**Solenoid valve:**

* Link: <http://nl.aliexpress.com/item/J34-Free-Shipping-New-12V-Electric-Solenoid-Valve-Magnetic-DC-N-C-Water-Air-Inlet-Flow/32443327042.html?spm=2114.48010208.4.22.KS6alB>
* Specs: 12V, N/C, ½” (1.27cm)
* Prijs: US $3.66 -> 3.31 euro
* Opm:

**Pump:**

* Link: [http://nl.aliexpress.com/item/Free-Shipping-Ultra-quiet-DC-12V-3M-240L-H-Brushless-Submersible-Water-Pump-High-Qualtiy-mini/32472119699.html?spm=2114.010208.3.46.zVxjNw&ws\_ab\_test=searchweb201556\_8,searchweb201602\_3\_10017\_405\_404\_301\_407\_406\_10040,searchweb201603\_7&btsid=af5bc999-50a1-424c-9592-4f9829c9942a](http://nl.aliexpress.com/item/Free-Shipping-Ultra-quiet-DC-12V-3M-240L-H-Brushless-Submersible-Water-Pump-High-Qualtiy-mini/32472119699.html?spm=2114.010208.3.46.zVxjNw&ws_ab_test=searchweb201556_8,searchweb201602_3_10017_405_404_301_407_406_10040,searchwe)
* Specs: 12V (240L/H)
* Prijs: US $3.52 -> 3.19 euro
* Opm: submersible (better not submersible?)

- Link:

<http://eud.dx.com/product/neje-r385-dc-12v-pneumatic-diaphragm-water-pump-motor-silver-white-844354692>

* Specs: 12V, 1.5-2L/min
* Prijs: 7.53 euro (10.95 hackerstore.be)
* Opm: external

**Heating element:**

* Link: [http://nl.aliexpress.com/item/Free-Shipping-2pcs-PTC-heating-element-constant-temperature-AC-DC-12v-110v-220V-80-28-5mm/32658420102.html?spm=2114.010208.3.235.Epqano&ws\_ab\_test=searchweb201556\_8,searchweb201602\_3\_10017\_405\_404\_301\_407\_406\_10040,searchweb201603\_7&btsid=d9e75395-079b-400b-b21a-bddeff1c0330](http://nl.aliexpress.com/item/Free-Shipping-2pcs-PTC-heating-element-constant-temperature-AC-DC-12v-110v-220V-80-28-5mm/32658420102.html?spm=2114.010208.3.235.Epqano&ws_ab_test=searchweb201556_8,searchweb201602_3_10017_405_404_301_407_406_10040,searchweb20)
* Specs: 12V AC/DC, 120W
* Prijs: US $12.30 -> 11.13 euro
* Opm: waterproof?

**16 channel relais:**

* Link: [http://nl.aliexpress.com/item/1pcs-12V-16-Channel-Relay-Module-for-arduino-ARM-PIC-AVR-DSP-Electronic-Relay-Plate-Belt/32589022833.html?spm=2114.010208.3.10.BWe0bU&ws\_ab\_test=searchweb201556\_8,searchweb201602\_3\_10017\_405\_404\_301\_407\_406\_10040,searchweb201603\_7&btsid=e3c09af3-f217-4375-aae0-2b100f32ed89](http://nl.aliexpress.com/item/1pcs-12V-16-Channel-Relay-Module-for-arduino-ARM-PIC-AVR-DSP-Electronic-Relay-Plate-Belt/32589022833.html?spm=2114.010208.3.10.BWe0bU&ws_ab_test=searchweb201556_8,searchweb201602_3_10017_405_404_301_407_406_10040,searchweb2016)
* Specs: 12V , 16 channels
* Prijs: US $11.45 -> 10.36 euro
* Opm:

**12V power supply:**

* Link <http://eud.dx.com/product/12v-10a-led-switching-power-supply-silver-844373923>

OR <http://eud.dx.com/product/pwm-led-ac-dc-120w-12v-10a-stable-power-converter-switching-power-supply-silver-844378816>

* Specs: 12V , 10A
* Prijs: 17.34 euro OR 14.01 euro
* Opm:

6x solenoid valve = €19.86

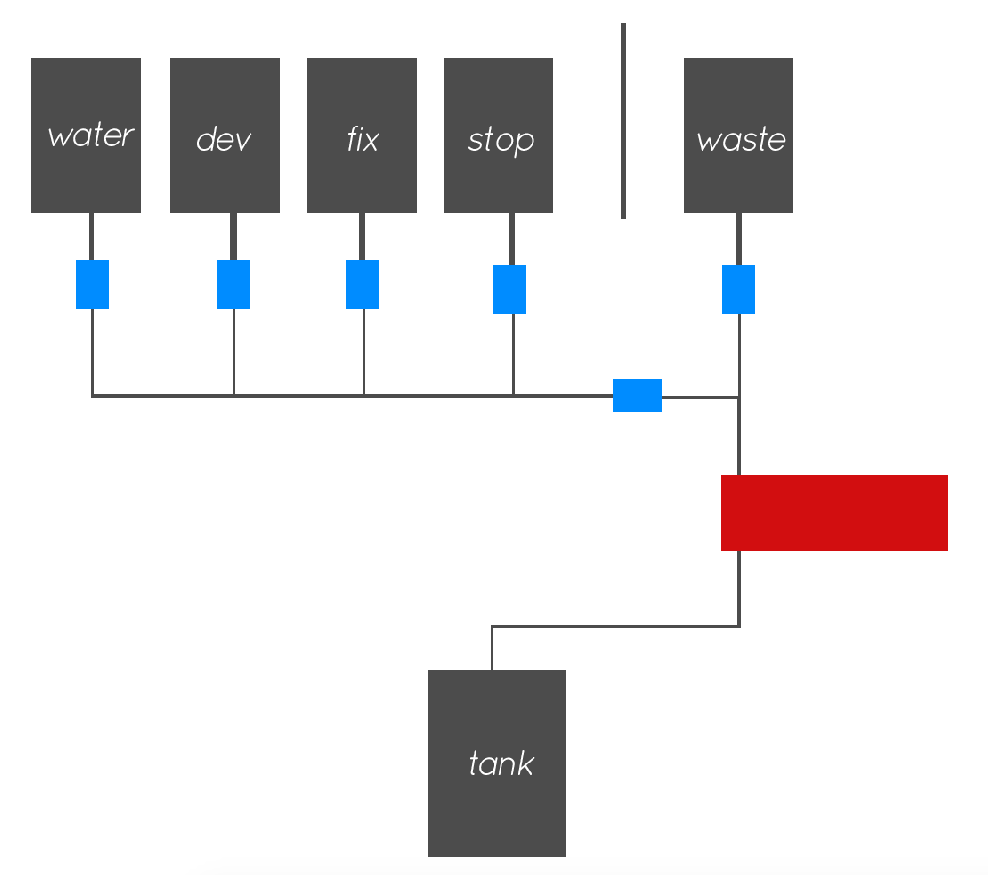
2x pump = €15.06

1x heating element = €11.13

1x 16 channel relais = €10.36

1x 12V power supp = €17.34

Total = €73.75

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