IMPORTANT INFORMATION:
Please read these instructions thoroughly before use. Failure to follow instructions may result in equipment damage or failure, losses, injury or death.

⚠️ DANGER: ⚠️
To avoid possible electric shock:
- If the power cord has been damaged, DO NOT operate, AllClear™ UV unit should be replaced.
- Prior to installation, inspect the quartz sleeve and UV-C bulb to ensure there was no damage during transportation.
- After installation, the AllClear™ Filter should be examined to ensure there is no water on parts not intended to be wet.
- If the AllClear™ Filter shows signs of any water leakage, immediately unplug it from the power source.
- If the AllClear™ Filter falls into the water, DO NOT reach for it. First unplug and then retrieve it.
- Close supervision is necessary when the unit is used by or near children.

⚠️ WARNING: ⚠️
To reduce the risk of electric shock:
- Connect only to a properly grounded receptacle, which is serviced by a Ground Fault Circuit Interrupter and never remove the ground pin from the plug.
- Provide a "drip loop" for the power cord. This is a loop in the cord below the level of the receptacle or plug that prevents water from traveling along the cord in the direction of the receptacle.
- ALWAYS unplug the AllClear™ Filter from power source when it is not in use, and before installing, removing or servicing the AllClear™ Filter components.
- If an extension cord is necessary, a cord with a proper rating should be used. A cord may overheat if the cord is rated for less amperes or watts than the unit rating.
- DO NOT immerse the AllClear™ Filter or plug in water or attempt to use a wet plug.
- The AllClear™ Filter is NOT suitable for use in swimming pools, swimming ponds, or other situations where bodily contact is made with the water. Although the AllClear™ Filter is designed for outdoor use, it should never be submerged in water.

Avoid contact with the UV-C light. Light omitted can be harmful to the eyes and skin.

⚠️ CAUTION: ⚠️
To reduce the risk of equipment damage or failure:
- DO NOT place the AllClear™ Filter in direct sunshine.
- DO NOT place the AllClear™ Filter near flammable or other dangerous materials or objects.
- ALWAYS unplug the unit if there is no water running through it to prevent over heating.
- The AllClear™ Filter is NOT submersible; do not place the AllClear™ Filter where it might contact or fall into the water.
- DO NOT operate during freezing conditions. Drain, disconnect and store the AllClear™ Filter in a protected location.
- DO NOT operate the AllClear™ Filter with a pump larger than the maximum flow rate indicated by the filter specifications. Operating with a pump larger than recommended can reduce the filters effectiveness and cause damage to the filter or UV and will NOT be covered under warranty.

IMPORTANT:
The Pond Guy® is not responsible for equipment damage or failure, losses, injury or death resulting from failure to follow safety precautions, misuse or abuse of equipment.

### TECHNICAL SPECS:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>POWER</th>
<th>UV</th>
<th>MAX FLOW RATE</th>
<th>MAX POND SIZE (GALLONS)</th>
<th>PLUMBING SIZE (STEP DOWN BARB FITTING)</th>
<th>POWER CORD LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>AllClear™ 1200</td>
<td>120V / 60 Hz</td>
<td>7 Watts</td>
<td>600 GPH</td>
<td>1,200</td>
<td>1&quot;</td>
<td>16'</td>
</tr>
<tr>
<td>AllClear™ 2400</td>
<td>120V / 60 Hz</td>
<td>9 Watts</td>
<td>1,600 GPH</td>
<td>2,400</td>
<td>1&quot;, 1¼&quot;, 1½&quot;</td>
<td></td>
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</tbody>
</table>

*  Note: On 1200 filter, four canister buckles are used for securing instead of one canister clamp. Also, 1200 filter includes 2 filter pads instead of 3.
INSTALLING YOUR ALLCLEAR™ FILTER:

For Best Results
- Run the AllClear™ Filter 24 hours a day.
- DO NOT operate the AllClear™ Filter with a pump larger than the maximum flow rate indicated by the filter specifications. Operating with a pump larger than recommended can reduce the filters effectiveness and cause damage to the filter or UV and will NOT be covered under warranty.
- DO NOT operate during freezing conditions. Disconnect, drain and store the AllClear™ Filter in a protected area.

