



**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

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- All plastic connections should be hand tightened. Teflon*

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



TYPICAL TOOLS AND FITTINGS REQUIRED

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- Teflon Pipe Tape
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VALVE DIMENSIONS- 368



SPECIFICATIONS

Flow Rates (Valve Only)

Valve Connections

Valve Body

Glass-Filled Nylon

Ambient Temperature*

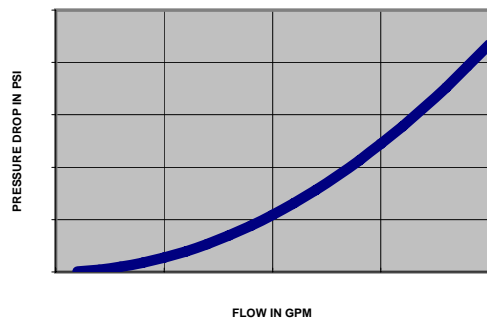
35-122°F (2 - 50°C)

Refill Flow Rate 0.14 gpm (0.53 Lpm)/0.35 gpm (1.25 Lpm)

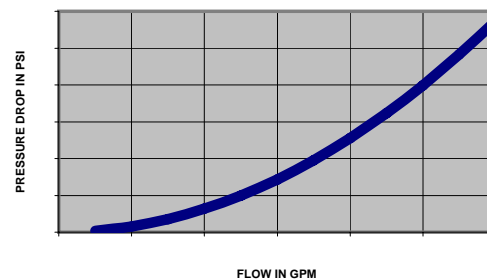
* Recommended for indoor use only

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

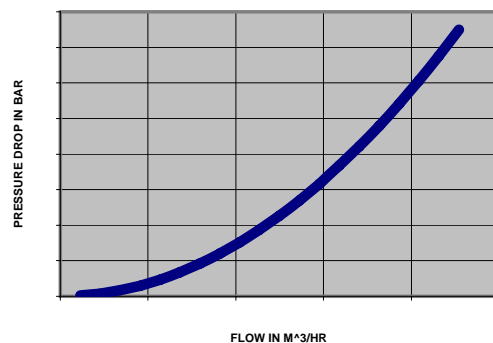
SERVICE Cv = 4.3



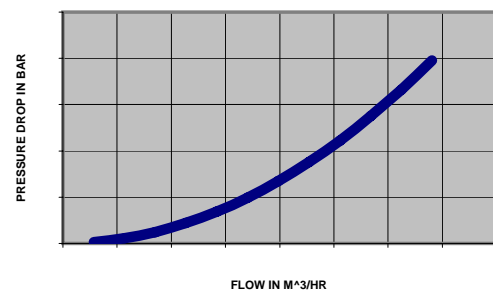
BW Cv = .56



SERVICE Kv = 3.7



BW Kv = 0.48



EQUIPMENT INSTALLATION

General Warnings And Safety Information Electrical

- Always make modifications to house plumbing first.
- System Recharge Cycles
- Service (Downflow)

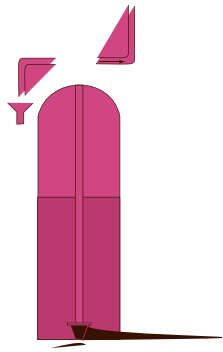
Mechanical

- 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)
- valve fittings, plumbing, or the bypass
- Use Teflon® tape on all threads.

