

# AquaBlu®

## Commercial

### AquaBlu Soil Moisture Sensor & Regulator Specification

**Support:** Free technical support at 1-866-247-4546

**Warranty:** 1 Year Warranty

**Installation:** Self Installation instructions included

**Cost:** **\$259.00 + Tax & Shipping**

## Benefits:

- Integrates and works with any existing irrigation controller
- Adds "Smart" Sensor technology to any irrigation controller.
- Automatically regulates watering for better plant health
- Stops unnecessary irrigation, leading to typical water savings of between 30-60%
- Ideal for use with any type of landscape with automatic irrigation.
- Installs in minutes and is simple to use

## Contact/Purchase Information:

Telephone 1 (714) 966-1975

Fax 1 (714) 966-1944

email: [salesusa@aquaspy.com](mailto:salesusa@aquaspy.com)

Order by phone or online at [www.aquablu.net](http://www.aquablu.net)

2961 W MacArthur Blvd, Suite 132  
Santa Ana, CA 92704

[www.aquablu.net](http://www.aquablu.net) and [www.aquaspy.com](http://www.aquaspy.com)



**AquaSpy™**

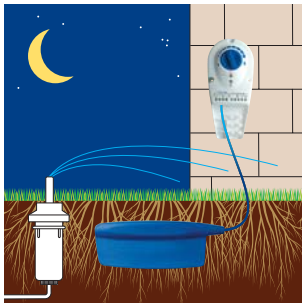
Intelligence in  
every drop



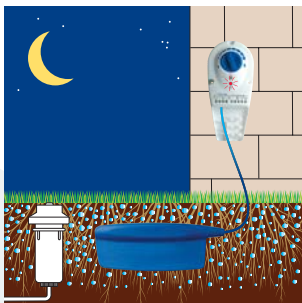
AquaBlu turns any automatic irrigation system into a 'water smart' system by regulating soil moisture where it matters most; at the plant's roots.

Working much like an air conditioning thermostat, AquaBlu can be set to keep the moisture content of the soil at optimal levels to ensure better plant health.

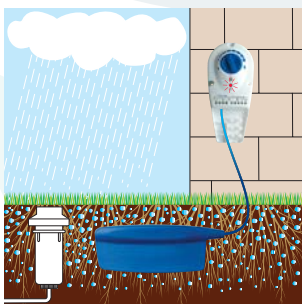
By alleviating over watering, AquaBlu can help save significant water volumes and eliminate environmental concerns like water logging or water runoff into water courses.



If the soil is dry AquaBlu allows the connected automatic irrigation controller to water as it normally would.



When watering increases the soil moisture content to the required level, the red LED turns on and AquaBlu stops the irrigation event. It won't start again until soil moisture drops below the preset level.



If rainfall raises the soil moisture content to the required level, the red LED turns on and AquaBlu stops any current or future irrigation until soil moisture drops below the preset level.

### How does AquaBlu work

AquaBlu has two components; the regulator and the revolutionary sensor.

The sensor uses advanced technology that provides an 'X-ray' like view of soil moisture. The flat blade style sensor is simply buried at root level in the area where irrigation is to be controlled. Its cable is buried and routed back to the regulator.

The regulator can be connected to any automatic controller and be configured to provide control of grouped or individual irrigation zones. Multiple AquaBlus can be used to control different irrigation zones if desired.

The sensor sends the regulator continuous updates on the moisture content of the soil. The regulator has a simple dial control that allows the preferred soil moisture level to be set. A bright red LED indicates when this preset level is reached. Once triggered AquaBlu prevents watering until the soil moisture drops below the preset level. This ensures plants use available soil moisture before irrigation recommences and alleviates over watering.

AquaBlu is simple to install and uses low voltage connections that don't need to be connected by an electrician. It can be powered directly from any 24VAC irrigation controller by using the 24-12VAC Line Regulator option or from 110/240 Volts AC via a conventional AC plug pack.

**For further information on water savings visit [www.aquablu.net](http://www.aquablu.net)**

### AquaBlu versus a Rain Switch

A rain switch stops watering when it rains and allows watering when it's dry, but it doesn't know how much rain has actually fallen. If there has been heavier than usual rainfall, watering could start days before it is actually needed and lead to over-watering, adversely affecting plant health.

Conversely, if a brief summer shower activates the rain switch, then plants could become stressed in the time before the next irrigation event. Also, a rain switch can't save water when it isn't raining, so in some areas it may have no effect for up to 300 days per year.

AquaBlu provides reliable 24/7 monitoring of plants' water needs where it counts most ... at root level. The user definable system not only factors in the true effect of rainfall but also the varying plant needs through seasons, growth cycles, weather patterns, soil types and less than optimum irrigation schedules. AquaBlu is the obvious choice for accurate and efficient watering.

### Applications

- Domestic landscape
- Commercial landscape
- Open space and sports field
- Agricultural and nursery farm
- Sump dewatering and sewerage pump control
- Geophysical watering and moisture level alarms/controls

#### AquaBlu Part Numbers

400120PP	Power Supply (12V)
400120LR	24V/12V Line Regulator