

## Replacement Parts

The PRF filter comes with a 200 mesh stainless steel filter installed.

RBY-200-SS-MX	200 mesh stainless steel filter element
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## Operation Range

Flow	0.2 to 5.0 gpm (0,8 to 18,9 L/m)
Inlet Pressure	20 to 120 psi (1,8 to 8,3 bar)
Outlet Pressure	Regulated at 30 psi (2,1 bar)
Water Temperature	33°F (0,5°C) to 110°F (43°C)
Ambient Temperature	33°F (0,5°C) to 125°F (52°C)
Valve Voltage	24 VAC 50/60 Hz (cycles/sec)

## Related Products

XFD-xx-xx-xxx	XF Series Dripline Available in 0.6 or 0.9 GPH at 12", 18", or 24" spacing.
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### Rain Bird Corporation

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### Rain Bird Corporation

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[www.rainbird.com](http://www.rainbird.com)

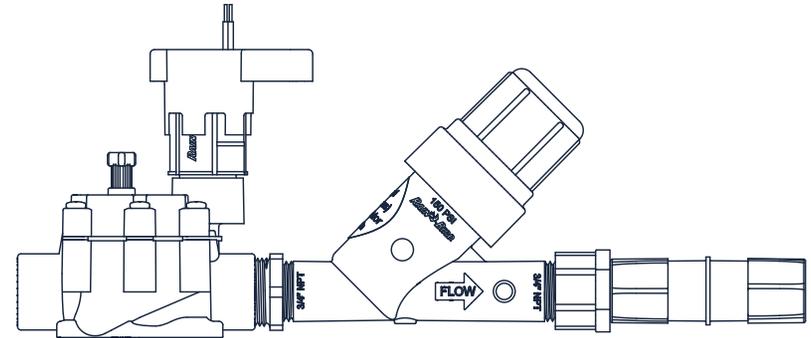
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P/N 177630  
Rev A

# RAIN BIRD®

## 1" Low-Flow Control Zone Kit with PR Filter

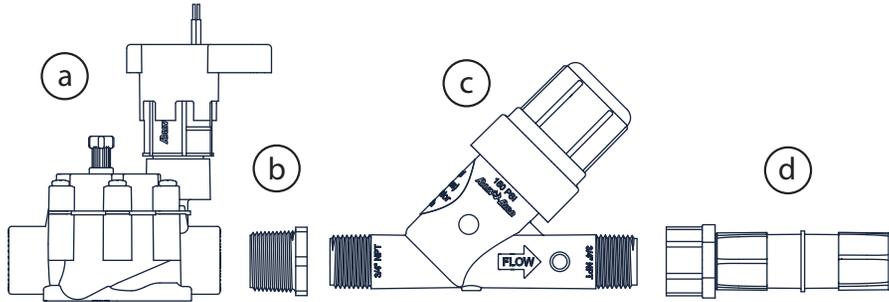


Model:  
XCZ-LF-100-PRF

## Installation and Operation

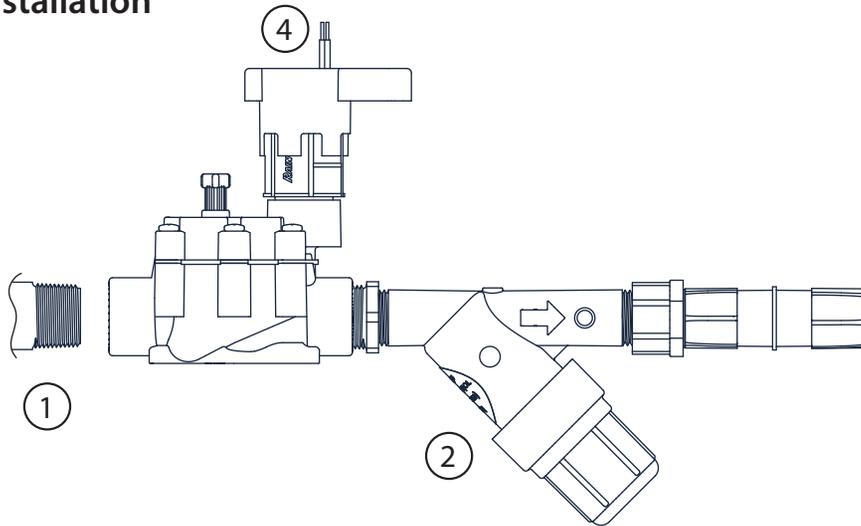
 **Xerigation®**

## Assembly



1. Apply Teflon™ tape (1 ½ to 2 turns) to all male pipe threads. **Do not** use pipe thread or pipe dope compound.
2. Hand tighten components in the above configuration, no more than 2 turns past finger tight. Make sure the flow arrow on the filter is in the correct orientation.
  - a. Low Flow Valve - 1" female NPT to 1" female NPT
  - b. Reducer bushing - 1" male NPT to 3/4" female NPT
  - c. Pressure-Regulating Filter (PRF) - 3/4" male NPT x 3/4" male NPT
  - d. Multi-diameter Fitting (MDF) - 3/4" female NPT to poly tubing

## Installation



1. Install the Low Flow Valve on the water supply line.
2. Orient the Pressure-Regulating Filter down to prevent debris entering the line when the filter is removed for cleaning.
3. **Do not** install tubing or other downstream elements yet.
4. Connect one solenoid wire to the controller common and the other wire to the controller power. Use only water-tight connectors, such as Rain Bird ST-03.

5. Unscrew the cap of the Pressure-Regulating Filter and remove the filter element.
6. Replace cap without filter element.
7. Activate flow through the valve the valve either manually or using the controller. To Manually activate, turn the solenoid handle counter-clockwise ½ to ¾ turns.
8. Run water several minutes to flush the system.
9. Replace the filter element.
10. Prepare poly tubing 16mm to 18mm OD by cutting the tubing at least 1½" away from any emitter.
11. Check to see that the cut is clean and the tubing is not deformed (out of round).
12. Insert the tubing end into the Multi-Diameter Fitting, centering the tube on the white insert of the fitting. The tube should slide freely into the fitting for approximately ½" before meeting resistance.
13. After initial resistance, continue to insert the tube an additional ¾" until the tube reaches a full stop.

Note: Multi-diameter fittings cannot be reused.

## Operation / Maintenance

1. Periodically remove the filter element.
2. If dirty, rinse the filter element in water before reinstalling.

## Winterization

In a freezing climate, water should be removed from the irrigation system before freezing occurs. For more information, please refer to Rain Bird's Winterization Guide, available at [www.rainbird.com](http://www.rainbird.com).

## Technical Assistance

Internet: [www.rainbird.com](http://www.rainbird.com)  
Toll Free: 800-247-3782

Thank you for using our products.