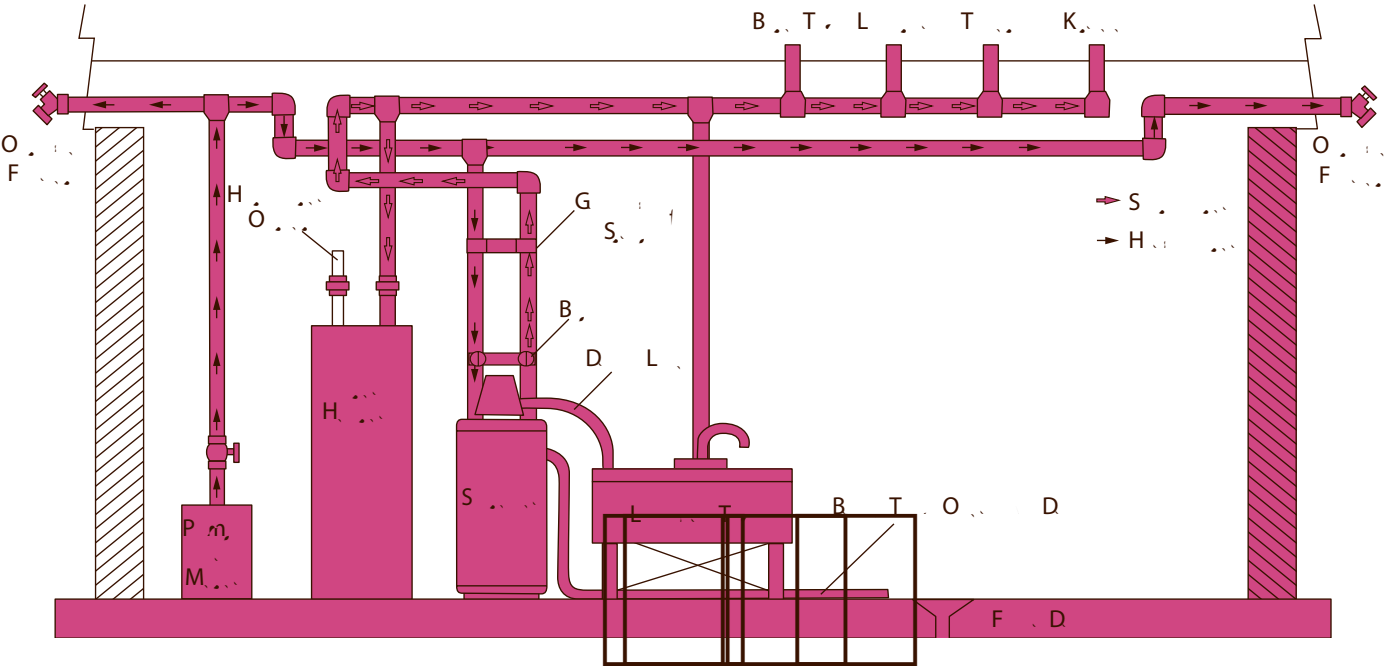
*Teflon is a trademark of E.I. duPont de Nemours

General

- 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
- When filling media tank, do not open water valve



EQUIPMENT INSTALLATION

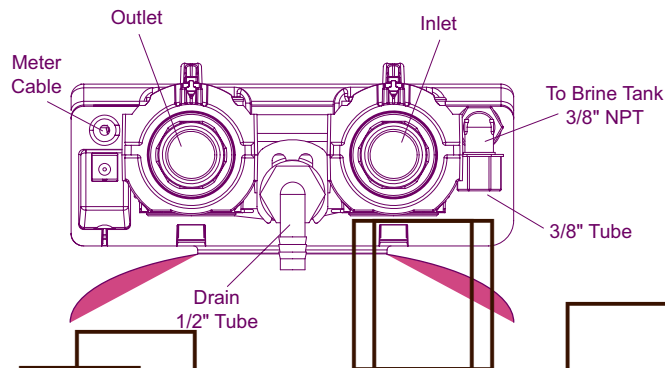


EQUIPMENT INSTALLATION

Grounding the Plumbing

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

Valve Layout



Drain Line Flow Control

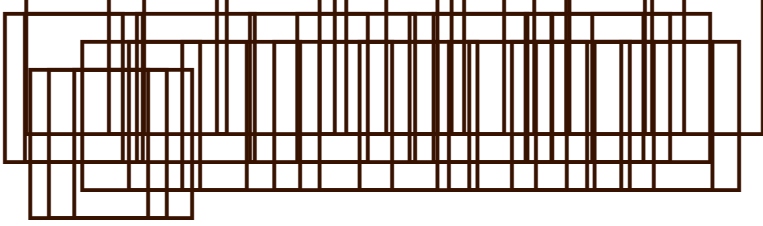
The drain line flow control (DLFC) requires assembly.

