## The Urban Farmer Store

### Pond Filter and Pump Specifying Guide

#### Above Waterline Filters
(Filters Pump Output)

**Use for Medium-Heavy Bioload**
- Nuclear—1000 GPH Max with bioballs
- Green Machine—1500 GPH Max

**Recommended pumps:**
- Sump type 1000+ GPH without prefiltration
  (Cal Pump, Nursery Pro, Cyprio)

**Accessories**
- Pump Sock loaded with bioballs
- UV upgrade kit (required to control algae)

#### Pond Bottom Filter
(Filters Pump Intake)

**Use as only filtration for ponds with no-medium bioload**
- Supreme 1000 –1000 GPH Max with bioballs
- Supreme 2000– 1800 GPH Max

**Recommended pumps:**
- Supreme 700-1800 GPH
- Cal Pumps with 700-2000 GPH

**Accessories:**
- Venturi Tee, Decorative Fountain nozzle

#### Water Level Filter
(Filters Pump Output)

**Use for Medium-Heavy Bioload**
- Bioforce—1000 GPH Max
- Bioforce—2000 GPH Max

**Recommended Pumps:**
- Same as for Above Waterline Filters

**Accessories**
- Pump Sock loaded with bioballs
- UV upgrade kits (for algae control)
- Supreme Submersible UVC

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### Bioload

<table>
<thead>
<tr>
<th>Circulation Requirements</th>
<th>50% Pond Volume every hour</th>
<th>100% Pond Volume every hour</th>
<th>150% Pond Volume every hour</th>
<th>200% Pond Volume every hour through UV equipped filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Bioload:</td>
<td></td>
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<tr>
<td>(i.e. Fountain Reservoir)</td>
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<tr>
<td>no fish or plants</td>
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<tr>
<td>Low Bioload:</td>
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<tr>
<td>a few goldfish no plants</td>
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<tr>
<td>Medium Bioload:</td>
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<tr>
<td>a few goldfish or koi</td>
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<tr>
<td>and a few plants</td>
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<tr>
<td>Heavy Bioload:</td>
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<tr>
<td>Koi and plants</td>
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<tr>
<td>Heavy Bioload:</td>
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<tr>
<td>Fish, plants, algae</td>
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</tbody>
</table>

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### 500-1500 Gallon Pond

(see table above for load and circulation guide)

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**NEW!**

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**NEW!**