

Discover unparalleled simplicity and reliability with the patent pending Mech₂O (pronounced mec-two-oh) water recirculation system. Engineered to redefine the standards of splash pad installation and maintenance, this innovative solution offers unmatched ease of use, ensuring lasting peace of mind. The pioneering technology of Mech₂O includes a fully pre-fabricated mechanical system, mounted on top of a pre-fabricated concrete water tank all within a compact footprint.

Recirculation System Powered by Mech₂O®

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. Mech₂O System
 - Underground Water Reservoir Tank**
To be pre-fabricated and pre-plumbed with water level control, inlet loop, floating skimmer and submersible pump-out system
 - Lockable Man-way with Ladder Access**
Easy access for servicing water reservoir tank
 - Distribution Manifold**
Pre-plumbed, pre-fabricated with winterization blow-out port
 - Manual Valves**
Manually control each spray feature's spray height and distance
 - Feature Pump**
Consists of a self-priming feature pump with integrated hair and link strainer
 - Filtration Pump**
Available with sand media or cartridges
 - System Control Panel**
UL-listed controls for total system and feature operation, including hours of operation, duration, events sequencing and on/off controls
 - Main Power Supply**
Typically 230 V 1PH /100A
 - Chemical Treatment**
Automatic chemical controller with liquid chlorine and pH-adjustment reservoir and pump
 - Water Fill Supply**
Municipal water supply with pressure regulator (20 to 30 psi) and back-flow preventer (typically 1")
 - Sanitary Waste Connection**
Municipal sanitary waste line with required air gap