1. Locate parts and a roll of Teflon tape. The plumbing

2. Wrap the tape over threads of the flow control.

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

4. Place the ball into the flow control and insert the assembly



EQUIPMENT INSTALLATION

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

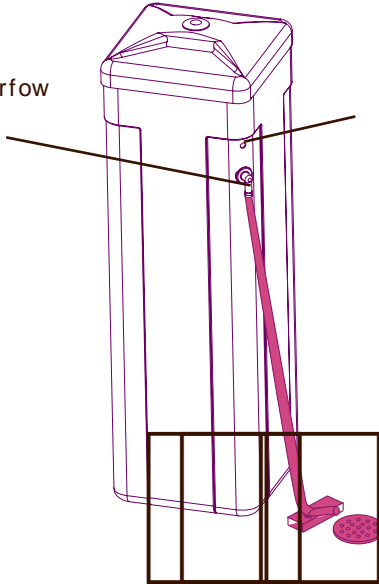
To connect the overflow line, locate the tubing connector on the

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.

Salt Line Connection

Overflow



OPERATION & LAYOUT

by

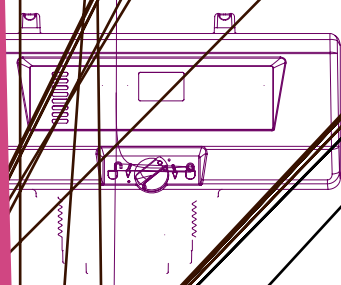
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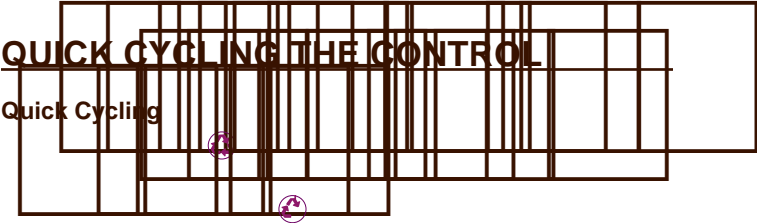
water

low indicator blinks on and off when water

ry Retention

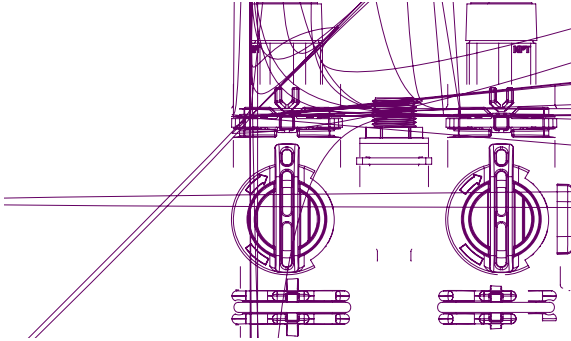
rogrammed parameters are stored in
ash memory retention is 100 years

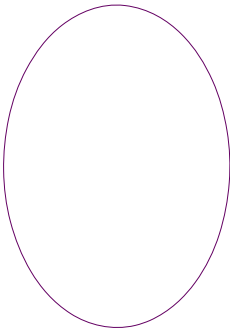
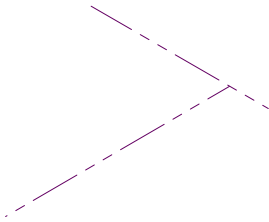




START-UP

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





604-606 Control - Error Codes

[illegible]

SERVICE ASSEMBLIES

Valve Body Assemblies:

DLFC:

Controllers:

Motors:

Injectors:

Fittings/Connectors:

Power:

Assy Refill Cont - 0.14 gpm (Required

Assy Refill Cont - 0.33 gpm (Required

Meters:

Bypass/Manifold:

