# Wind Level Controller with Anemometer - WCA-100
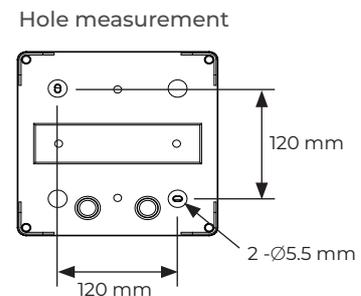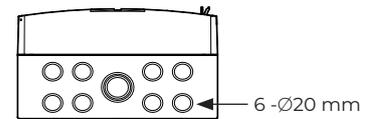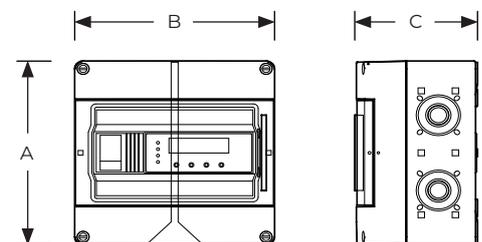
## Function

The WCA-100 accurately measures wind speeds ranging from 0 to 49 m/s. The wind controller will adjust the fountain controls with up to 4 customisable outputs in high/ low wind conditions to enable a continuous and smooth running of the fountain. The wind sensitivity can be adjusted according to fountain design and specification using the digital wind controller set points. These can be set to high and low wind level set points in which the system can be shut down or controlled as per requirement.

The WCA includes a separate anemometer and a wind level controller housed in a weatherproof enclosure together with a power supply unit.

## Specifications

**Enclosure Material**
Polycarbonate

**Voltage**
100 - 240V AC, 50Hz - 60 Hz

**Measuring Range**
0 to 49 m/s

**System Units**
m/s, Kmph, Mph

**Configurable Outputs**
4

**Anemometer Sensor Type**
Reed Switch

**Anemometer Output**
1 pulse per rotation

**Anemometer Speed Range**
2 to 55 m/s

**Anemometer Cable length**
30 meters

**Anemometer Connection type**
1" BSP Male thread

**Anemometer Material**
Plastic (UV Resistant)

6 -Ø20 mm

Hole measurement

120 mm

120 mm

2 -Ø5.5 mm

| Model No. | Description | A (mm) | B (mm) | C (mm) |
|-----------|-------------|--------|--------|--------|
| WCA-100 | Wind level controller with Anemometer | 198 | 198 | 120 |

## Accessories (Spare Parts)

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

| Wind Level Controller | WCA Series | Model No. WCA | Rev. 2 |
|---|---|---|---|

**aquashi**