Pentair Water

PRF 368 Valve

Installation and Operation Manual

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SAFETY INFORMATION

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- All plastic connections should be hand tightened. Tefon*
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MANUAL OVERVIEW

How To Use This Manual

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Icons That Appear In This Manual

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

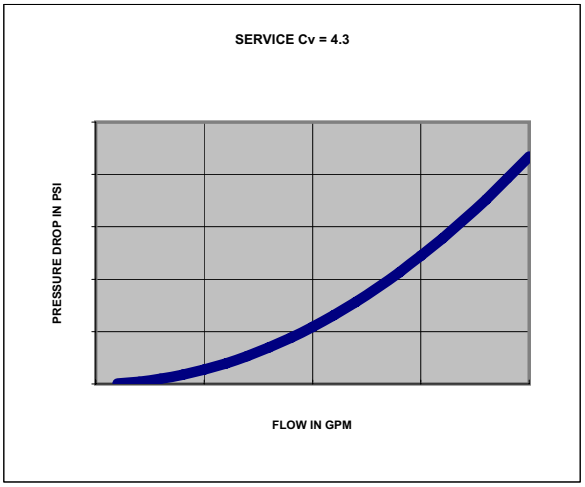
NOTE: This will make the process easier if followed.

Inspection

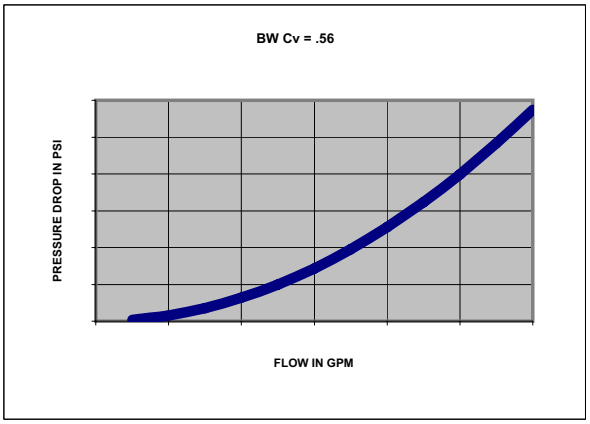
* Tefon is a trademark of E. I. duPont de Memours

SPECIFICATIONS

Flow Rates (Valve Only)



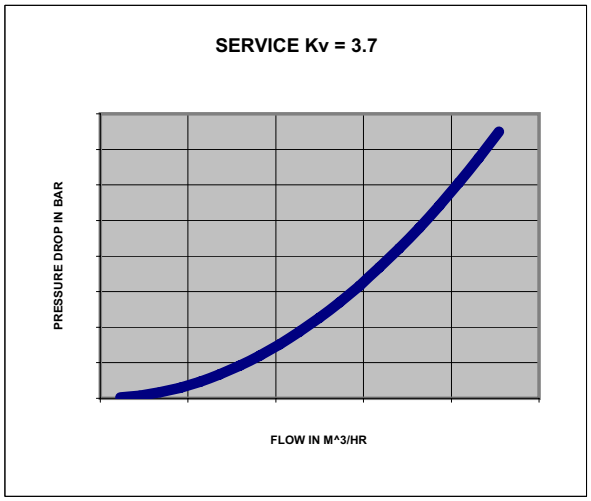
Valve Connections



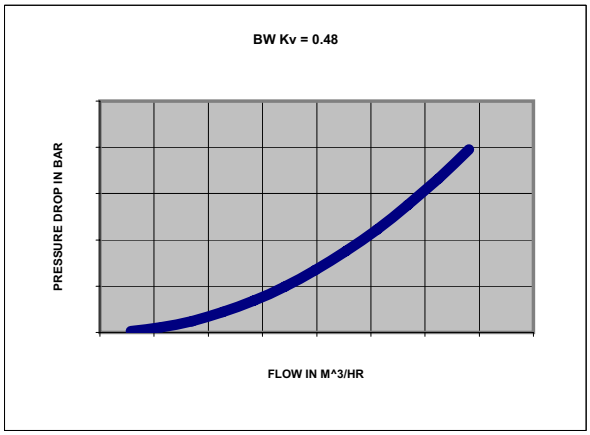
Design Specifications

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. Tefon
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- valve fttings, plumbing, or the bypass.
- Use Tefon* tape on all threads.

