

# Water Feature Sensor Kit - WFS-AP-WLE14

## Function

Water Feature Sensor Kit detects wind and water levels which, in turn, provides total control over the water feature, automatically maintaining optimal water levels that protect fountain and pool equipment.

Adjustable wind sensitivity optimizes fountain performance. Works with float or electrode water level sensors. Integrates with a 24V DC solenoid fill valve to replenish water levels. A single kit consists of a 2-in-1 controller, a water level sensor, and an anemometer.



## Specifications

### Supply Voltage :

110 - 230V AC ( 50 - 60 Hz )

### Enclosure Material :

Polycarbonate

### Protection Rating :

IP 65

### \* Wind Level Sensor

Wind speed Range: 0 to 49 m/s

System Units: m/s, Kmph, Mph

Configurable Outputs: 4

### \* Anemometer

Sensing Type : Reed Switch

Output : 1 pulse per rotation

Cable length : 30 meters

Connection type : 1" BSP Male thread

Material : Plastic ( UV Resistant )

Protection Rating : IP 68

### \* Water Level Sensor

Quick fill ( solenoid ) Output Voltage: 24V DC

Safe off signal Output: Volt free contact

High alarm signal Output: Volt free contact

Electrodes Material : SS316 with Plastic clamps

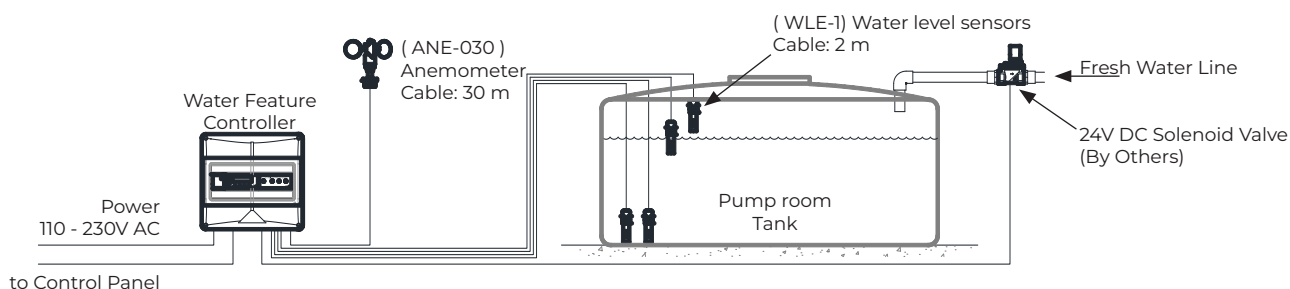
Electrical Connection : Volt Free Contact


Protection Rating : IP68

Model No.	Description	Wind Level Sensing	Water Level Sensing	Measurements
WFS-AP-WLE14	2 in 1 Water feature controller with Anemometer and Pump room tank water level sensor electrode [ Controller + Anemometer + WLE-1 ( 4 nos.) ]	0 to 49 m/s	3 levels	Controller : 315 X 300 mm X 115 mm Anemometer : 148 mm X 165 mm X 1" BSP WLE-1 : Ø24 mm X 96 mm

\* Change AP into AM to order metal type Anemometer. i.e. WFS-AM-WLE14

## Typical Installation



Water Feature Sensor Kit	WFS - Series	Model No. WFS-AP-WLE14	Rev. 0	
The information contained in this drawing is the sole property of Aquashi. Any reproduction in part or as a whole without the written permission of Aquashi is prohibited. Aquashi reserves the right to update all designs, specifications and data sheets without prior notice.				

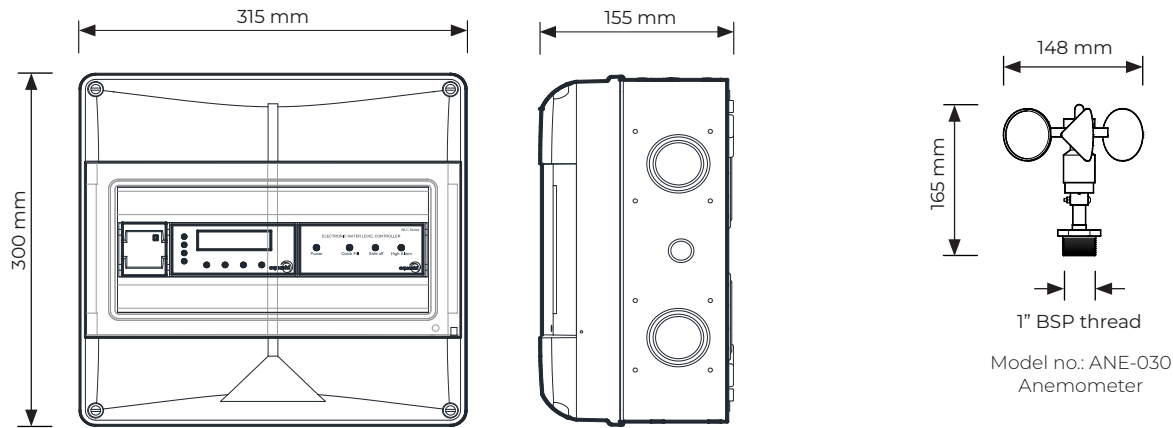
# Water Feature Sensor Kit - WFS-AP-WLE14

**Note:**

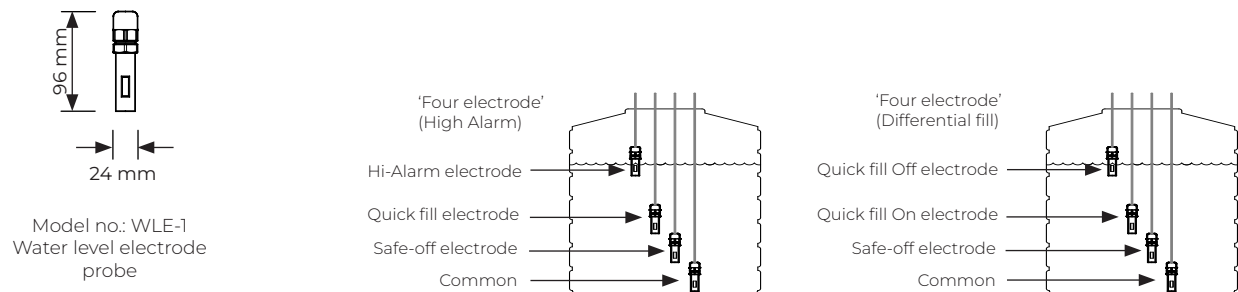
- Safe-off operation shuts off all in-pool electrical functions during low level conditions.
- Quick fill operation triggers fresh water supply valve to replenish the water loss in the pool.
- Hi-Alarm operation shuts down all in-pool electrical functions until high water level is resolved.

\*\* Check installation manual for a more detailed explanation.

## Measurements



Water Feature Controller  
for Wind level and Water level detection



## Accessories / Spare Parts (Sold Separately)




**Solenoid Fill Valve - Brass**

- \* SVB-100DC (1" connection)
- \* SVB-150DC (1-1/2" connection)
- \* SVB-200DC (2" connection)



**Anemometer**

- \* ANE-030 (Plastic - UV Resistant)
- \* ANE-030M (Metal material) - optional

Water Feature Sensor Kit	WFS - Series	Model No. WFS-AP-WLE14	Rev. 0	
The information contained in this drawing is the sole property of Aquashi. Any reproduction in part or as a whole without the written permission of Aquashi is prohibited. Aquashi reserves the right to update all designs, specifications and data sheets without prior notice.				