 3 0		1		103 41	1/4-	
11			1	0	1 3 3 3		1
	103140			1	1030 0		1
	1031403			*	10330		1
	1031404				1 3 44		1
	103140			*	1 331		
	103140			*	1 4433		,0.33, 1
	103140			*	1 4 411		
	100 0 3			*	1 3 11		,0.1
1			1	*	1 3		
	1 3 3 3			*	1 3 3		,0.1
				*	1 3 4		
	1 3 1						
13	1 3 3 1		1				
14	1000		1				
1			1				
	103 30						
	103 31						
	103 3						
	103 33						
	103 34						
	103 3						
	103 3						

255 Valve Parts List (Continued)

Part				Part			
Code	No.	Description	Qty.	Code	No.	Description	Qty.
*		Ø 1 1/2" x 1 1/2" (1 1/2" x 1 1/2")		*	1001 0	3/4" Ø 1 1/2" x 1 1/2"	1
	1040	3/4" Ø 1 1/2" x 1 1/2"		*	1001 0	1" Ø 1 1/2" x 1 1/2"	1
	1040	1" Ø 1 1/2" x 1 1/2"		*	1001 0	1 1/2" Ø 1 1/2" x 1 1/2"	1
	1040 1	3/4" Ø 1 1/2" x 1 1/2"		*	1001 13	3/4" Ø 1 1/2" x 1 1/2"	1
				*	1001 14	1" Ø 1 1/2" x 1 1/2"	1
	1040	1" Ø 1 1/2" x 1 1/2"		*	1001 1	1 1/2" Ø 1 1/2" x 1 1/2"	1
	1040	3/4" Ø 1 1/2" x 1 1/2"		*	1001	3/4" Ø 1 1/2" x 1 1/2"	1
	1040 0	1" Ø 1 1/2" x 1 1/2"		*	1001 03	1" Ø 1 1/2" x 1 1/2"	1
	1040 3	3/4" Ø 1 1/2" x 1 1/2"		*	1001 04	3/4" Ø 1 1/2" x 1 1/2"	1
				*	1001 0	1" Ø 1 1/2" x 1 1/2"	1
	1040 4	1" Ø 1 1/2" x 1 1/2"		*	1001 11	3/4" Ø 1 1/2" x 1 1/2"	1
*	104033	Ø 1 1/2" x 1 1/2"	1	*	1001 10	1" Ø 1 1/2" x 1 1/2"	1
*				*	1001 1	1" Ø 1 1/2" x 1 1/2"	1
	103 3 0		1				
	103 3 1		1				
*							
	1040		1				
	1040 4		1				

Performa Exploded View



Performa Parts List

Part				Part			
Code	No.	Description	Qty.	Code	No.	Description	Qty.
1	1 44 1	1 /	1	103	3	(1 -) -	
	1 3 33 *	1 / 00	1			(1 -)	
3	1 3 33 *	1 /	1	103	3	(13 & 14 -)	
		1 /				(13 & 14 -)	
4	1 3 4 *	1 / 00/ 0	1	103		3	
		1 /	1	103			
	1 3 3 *	1 3- / 00- 0		10	1000	0.33	1
		1 /		10	1 43 10		
	1 3 40 *	1 / 00- 0		11	1030 0		
		1 /		*	1030334	3	
	1 3 403*	1 3/ 00- 0		1	100 44	(3/4 -)	1
	1 3 404*	1 3/ 00- 0		13	10104		1
		()		14	1000		1
	1 3 40 *	1 / 00- 0		1	103		1
		1 /		*	10411 4		
	1 3 40 *	1 / 00- 0		1			1
		()			1001 0 3/4-		
			1		1001 0 1-		
	1000 0	(1.3, 4.)			1001 0		
	1000 10	(1. 4)			1001 13 3/4-		
					1001 14 1-		

* 1000 10 1. 4)

Logix 700 Series Controllers Parts List

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TROUBLESHOOTING

700 Series Controller Troubleshooting

Problem	Possible Cause	Solution
1. The controller will not start.	- The power supply is not connected properly. - The power supply is not on. - The power supply is not the correct voltage.	- Check the power supply connections. - Check the power supply switch. - Check the power supply voltage.
2. The controller will not stop.	- The stop button is not connected properly. - The stop button is not on. - The stop button is not the correct voltage.	- Check the stop button connections. - Check the stop button switch. - Check the stop button voltage.
3. The controller will not run.	- The run button is not connected properly. - The run button is not on. - The run button is not the correct voltage.	- Check the run button connections. - Check the run button switch. - Check the run button voltage.
4. The controller will not stop when the stop button is pressed.	- The stop button is not connected properly. - The stop button is not on. - The stop button is not the correct voltage.	- Check the stop button connections. - Check the stop button switch. - Check the stop button voltage.
5. The controller will not run when the run button is pressed.	- The run button is not connected properly. - The run button is not on. - The run button is not the correct voltage.	- Check the run button connections. - Check the run button switch. - Check the run button voltage.
6. The controller will not stop when the stop button is pressed and will not run when the run button is pressed.	- The stop button is not connected properly. - The stop button is not on. - The stop button is not the correct voltage.	- Check the stop button connections. - Check the stop button switch. - Check the stop button voltage.

System Troubleshooting

Problem	Possible Cause	Solution
1. The system does not start.	• The power supply is not connected. • The power switch is not turned on. • The power supply is not working.	• Check the power supply connection. • Turn on the power switch. • Check the power supply.
2. The system does not work properly.	• The system is not properly configured. • The system is not properly installed.	• Check the system configuration (see page 10). • Check the system installation (see page 10).
3. The system does not work properly.	• The system is not properly configured. • The system is not properly installed. • The system is not properly maintained.	• Check the system configuration (see page 10). • Check the system installation (see page 10). • Check the system maintenance (see page 10).
4. The system does not work properly.	• The system is not properly configured. • The system is not properly installed. • The system is not properly maintained.	• Check the system configuration (see page 10). • Check the system installation (see page 10). • Check the system maintenance (see page 10).
5. The system does not work properly.	• The system is not properly configured. • The system is not properly installed.	• Check the system configuration (see page 10). • Check the system installation (see page 10).
6. The system does not work properly.	• The system is not properly configured. • The system is not properly installed.	• Check the system configuration (see page 10). • Check the system installation (see page 10).
7. The system does not work properly.	• The system is not properly configured. • The system is not properly installed.	• Check the system configuration (see page 10). • Check the system installation (see page 10).