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

General

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- When flling media tank, do not open water valve
- Always make modifcations to house plumbing frst.
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System Recharge Cycles

Service (Downfow):

Backwash 1 (Upfow):
The fow of water is reversed by the control valve and

is fushed to the drain.

Brine Draw (Downfow):

Slow Rinse (Downfow):

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

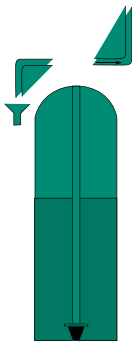
Fast Rinse 1 (Downfow):

Backwash 2 (Upfow):
The fow of water is reversed by the control valve and

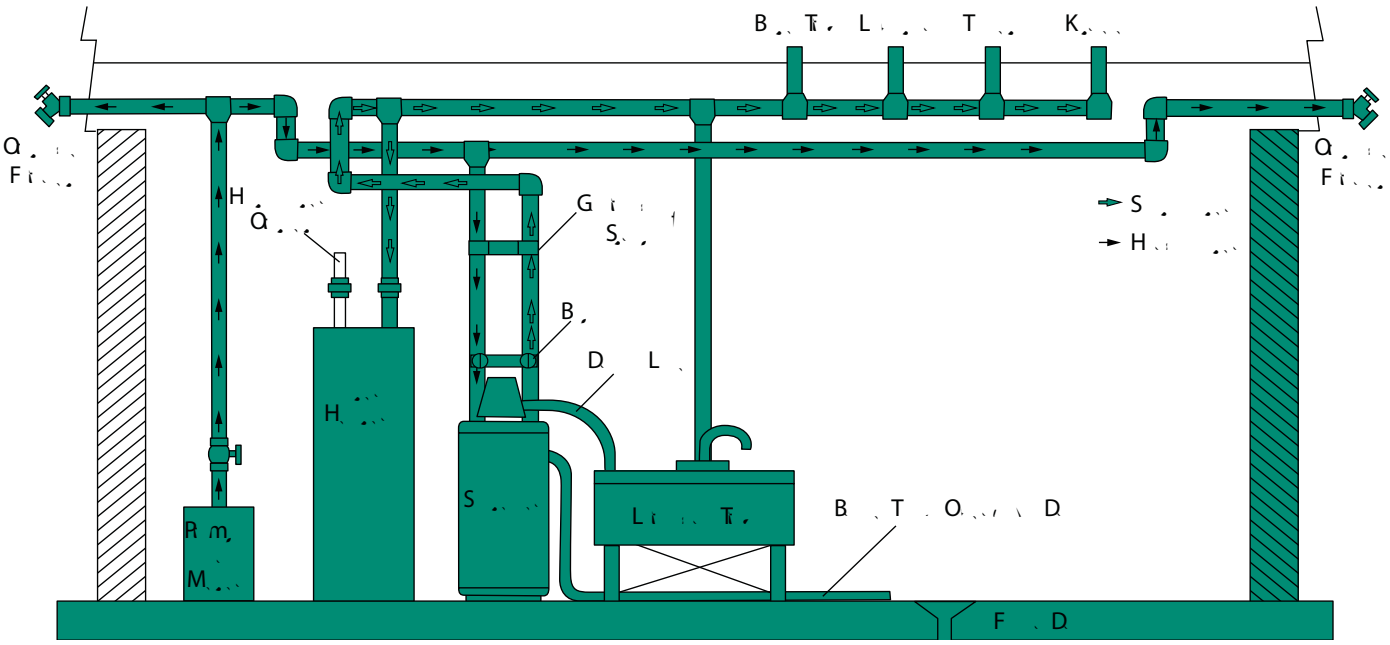
is fushed to the drain.

Fast Rinse 2 (Downfow):

Brine Refll:



EQUIPMENT INSTALLATION *continued*

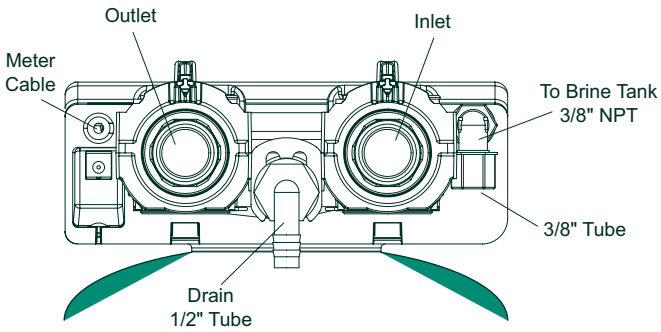


EQUIPMENT INSTALLATION *continued*

Grounding the Plumbing

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

Valve Layout



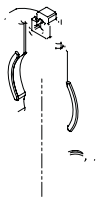
Drain Line Flow Control

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 *continued*

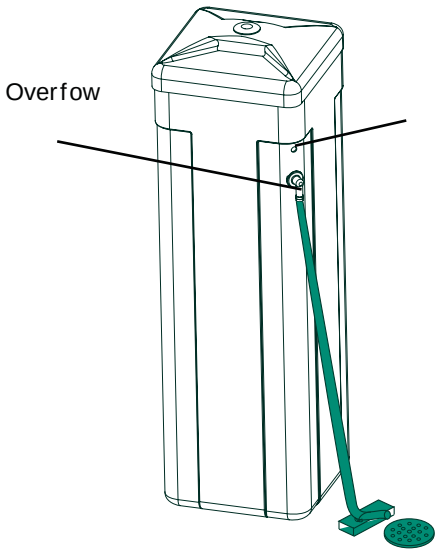
Overfow Line Connection

direct “overfow” to the drain instead of spilling on the foor. This fting should be on the side of the cabinet.

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

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

Do not tie into drain line of control unit. Overfow line must be a direct, separate line from overfow fting to drain, sewer or tub.



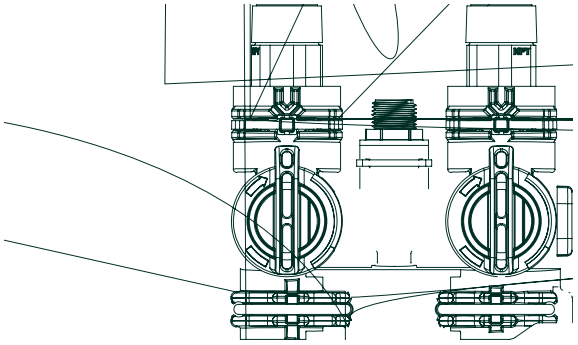
Salt Line Connection

QUICK CYCLING THE CONTROL

Quick Cycling

↓ ↑

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



VALVE ASSEMBLY - 368 *continued*

Item No.	QTY	Part No.	Description	Item No.	QTY	Part No.	Description
			Refll Flow Control Assemblies				
			Ass'y Refll Cont - 0.14 gpm				
			Ass'y Refll Cont - 0.33 gpm				

TROUBLESHOOTING

604-606 Control - Error Codes

Problem	Possible Cause	Solution
	Camshaft is turning more than fve minutes to fnd Home	If motor continues to rotate indefnitely, replace the following

System

Problem	Possible Cause	Solution
Salt tank overfow.		
	No drain line fow control.	Install drain line fow control.
service fow.		

SERVICE ASSEMBLIES

Valve Body Assemblies:

DLFC:

Controllers:

Motors:

Fittings/Connectors:

Injectors:

Power:

Ass'y Refill Cont - 0.14 gpm (Required

Ass'y Refill Cont - 0.33 gpm (Required

Meters:

Bypass/Manifold: