Pentair Water

PRF 368 Valve

TABLE OF CONTENTS

MANUAL OVERVIEW

How To Use This Manual

Icons That Appear In This Manual

⚠ WARNING: Failure to follow this instruction can result in personal injury or damage to the equipment.

NOTE: This will make the process easier if followed

Inspection

SAFETY INFORMATION

- All plastic connections should be hand tightened. Teflon*

* Teflon is a trademark of E. I. duPont de Memours

TYPICAL TOOLS AND FITTINGS REQUIRED

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- Tefon Pipe Tape
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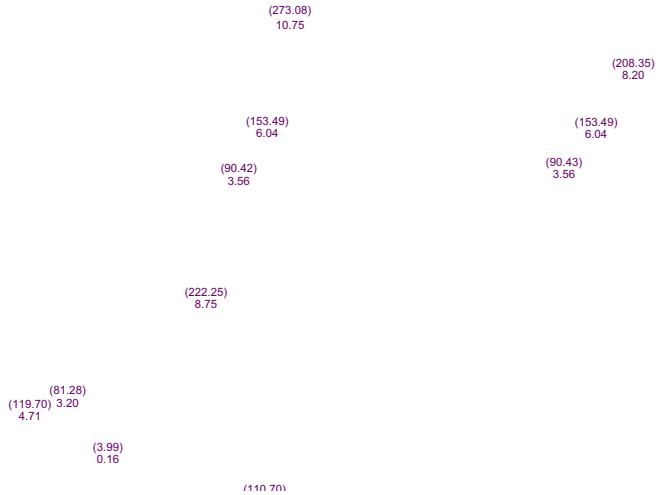
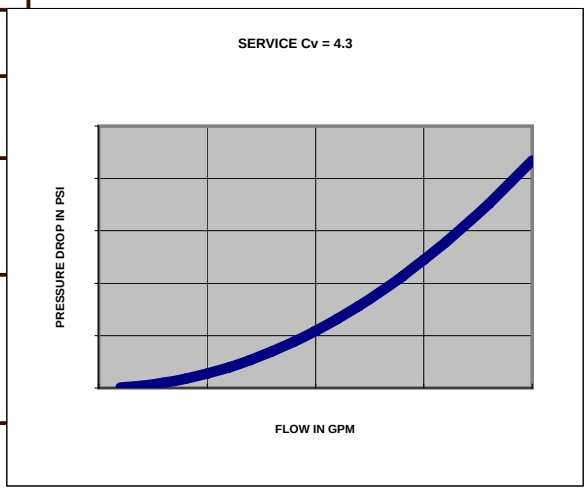
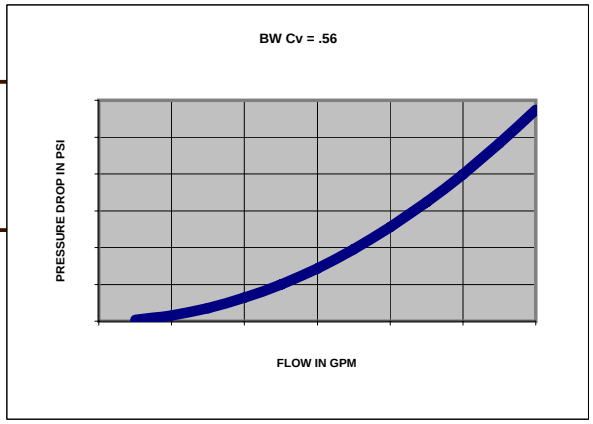
VALVE DIMENSIONS- 368



SPECIFICATIONS

Flow Rates (Valve Only)

