Aquavar Solo²
CONSTANT PRESSURE CONTROLLER

The SOLO² provides consistent water pressure with all the tried-and-true features of the SOLO plus innovative upgrades.

EASY SET UP
- Simple wiring and menu set-up

RETROFITABLE
- Turns virtually any conventional system into a premium constant pressure system

USER-FRIENDLY INFORMATION CENTER
- Fade-resistant LED display indicates system pressure, speed and current
- Error log - displays last four faults and can be reset

ADVANCED FEATURES
- Dual setpoint feature for advanced system application
- Programmable output relay can be configured to control an external device such as a pump, accessories or sending status signal to a monitoring device.
**Product Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Power</th>
<th>Output Phase</th>
<th>Speed (Hz)</th>
<th>Maximum Motor HP</th>
<th>Maximum Output (Amps)</th>
<th>Pressure Set Point Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1AS15</td>
<td>230V Single Phase</td>
<td>Single (2 or 3 wire)</td>
<td>30-60 Hz</td>
<td>2</td>
<td>12.2</td>
<td>20-250 PSI *</td>
</tr>
<tr>
<td>3AS20</td>
<td></td>
<td>Three</td>
<td>30-80 Hz</td>
<td>3</td>
<td>10.9</td>
<td></td>
</tr>
<tr>
<td>3AS30</td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>17.8</td>
<td></td>
</tr>
<tr>
<td>3AS50</td>
<td></td>
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</tbody>
</table>

* Increased range with optional transducer

**Additional Features**

- **NEMA 3R Enclosure**: Rainproof, outdoor/indoor rated enclosure
- **Adjustable Motor Overload**: Simple rotary switch to set current limit to match motor Service Factor Amps (SFA)
- **Dry Well Sensitivity Switch**: Choice of low or high sensitivity
- **Pressure Drop**: Choose a 5 or 20 PSI pressure drop for restarts
- **Low Pressure Cut-Off**: Set on or off depending on application
- **Controller acts as a pump protection and troubleshooting device. LED display clearly indicates fault codes and system parameter**
- **Pressure transducer and 10’ Pressure Sensor Cable Included. Optional lengths up to 200’ are available.**
- **Integrated output motor filter protects the motor from voltage spikes and limits electrical interference with devices such as portable telephones, radios, televisions, and garage door openers.**
- **Optional accessories include float switch, overpressure switch and moisture sensor relay.**

**Specifications**

**Controller Temperature Range:**
- Minimum Ambient Temperature: 14°F (-10°C)
- Maximum Ambient Temperature: 122°F (50°C)

**Input Voltage**: single-phase, 230 Volt, two (2) wire grounded system.

**Enclosure Dimensions:**
- Height: 18.6”
- Width: 9.9”
- Depth: 5.3”

**Packaged Dimensions:**
- Height: 21”
- Width: 13”
- Depth: 8”

**User Interface**

- Adjustable Motor Overload
- Motor Overload Table
- LED Display
- Status Light
- Dual Set-Point
- Output Relay
- Drive Settings
- Adjustment Buttons
- Controller acts as a pump protection and troubleshooting device. LED display clearly indicates fault codes and system parameter
- Pressure transducer and 10’ Pressure Sensor Cable Included. Optional lengths up to 200’ are available.
- Integrated output motor filter protects the motor from voltage spikes and limits electrical interference with devices such as portable telephones, radios, televisions, and garage door openers.
- Optional accessories include float switch, overpressure switch and moisture sensor relay.

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