Step 1
Determine the Location
The AllClear™ Filter is pressurized and may be installed in any location outside of the pond on a solid surface. Avoid locations that are prone to water puddles or areas where the filter could fall into the pond. Filters may be left above ground but it is recommended to partially bury the filter in the ground, leaving only the clamp and filter canister top exposed.

Step 2
Measure
MEASURE across the top of the filter and add an inch on each side. This will be the diameter you will need to dig the hole.

Then tip the filter on its side and measure the length staying 2” below the filter clamp. This will be the installation depth.

Step 3
Dig the Hole
DIG the hole to the measured specifications. Insert the filter and turn so the inlet and outlet are positioned for the easiest connection to your plumbing. Once in place, backfill with dirt.

Step 4
Attach the Fittings
ATTACH the step down fittings to the inlet and outlet of the AllClear™ Filter with the compression ring. Note: The o-rings should be between the filter housing and the step down fitting to create a watertight seal when secure.

Step 5
Cut the Fittings
CUT step down fittings down to the largest connection that will work with your plumbing. Step down fittings offer options for use with 1”, 1-1/4” and 1-1/2” plumbing. Note: AllClear™ Filter 1200 connects only to 1” plumbing so this step is not necessary.

Step 6
Connect the Plumbing
CONNECT the plumbing and secure with a hose clamp. Arrows on the filter inlet and outlet indicate the direction of water flow. Plumbing from the pump should be connected to the inlet with the arrow pointing in towards the filter and the discharge plumbing connected to the outlet with the arrow pointing out away from the filter.

Step 7
Plug in Pump
PLUG in your pump, then plug the UV power cord into a standard 120-volt GFCI protected outlet. You will see a glow in the viewing window on top of the filter while the unit is functioning.

Optional
TrueRock™ Medium Boulder Cover
To camouflage and protect the AllClear™ Filter from the outside elements use a TrueRock™ Medium Boulder Cover(#510332).

Watch a video of the AllClear™ Filter installation online @ www.thepondguy.com/allclear
MAINTAINING YOUR ALLCLEAR™ FILTER:

⚠️ WARNING: ⚠️
Before performing any maintenance, always unplug the AllClear™ Filter from the power source.

Watch a video of the AllClear™ Filter maintenance online @ www.thepondguy.com/allclear

CLEANING THE FILTER MEDIA:

The amount of fish and waste in your pond will determine how frequently you will need to clean your filter. In general, you will need to clean your filter when the pressure indicator on the top of the filter displays red or when water flow is reduced. Replace filter media pads yearly or when pads show signs of wear and tear. See REPLACEMENT PARTS for replacement filter media pads.

Step 1
Disconnect Plumbing
DISCONNECT plumbing by unscrewing the step down fittings from the AllClear™ Filter.

Step 2
Remove Top
REMOVE the filter canister clamp (on model 1200 unlatch the four buckles). Gently pull off the filter canister top and set aside. Remove filter pads.

Step 3
Restore Power
RINSE media pads with a bucket of pond water. Do not rinse BioBalls media, except for winter storage, unless BioBalls media are plugged with debris. DO NOT use chlorinated tap water as this will strip natural bacteria from your filter.

Step 4
Unplug & Turn to Filter
REASSEMBLE media pads back into filter in order; high-density (Blue) on the bottom, medium density (Yellow-2400 model only) in the middle and low density (Black) on the top. Seat the filter canister O-ring properly in place before replacing the filter canister top and securing with canister clamp.
MAINTAINING YOUR ALLCLEAR™ FILTER: Continued...

⚠️ WARNING: ⚠️
Before performing any maintenance, always unplug the AllClear™ Filter from the power source.

REPLACING THE UV-C BULB:
Over time the effectiveness of the UV-C bulb will degrade. We recommend replacing the UV-C bulb once a year, even if the bulb operates, to maintain maximum results. See REPLACEMENT PARTS for replacement bulbs.

Step 1
Remove Access Hatch
REMOVE the screws securing the access hatch. Then gently lift to separate.

Step 2
Remove Bracket
REMOVE the screws securing the power cord retaining bracket.

Step 3
Unscrew UV Transformer
UNSCREW UV Transformer and gently pull out the UV transformer and bulb.

Step 4
Replace the Bulb
PULL gently on the base of the UV-C bulb to remove. Insert new bulb and reassemble unit. DO NOT touch the bulb with bare hands.

CLEANING THE QUARTZ SLEEVE (Glass Tube):
The quartz sleeve should be cleaned yearly or when water clarity is reduced. Replace the quartz sleeve if it is scratched, damaged, or cracked. See REPLACEMENT PARTS for replacement Filter Top with Quartz Sleeve.

Step 1
Disconnect Plumbing
DISCONNECT plumbing by unscrewing the step down fittings from the AllClear™ Filter.

Step 2
Remove Clamp
REMOVE the filter canister clamp (on model 1200 unlatch the four buckles).

Step 3
Remove UV Housing
LIFT the filter canister top. Twist gently and pull to remove the UV housing and expose the quartz sleeve.

Step 4
Clean Quartz Sleeve
CLEAN quartz sleeve with a soft cloth or sponge and reassemble unit.

Watch a video of the AllClear™ Filter maintenance online @ www.thepondguy.com/allclear
Replacement Parts
ALLCLEAR™ FILTER:

**TROUBLESHOOTING:**

*Note: For your safety, the AllClear™ Filter UV will not operate unless the UV transformer is securely connected to the filter.

If water is not clear, check the following:
- Check the viewing window to ensure the UV-C bulb is lit.
- Replace UV-C bulb if it has not been replaced in the past year, even if it is lit.
- Check that the quartz sleeve is clean.
- Verify that the proper amount of water is flowing through the filter. See recommendation for proper water flow on page 3.
- Verify that filter media is not plugged with debris or needs cleaning.

Loss of water flow, check the following:
- Verify pump is not plugged with debris.
- Verify filter media is not plugged with debris.
- Verify filter is not leaking causing a loss of pressure.

Filter is leaking, check the following:
- Verify that the proper amount of water is flowing through the filter. See recommendation for proper water flow on page 3.
- Verify O-rings are seated correctly or replace if warn.
- Verify filter canister has not been damaged.

**PRODUCT WARRANTY:**

AllClear™ Pressurized Filters carry a 5-year warranty. The Pond Guy® will repair or replace any units found to be defective. This limited warranty is extended exclusively to the original purchaser and begins from the date of original purchase receipt. The UV-C bulb, filter media and o-rings are wearable items and are not covered by this warranty. Abuse or misuse of this product or power cord alterations void all warranty. Please call for a Return Authorization Number prior to returning product by calling our Customer Care Department at 866-766-3435. Failure to request an RMA number may result in delay or dismissal of your warranty claim.

**PROTECT YOUR FILTER:**

Optional - TrueRock™ Medium Boulder Cover

To camouflage and protect the AllClear™ PLUS Filter from the outside elements use a TrueRock™ Medium Boulder Cover (#510332).

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**REPLACEMENT PARTS:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PRESSURE INDICATOR O-RING</th>
<th>FILTER TOP W/QUARTZ SLEEVE</th>
<th>FITTING KIT</th>
<th>UV TRANSFORMER W/UV-C BULB</th>
<th>O-RING FOR UV TRANSFORMER</th>
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<tr>
<td>AllClear™ 1200</td>
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<td>#120897</td>
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<table>
<thead>
<tr>
<th>MODEL</th>
<th>REPLACEMENT UV BULB</th>
<th>FILTER PAD SET</th>
<th>FILTER CLAMP</th>
<th>FILTER TOP O-RING</th>
<th>FILTER BOTTOM W/FILTER PAD TRAY &amp; BIOBALLS</th>
<th>QUARTZ SLEEVE</th>
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<tbody>
<tr>
<td>AllClear™ 1200</td>
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