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# Flow controller parts list

Created by Monroe Weber-Shirk, last modified on Nov 09, 2008

## Flow controller parts

Please note that the bulkhead fittings specified here leak in this application. We are currently exploring other alternatives that are chlorine resistant.

| Description   | Supplier  | Catalog Number | Cost        |
|---|---|----------------|-------------|
| 1 L polypropylene bottle  | McMaster-Carr   | 2801T55        | \$5.43      |
| PVC Mini Adjustable Float Valve                                   | United States Plastic Corporation® / <a href="#">Kerick Valve</a> | MA2P2          | \$7.57      |
| Polypropylene Float   | McMaster  | 9775K35        | \$3.01      |
| Polypropylene Through-Wall Bulkhead Coupling (1/4")               | <a href="#">FreshWaterSystems.com</a>                             | PP1208W        | \$2.31      |
| Polypropylene Female Adaptor NPTF (3/8" x 1/4" NPTF)              | <a href="#">FreshWaterSystems.com</a>                             | PP451222W      | \$2.81      |
| Standard Viton O-ring, AS568A Dash Number 115 (11/6" ID, 7/8" OD) | McMaster  | 9464K28        | \$0.15      |
| Dose setting 1 mm Graduations, Vertical Down                      | McMaster (from Oregon Rule)                                       | CR-W0.30VD-TC  | \$2.25      |
| Flow measuring 1 mm Graduations, Vertical Up                      | McMaster (from Oregon Rule)                                       | CR-W0.30VU-TC  | \$2.25      |
|   |   | <b>Total</b>   | <b>\$23</b> |

## Tubing for use with the flow controller

| Description                           | Supplier | Catalog Number | Cost      |
|---------------------------------------|----------|----------------|-----------|
| 1/8"ID UV-Resistant Black PVC Tubing  | McMaster | 5231K81        | \$0.17/ft |
| 3/16"ID UV-Resistant Black PVC Tubing | McMaster | 5231K35        | \$0.12/ft |

## Supplies for connecting the flow controller to stock tanks

| Description                            | Supplier                              | Catalog Number | Cost   |
|--|---------------------------------------|----------------|--------|
| 3/8" Polypro Through-Wall Coupling     | <a href="#">FreshWaterSystems.com</a> | PP1212W        | \$3.01 |
| Silicone O-Ring AS568A Dash Number 211 | McMaster                              | 9396K32        | \$0.15 |
| 3/8" Polypro Shut-Off Valve            | <a href="#">FreshWaterSystems.com</a> | PPSV041212W    | \$3.69 |

| Description                          | Supplier              | Catalog Number | Cost      |
|--------------------------------------|-----------------------|----------------|-----------|
| 1/4"ID UV-Resistant Black PVC Tubing | McMaster              | 5231K83        | \$0.22/ft |
| Two Way Divider Polypro - 3/8        | FreshWaterSystems.com | PP2312W        | \$2.25    |

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