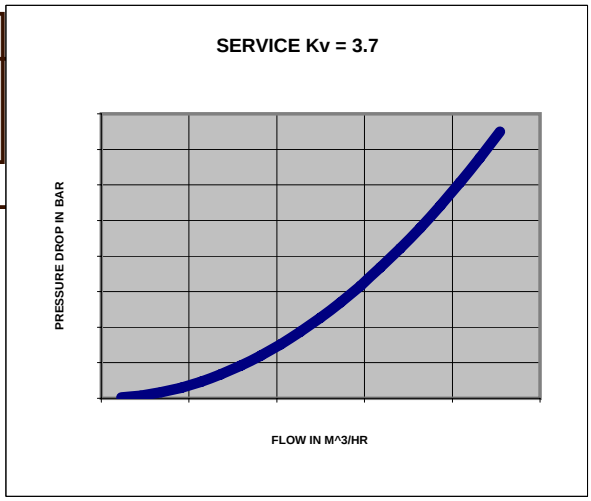




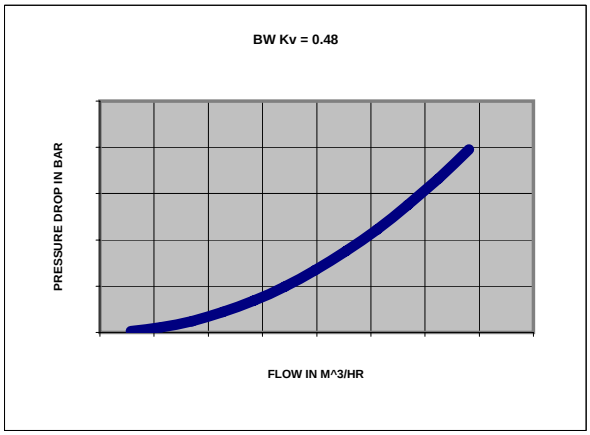
Valve Connections

Valve Body	Glass-filled Noryl®
Ambient Temperature*	35-122°F (2 - 50°C)
Refill Flow Rate	0.14 gpm (0.53 Lpm)/0.33 gpm (1.25 Lpm)

* Recommended for indoor use only



Options/Accessories (6" to 10" diameter tanks)



EQUIPMENT INSTALLATION

General Warnings And Safety Information

Electrical

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Mechanical

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- All plastic connections should be hand tightened. Teflon
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- valve fittings, plumbing, or the bypass
- Use Teflon* tape on all threads.

*Teflon is a trademark of E.I. duPont de Nemours

General

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- When filling media tank, do not open water valve

Always make modifications to house plumbing first

System Recharge Cycles

Service (Downflow):

Backwash 1 (Upflow):
The flow of water is reversed by the control valve and

is flushed to the drain.

Brine Draw (Downflow):

Slow Rinse (Downflow):

This cycle closes the flappers for a short time to allow the

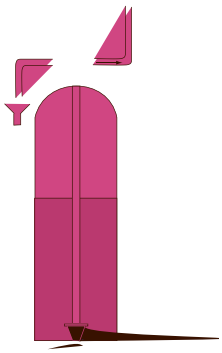
Fast Rinse 1 (Downflow):

