

Recirculation System

Use a recirculation system to create a safe and fun splash pad without water consumption limits. Our industry-leading water quality treatment systems save millions of gallons of water annually, are easy to operate, and meet or exceed local health department regulations. Using our skid-mounted system, you can provide your own mechanical room or we can offer pre-fabricated enclosures for you.

1. **Activation bollard**
Touch-post activator
 2. **Ground spray**
Flush spray feature with nozzle effects
 3. **Single Port Collector**
Single port main drain collects splash pad water to return to tank
 4. **Debris waste chamber**
Intercepts debris before going into the underground water reservoir tank
 5. **Drain-line to waste**
Carries wastewater to sanitary or storm system
 6. **Aqua play features**
Above-grade spray feature with various water activities
 7. **Underground water reservoir tank**
Pre-fabricated and pre-plumbed with water level control, inlet loop, floating skimmer and submersible pump-out system
 8. **Lockable man-way with ladder access**
Easy access for servicing water reservoir tank
 9. **Distribution manifold**
Pre-plumbed and pre-fabricated with winterization blow-out port
 10. **Manual valves**
Manually control each spray feature's height and distance
 11. **Feature-pump skid**
Pre-fabricated and pre-plumbed with leveling legs
 12. **Filtration skid and automated chemical controller**
Pre-fabricated and pre-plumbed
 13. **Sand or cartridge filter**
Available with sand media or cartridges
 14. **System control panel**
UL-listed controls for total system and feature operation, including hours of operation, duration, events sequencing and on/off controls
 15. **Main power supply**
Typically 230 V, 1 phase 60 HZ and 112/120 V, 1 phase 60 HZ
 16. **Chemical treatment**
Liquid chlorine and pH-adjustment reservoir and pump
 17. **Water-fill supply**
Municipal water supply with pressure regulator (20 to 30 psi) and back-flow preventer (typically 1")
- Optional equipment:**
UV treatment, Above-ground enclosure

