All Container Parts

Item (# of parts) (Grainger Part Number)

* PVC Female Adaptor (1) (1WJY4)
* Epoxy
* 3” Round Atrium Grate (1) (Home Depot)
* ABS Male Adaptor (1) (1WJD3)
* 1.5” by 1.5” steel plate (1) (We have steel)
* 14” long 2” diameter PVC Pipe (1) (788VR8 for 10ft white, 1AAZ8 for 8ft clear)
* ½” long ¼” diameter nut and bolt (2) (we have)
* 2” diameter O-ring (2) (2KAE2 is a 25 pack)
* Battery and PCB board tray 3D print (1)
* Steel plate holder 3D print (1)
* Buoy 3D Print (1)
* Spray Foam door and window
* PVC Glue (We have)

All Electronics

* Analog to digital converting PCB board (3)
* Custom PCB board (1)
* Arduino Mini (1)
* ¼” long screws (8)
* ½”Screw connectors (4)
* White rectangular 3 prong snap-in female wire connector (3)
* Black rectangular 3 prong female wire connector (3)
* pH sensor (1) (16Y953)
* Thermometer (1)
* Water particle sensor (electric) (1)
* [Water particle sensor (light) (1)](https://www.newark.com/amphenol-advanced-sensors/tsd-10/turbidity-sensor-5vdc-phototransistor/dp/18X9859?gad_source=1&gclid=CjwKCAjwp4m0BhBAEiwAsdc4aN-BGrIEiqlprgYqlL0_sncE6fnm5LnBV7IjGdkQGgUt00mzdWXIHRoCAdQQAvD_BwE&mckv=_dc%7Cpcrid%7C%7Cplid%7C%7Ckword%7C%7Cmatch%7C%7Cslid%7C%7Cproduct%7C18X9859%7Cpgrid%7C%7Cptaid%7C%7C&CMP=KNC-GUSA-GEN-PMAX-Shopping-New)
* GPS Module (1)