Backwash 2 (Upflow):
The flow of water is reversed by the control valve and

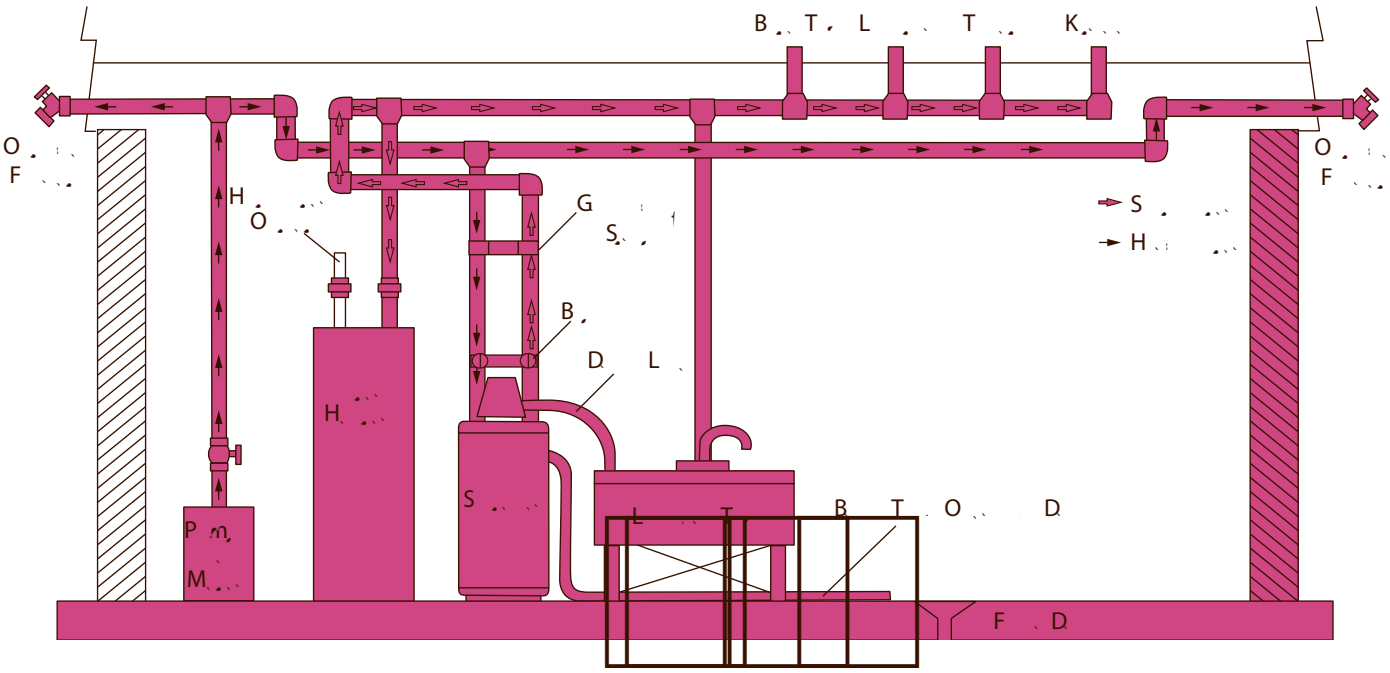
is flushed to the drain.

Fast Rinse 2 (Downflow):

Brine Refill:



EQUIPMENT INSTALLATION

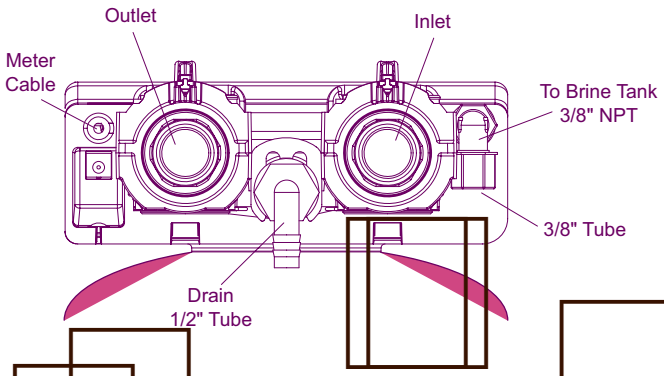


EQUIPMENT INSTALLATION

Grounding the Plumbing

sediment filter, neutralizer iron filter, or taste & odor filter they

Valve Layout



Drain Line Flow Control

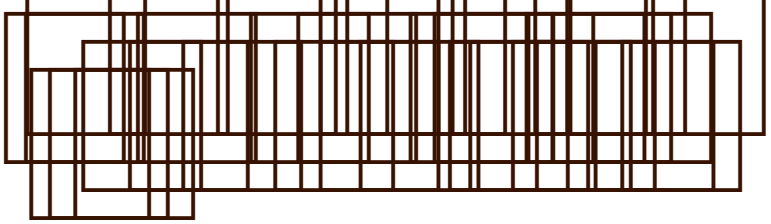
The drain line flow control (DLFC) requires assembly

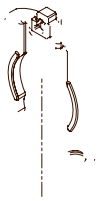
Locate parts and a roll of Teflon tape. The plumbing

Wrap the tape over threads of the flow control.

Screw the flow control and the 90° elbow together. Hand

Place the ball into the flow control and insert the assembly





EQUIPMENT INSTALLATION

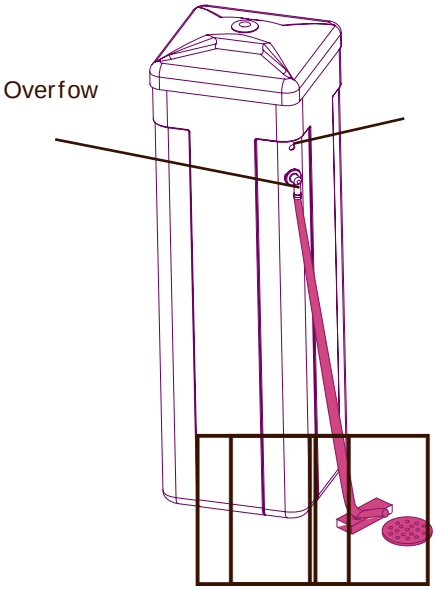
Salt Line Connection

direct "overflow" to the drain instead of spilling on the floor. This fitting should be on the side of the cabinet.

