

Water Feature Sensor Kit - WFS-AP-WLSC103

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

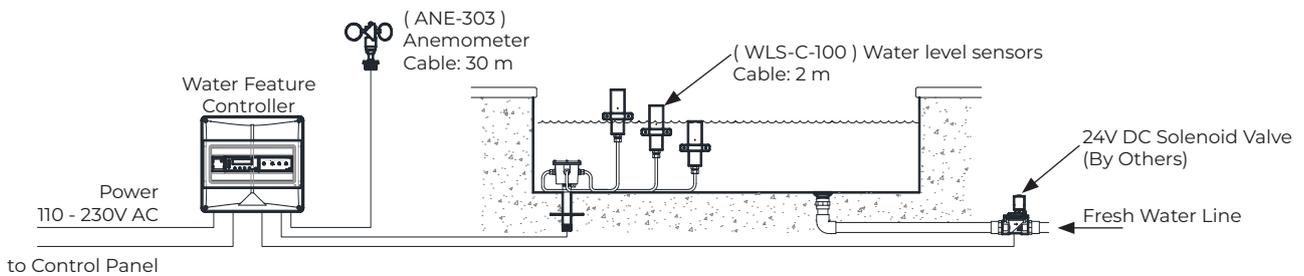
*** Anemometer**
Sensing Type : Reed Switch
Output : 1 pulse per rotation
Cable length : 30 meters
Connection type : 1" BSP Male thread
Material : Plastic (UV Resistant)
Protection Rating : IP 68

*** Water Level Sensor**
Quick fill (solenoid) Output Voltage: 24V DC
Safe off signal Output: Volt free contact
High alarm signal Output: Volt free contact
Float Sensor Material : Plastic
Electrical Connection : Volt Free Contact
Protection Rating : IP68

Model No.	Description	Wind Level Sensing	Water Level Sensing	Measurements
WFS-AP-WLSC103	2 in 1 Water feature controller with Anemometer and Floor mounted water level float sensor (Fixed type) [Controller + Anemometer + WLS-C-100 (3 nos.)]	0 to 49 m/s	3 levels	Controller : 315 mm X 300 mm X 115 mm Anemometer : 148 mm X 165 mm X 1" BSP WLS-C-100 : Ø42 mm X 145 mm

* Change AP into AM to order metal type Anemometer. i.e. WFS-AM-WLSC103

Typical Installation



Water Feature Sensor Kit	WFS - Series	Model No. WFS-AP-WLSC103	Rev. 0	
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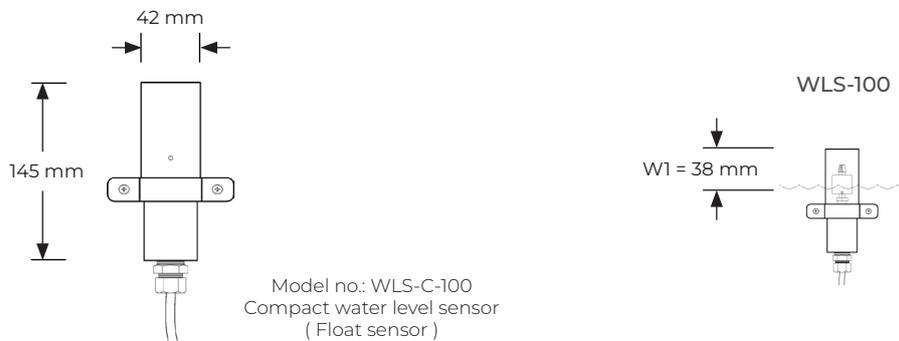
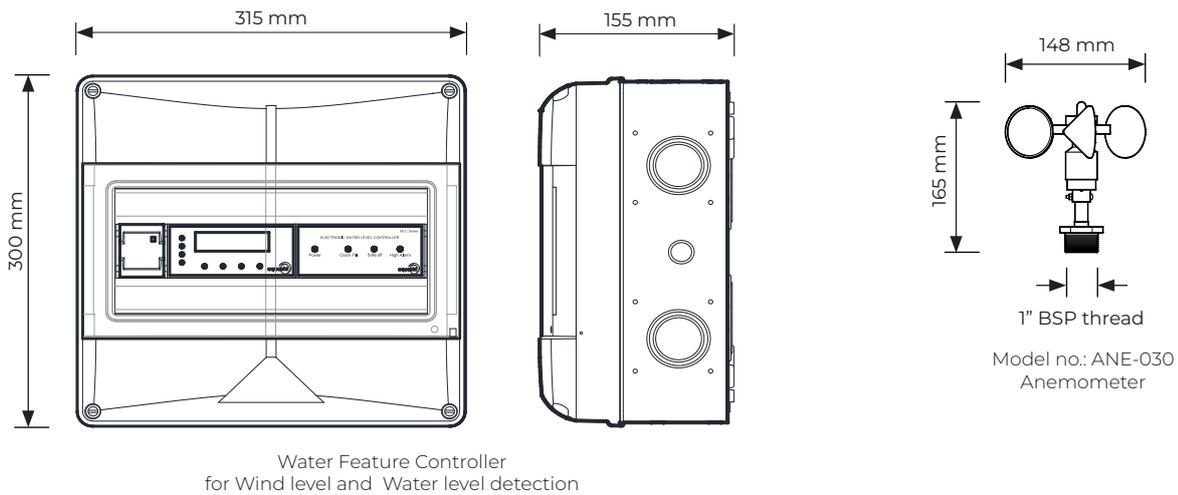
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Note:

- 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



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

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