

Water Level Controller - WLC Series

Function

The water level controller is used in conjunction with solenoid fill valves and water level sensors to monitor water levels in a fountain or pool. It can monitor up to three water level operations depending on model selected. Operates on 230 V AC (110V AC model available on request). Compatible with WLS & FLS series water level sensors.



Specifications

Supply Voltage

230V AC

(110V AC available on request)

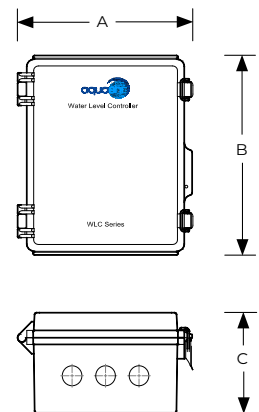
Output Voltage

Quick fill Output Voltage: 24V AC

Safe off signal Output: Volt free contact

Protection Rating

IP 65



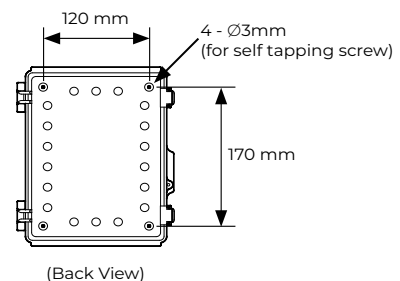
Model No.	No. of Sensors	Sensor Controls	Sensing Application	A (mm)	B (mm)	C (mm)
WLC-100Q	1	Quick fill	Quick fill	175	215	100
WLC-100S	1	Safe-off	Safe-off	175	215	100
WLC-200	2	Quick fill + Safe-off	Quick fill & Safe-off	175	215	100
WLC-300H	3	Hi-Alarm + Quick fill + Safe-off	Hi-Alarm	250	300	160
WLC-300W	3	Quick fill + Running sensor + Safe-off	Water fill	250	300	160
WLC-300-D	3	Quick fill Off + Quick fill On + Safe-off	Differential fill	250	300	160


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 shut down all in-pool electrical functions until high water level is resolved.
- Running sensor maintains water level on the fountain reservoir all throughout the operation.

** check installation manual for a more detailed explanation.

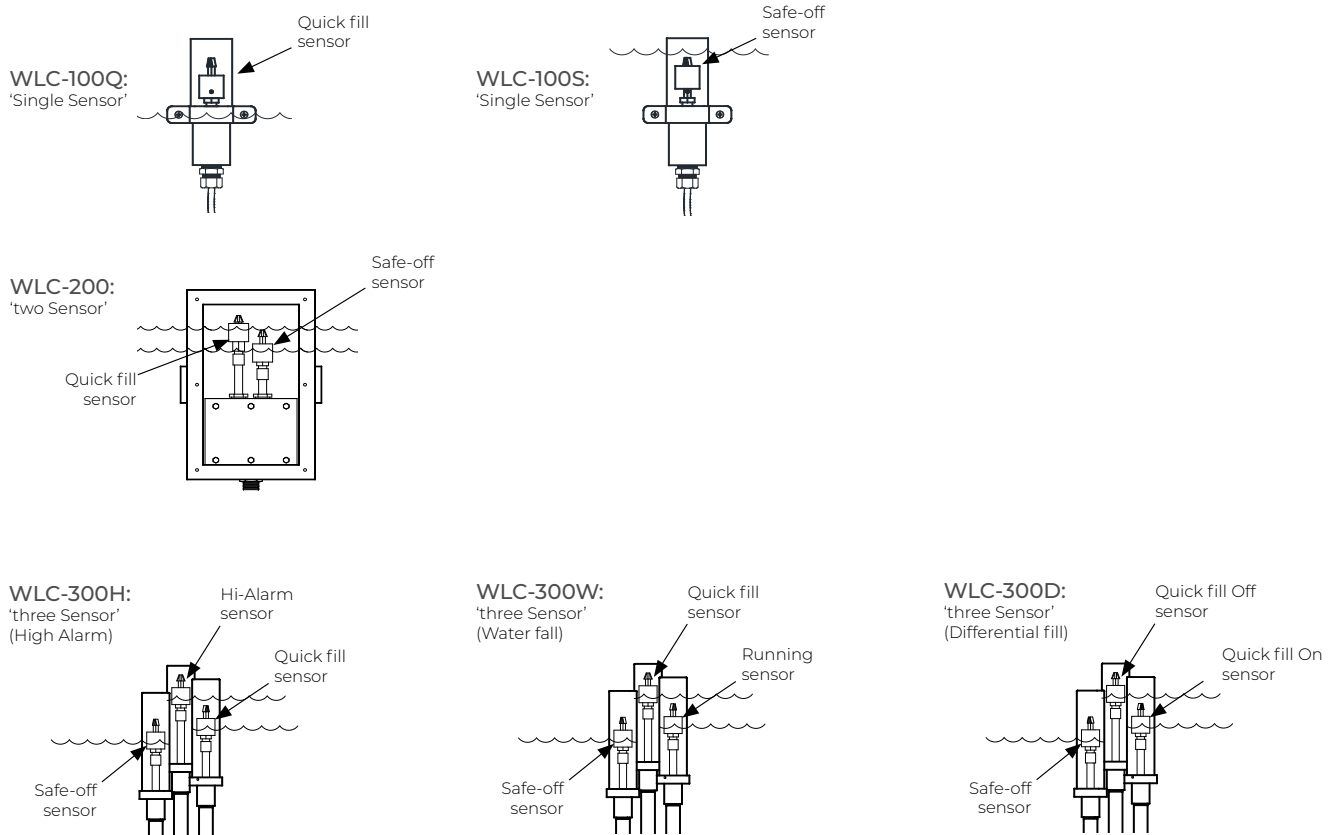
Mounting hole measurement



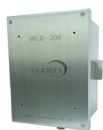
Water Level Controller	WLC Series	Model No. WLC	Rev. 0	
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WLC sample sensor usage:



Accessories (Sold Separately)



Water Level Sensor

- * WLS-100 (single sensor)
- * WLS-200 (two sensor)



Solenoid Fill Valve - Brass

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



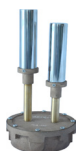
Water Level Sensor - Compact

- * WLS-C-100 (single sensor)



Solenoid Fill Valve - Plastic

- * SVP-100 (1" connection)
- * SVP-150 (1-1/2" connection)
- * SVP-200 (2" connection)



Floor Water Level Sensor

- * FLS-F-100 (fix type, single sensor)
- * FLS-F-200 (fix type, two sensor)
- * FLS-F-300 (fix type, three sensor)
- * FLS-M-100 (move type, single sensor)
- * FLS-M-200 (move type, two sensor)
- * FLS-M-300 (move type, three sensor)

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