To connect the overflow line, locate the tubing connector on the

of 1/2-inch (1.3-cm) I.D. tubing to fitting and run to drain. Do not elevate overflow line higher than overflow fitting.

Do not tie into drain line of control unit. Overflow line must be a direct, separate line from overflow fitting to drain, sewer or tub.



OPERATION & LAYOUT

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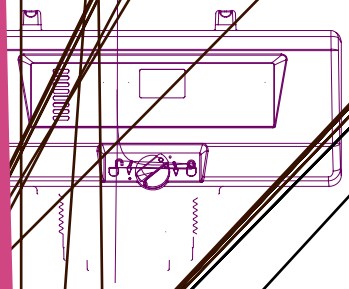
ow indicator blinks on and off when water

ry Retention

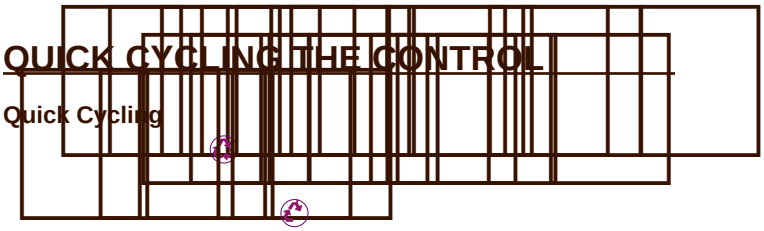
ogrammed parameters are stored in

ash memory retention is 100 years



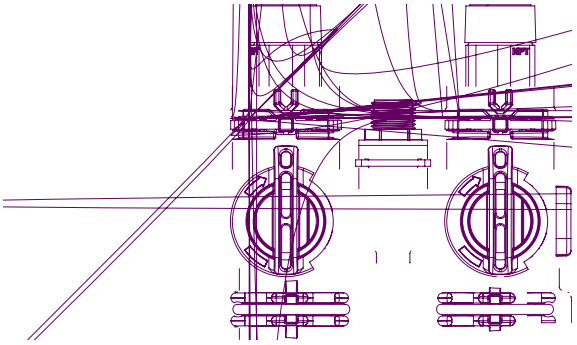
QUICK CYCLING THE CONTROL

Quick Cycling

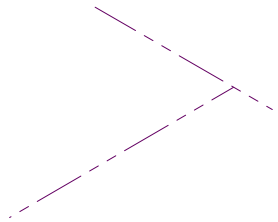


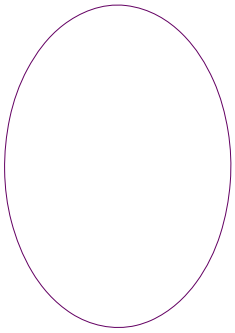
START-UP

the bypass valve to the “not in bypass” (normal operation)



VALVE ASSEMBLY - 368





VALVE ASSEMBLY - 368

Item No.	QTY	Part No.	Description
			Refill Flow Control Assemblies
			Assy Refill Cont- 0.1 gpm
			Assy Refill Cont- 0.3 gpm

Item No.	QTY	Part No.	Description

TROUBLESHOOTING

604-606 Control - Error Codes

Problem	Possible Cause	Solution
	Camshaft is turning more than five minutes to find Home	If motor continues to rotate indefinitely, replace the following

System

Problem	Possible Cause	Solution
Salt tank overflow.	No drain line flow control.	Install drain line flow control.
		service flow.

SERVICE ASSEMBLIES

Valve Body Assemblies:

Controllers:

Motors:

Injectors:

Assy Refll Cont - 0.14 gpm (Required

Assy Refll Cont - 0.33 gpm (Required

Meters:

Bypass/Manifold:

DLFC:

Fittings/Connectors:

Power: