

To All Todd Creek Village Homeowners

IMPORTANT INFORMATION CONCERNING:

Non-Potable Water Used Strictly for Irrigation (September 21, 2009)

Irrigation Season ends October 31, 2009

As reported last week, we have learned some homeowners have irrigation systems that are not specifically designed for use with non-potable water systems. Normally, this does not cause an issue, however, we recently observed a higher than usual level of algae formation in our main irrigation reservoir.

As a result, some of these (non-compliant) irrigation systems could become plugged due to their inability to pass vegetative matter (normal in raw water irrigation) through their filtering systems. When we learned of this issue, the District sent all residents a letter with accompanying information from an irrigation system manufacturer, Rainbird, outlining the specific products (valves) and general system information designed for use with non-potable water.

To fight the proliferation of algae in the reservoir, the District has also installed a sonic control system specifically designed to breakdown algae growths.

Three things you can do:

- 1) Determine whether or not you have an irrigation system that is not specifically designed for use with non-potable water. The District will, upon request, send a technician to inspect your system at no cost to you if you need help with system identification.
- 2) If your irrigation system conforms to normal standards created by irrigation manufacturers for non-potable water, do nothing.
- 3) Update your system with the special non-potable valves and, as necessary, other elements of your irrigation system.

The District is currently negotiating with an irrigation supply wholesaler for the best pricing possible for those homeowners who wish to purchase the appropriate valves to correct their systems. This information will be posted on our website as soon as it's available.

Keep in mind, we are near the end of the irrigation season for this year (October 31, 2009). For the majority of homeowners who do have a compliant irrigation system, this does not affect you in any way.

Thank you.

Todd Creek Village Metropolitan District

Rain Bird® Products Specifically Designed for Use with Non-Potable Water



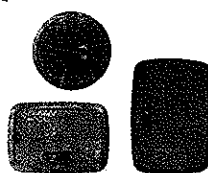
Purple Landscape Dripline
(pg. 184)



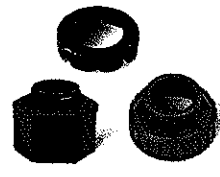
SPXFLEXRW Swing Pipe
(pg. 209)



Control Zone Kits
(pg. 195)



Purple Valve Box Lids
(pg. 212)



Purple Covers for Spray Heads:
1800® Series and UNI-Spray™ Series
Purple Plastic Shrub Adapter
(pg. 11, 13-14)



RWS Root Watering
with Purple Cap
(pg. 210)



Purple Covers for Rotors:
3500, 5000/5000 Plus, 5500,
Falcon® 6504, 7005, 8005 and
2045A Maxi-Paw™
(pg. 47-73)



PESB-R Series Valves:
Reclaimed water valves
available in 1", 1½", 2" sizes
(pg. 99)



EFB-CP Series Valves:
Reclaimed water valves
available in 1", 1¼", 1½", 2" sizes
(pg. 103)



Quick Coupling Valves
with locking purple covers:
33DNP, 44NP and 5NP
(pg. 109)

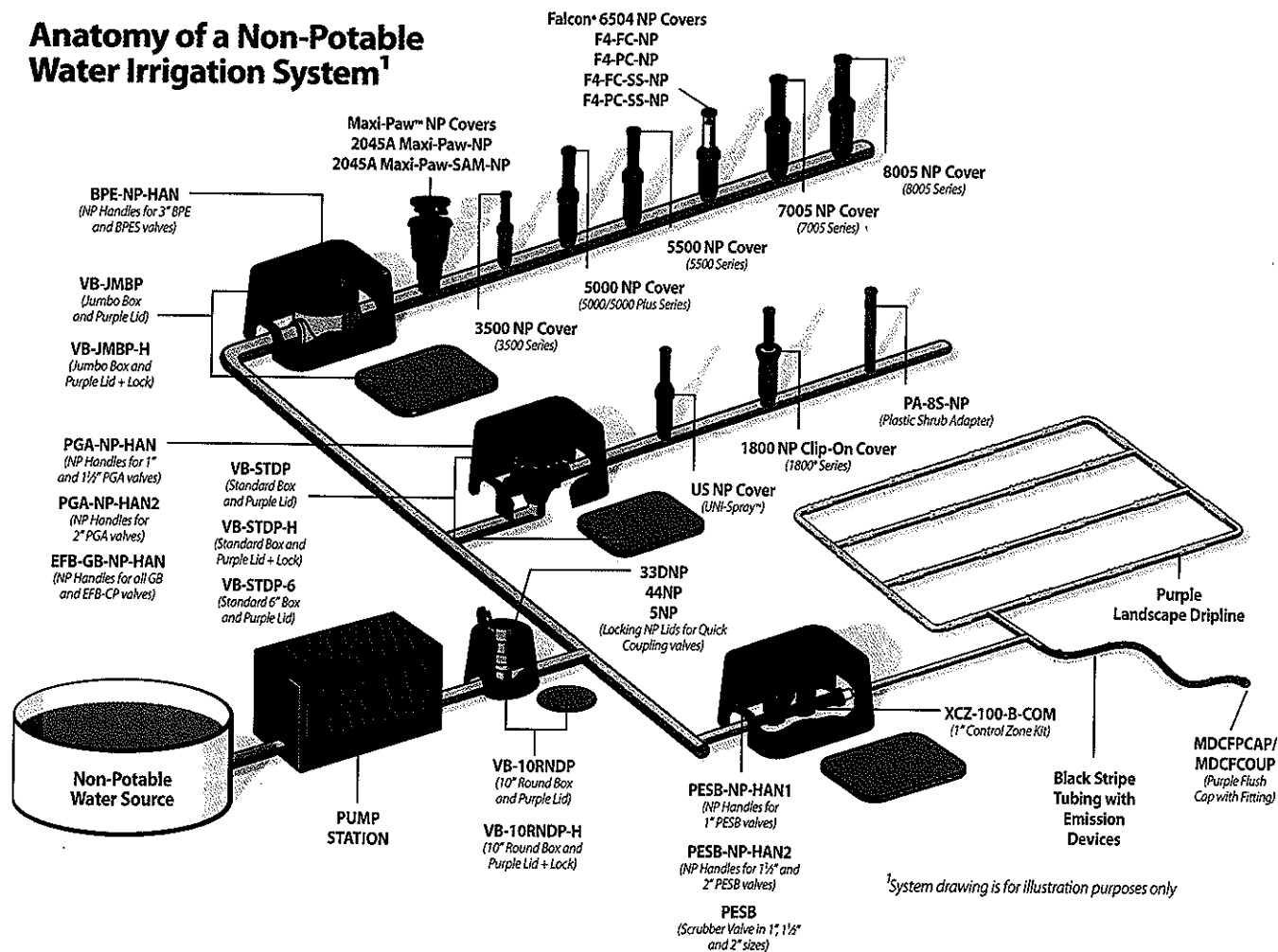


Purple Flush Cap
with Fitting
(pg. 190)



Purple PC Diffuser
Cap and Diffuser
Bug Cap
(pg. 180)

Anatomy of a Non-Potable Water Irrigation System¹



PEB/PESB Series

1", 1½", 2" (26/34, 40/49, 50/60) Plastic Industrial Valves

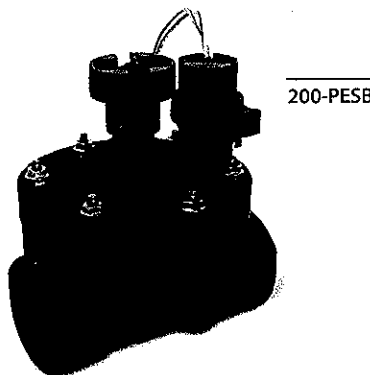
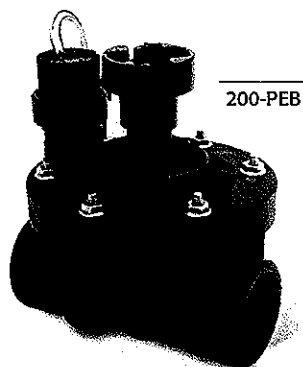
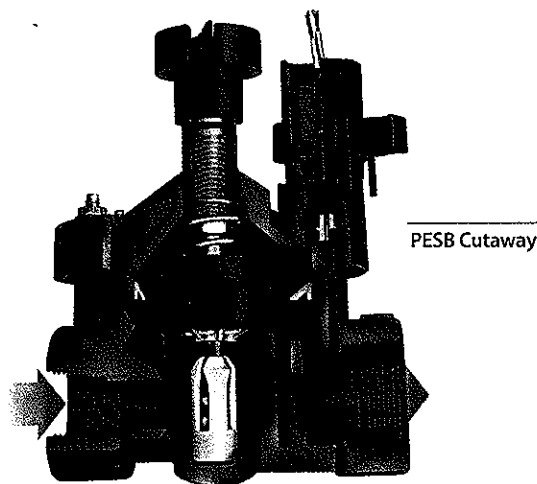
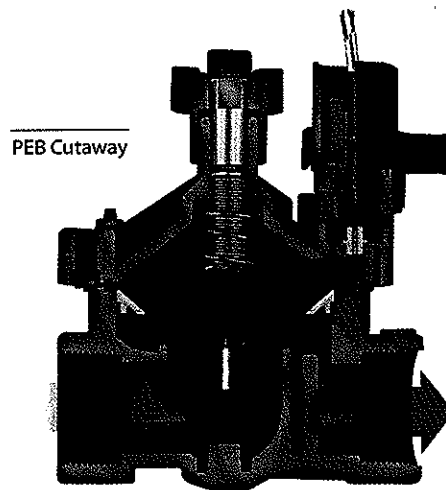
- Body constructed of durable glass-filled nylon for long life and reliable performance. Stainless steel studs molded into the body resist thread damage
- Slow closing to prevent water hammer and subsequent system damage
- Fabric-reinforced diaphragm for longer life

Features

- Low flow operating capability for a wide range of applications
- Plastic scrubber on the PESB valve scrapes the stainless steel screen to clean and break down grit and plant material. Prevents debris build-up and clogging
- One-piece solenoid with captured plunger and spring for easy servicing. Prevents loss of parts during field service
- Flow control handle adjusts water flow as needed
- Manual internal bleed operates the valve without allowing water into the valve box. Allows pressure regulator adjustment without turning on the valve at the controller
- Manual external bleed permits flushing debris from the system. Recommended for system start up and after repairs.
- Normally closed, forward flow design
- Globe configuration
- Compatible with Rain Bird MDC2 Two-Wire Decoder System

Options

- Accommodates field installed PRS-Dial pressure regulating module to ensure optimum sprinkler performance. Regulates up to 100 psi (6.9 bar)
- Purple flow control handles for easy identification of non-potable water systems.
 - PEB-NP-HAN1(1")
 - PEB-NP-HAN2 (1½" and 2")
- Accepts latching solenoid for use with Rain Bird battery-operated controllers up to 150 psi (10.4 bar)



How To Specify

100 - PEB - PRS-D

Model PEB	Optional Feature PRS-Dial: pressure regulating module
Size 100: 1" (26/34) 150: 1½" (40/49) 200: 2" (50/60)	

Note: Valve and PRS-Dial module must be ordered separately. For non-U.S. applications, it is necessary to specify NPT or BSP thread type.

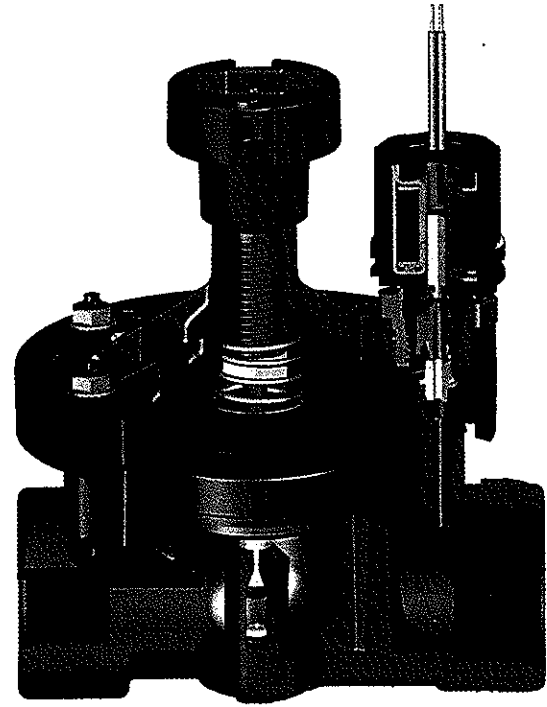
PESB-R Series Valves

1", 1½", 2" (26/34, 40/49, 50/60) Durable Chlorine-Resistant Valves for Reclaimed Water Applications

- Reliable operation even in heavily chlorinated water. Valve diaphragm composed of EPDM, a rubber material which is chlorine and chemical resistant
- Plastic valve parts molded of plastic which is chlorine and chemical resistant
- Body constructed of durable glass-filled nylon for long life and heavy-duty performance at 200 psi (13.8 bar) pressure

Features

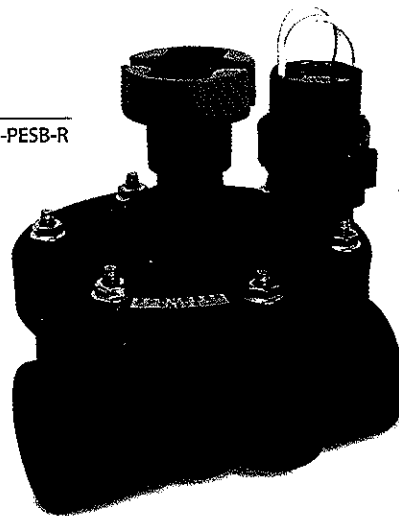
- One-piece solenoid design with captured plunger and spring for easy servicing. Prevents loss of parts during field service
- PESB-R conversion kits also available to convert existing PEB and PESB valves to reclaimed water valve. Kit includes NP handle, sticker, diaphragm assembly, scraper and snap washer
- Stainless steel studs molded into the body. Bonnet can be attached and removed easily without damaging threads
- External bleed protects the solenoid ports from debris when system is flushed.
- Internal bleed operates the valve without allowing water into the valve box; allows pressure regulator to be adjusted without turning on the valve at the controller first
- Low-flow operating capability (0.25 gpm; 0.06 m³/h; 1.2 l/m) for a wide range of applications
- Slow closing to prevent water hammer and subsequent system damage
- Scrubber mechanism scrapes stainless steel screen clean to break down grit and plant material
- Purple flow control handle standard on PESB-R Series valves
- Compatible with Rain Bird MDC2 Two-Wire Decoder System



PESB-R Cutaway

Valves

150-PESB-R



How To Specify

100 - PESBR - PRS-D

Model PESB-R: scrubber model	Optional Feature PRS-Dial: pressure regulating module
Size 100: 1" (26/34) 150: 1½" (40/49) 200: 2" (50/60)	

Note: Valve and PRS-Dial module must be ordered separately