BATTERY OPERATED CONTROL VALVES

LOW COST SOLUTION FOR AUTOMATIC IRRIGATION

APPLICATIONS
- Agriculture or Greenhouse/Nursery
- Where power or wiring is not available or not affordable
- Retrofit for manual systems
- Indoor or outdoor installations
- Addition of pressure reducing or any other control function

SPECIFICATIONS
Electrically controlled valve components:
- 2-Way Nylon Valve or 3-Way Nylon, PVC, Iron or Bronze Valve
- Battery operated Aqua Pro Single Valve Controller
- 3-Way Valves include 12VDC Aquative latching solenoid
- 2-Way Valves include 12VDC latching solenoid

PRODUCT ADVANTAGES
- Low cost automatic valve operation without additional wiring costs.
- Corrosion-proof components and water resistant controller.
- Aqua Pro Controller’s 9 Volt DC battery is the only power required to turn the valve on and off.
- Available on any Nylon, PVC, Iron or Bronze valve.
- Ideal for seasonal or annual crops requiring system portability.

AQUA PRO CONTROLLER
- One controller mounts on each valve and is individually programmed
- Valves can be programmed to operate in sequence
- Easy access with four button programming and a large LCD display
- Five operating modes provide program flexibility

PROGRAM MODES
- ONE SESSION AT SAME TIME EVERYDAY
- ONE SESSION, ONCE A DAY ON SELECTED DAYS
- UP TO THREE SESSIONS PER DAY ON SELECTED DAYS
- MANUAL OPERATION
- OFF
BATTERY OPERATED CONTROL VALVES

AQUATIVE SOLENOID FOR 3-WAY VALVES
- Actuator valve converts electric commands to hydraulic
- Very low energy consumption
- Large orifice allows operation with all types of water and large size valves
- Manual override - Close, Auto, Open functions
- Two main parts - water isolated actuator and 3-Way hydraulic control valve

SOLENOID FOR 3-WAY VALVES
- Voltage: 12VDC Latching
- Resistance: 4.2Ω
- Pulse Width: 80-500 msec.
- Capacity: 44700μF

SOLENOID FOR 2-WAY VALVES
- Voltage: 12VDC Latching
- Resistance: 4.2Ω
- Pulse Width: 25 msec.
- Capacity: 44700μF

VALVE WITH CONTROLLER ORDERING GUIDE
How to determine the correct Model Number:
- Select Function
- Select Valve Body Material and End Connection
- Select Valve Diameter
- Select the Controller Option

ORDERING EXAMPLE FOR 2-WAY ELECTRIC
1.5" Electric Nylon Series 80 2-Way Valve with Aqua Pro Controller
61, ET, 1.5, GH2, -L-CONT = 61ET1.5GH2-L-CONT

ORDERING EXAMPLE FOR 3-WAY ELECTRIC
3" Electric PVC Slip 3-Way Valve with Aqua Pro Controller
61, ELC, 3, PLS = 61ELC3PLS

SOLENOID AND CONTROLLER ORDERING INFORMATION
<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>MODEL NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>71680-018370</td>
<td>61SDD2-L</td>
<td>DC LATCHING 2-WAY 2-WIRE SOLENOID</td>
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<td>35500-002020</td>
<td>61AQ601C1</td>
<td>AQUATIVE 3-WAY LATCHING SOLENOID</td>
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<td>37000-002100</td>
<td>AP-CONTROLLER-P3</td>
<td>AQUA PRO CONTROLLER</td>
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