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™ PLUS Filter 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™ PLUS Filter should be examined to ensure there is no water on parts not intended to be wet.
• If the AllClear™ PLUS Filter shows signs of any water leakage, immediately unplug it from the power source.
• If the AllClear™ PLUS 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™ PLUS Filter from power source when it is not in use, and before installing, removing or servicing the AllClear™ PLUS 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™ PLUS Filter or plug in water or attempt to use a wet plug.
• The AllClear™ PLUS Filter 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™ PLUS 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™ PLUS Filter in direct sunshine.
• DO NOT place the AllClear™ PLUS 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™ PLUS Filter Filter is NOT submersible; do not place the AllClear™ PLUS Filter where it might contact or fall into the water.
• DO NOT operate during freezing conditions. Drain, disconnect and store the AllClear™ PLUS Filter in a protected location.
• DO NOT operate the AllClear™ PLUS 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</th>
<th>PLUMBING SIZE (STEP DOWN BARB FITTING)</th>
<th>POWER CORD LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>AllClear™ PLUS 3600</td>
<td>120V / 60 Hz</td>
<td>18 Watts</td>
<td>2,600 GPH</td>
<td>3,600 Gallons</td>
<td>1”, 1¼”, 1½”</td>
<td>16'</td>
</tr>
<tr>
<td>AllClear™ PLUS 4800</td>
<td>120V / 60 Hz</td>
<td>24 Watts</td>
<td>2,600 GPH</td>
<td>4,800 Gallons</td>
<td>1”, 1¼”, 1½”</td>
<td></td>
</tr>
</tbody>
</table>

Note: Only either A or B will be in your package plus C depending on which filter you ordered.
INSTALLING YOUR ALLCLEAR™ PLUS FILTER:

For Best Results

- Run the AllClear™ PLUS Filter 24 hours a day.
- DO NOT operate the AllClear™ PLUS 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™ PLUS Filter in a protected area.

Step 1  Determine the Location
The AllClear™ PLUS 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™ PLUS 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 the 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.

Step 6  Connect the Plumbing
CONNECT 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  Connect to Backflush
CONNECT plumbing to the backflush outlet and bury tubing to discharge location. You may also choose to cap the outlet until you are ready for maintenance. Be sure grey dials on the filter top are turned to “Filter”.

Step 8  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: To camouflage and protect the AllClear™ PLUS Filter from the outside elements use a TrueRock™ Medium Boulder Cover (#510332).

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

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 the Access Hatch
TWIST to remove the access hatch covering the UV Clarifier.

Step 2
Remove the UV Transformer & Bulb
UNSCREW UV transformer and gently pull out the UV transformer and bulb.

Step 3
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 quartz sleeve.

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

Step 2
Remove Clamp
REMOVE the filter canister clamp.

Step 3
Remove Cannister Top
REMOVE the filter canister top.

Step 4
Remove UV Housing
TWIST gently and pull to remove the UV housing and expose the quartz sleeve.

Step 5
Clean Quartz Sleeve
CLEAN quartz sleeve with a soft cloth or sponge and reassemble unit.
WARNING: Before performing any maintenance, always unplug the AllClear™ PLUS Filter from the power source.

Watch a video of the AllClear™ PLUS Filter maintenance online at www.thepondguy.com/allclearplus

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. The backflush feature should be used for regular maintenance, however, the filter should be opened periodically to manually clean and inspect the media pads. Replace filter media pads yearly or when pads show signs of wear and tear. See REPLACEMENT PARTS for replacement filter media pads.

USING THE BACKFLUSH:
The backflush feature is designed to clean soiled filter pads by removing accumulated debris and rising them away from the pond via a bypass outlet.

Step 1
Unplug your Pump
UNPLUG your pump and AllClear™ PLUS Filter.

Step 2
Turn to “Clean”
TURN both dials to “Clean”.

Step 3
Restore Power
RESTORE power to your pump for 30-60 seconds or until the water exiting the bypass is clean.

Step 4
Unplug & Turn to Filter
UNPLUG your pump and turn both dials back to “Filter”.

Step 5
Restore Power
RESTORE power to your pump and AllClear™ PLUS Filter.

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

Step 2
Remove Clamp & Cannister Top
REMOVE the filter canister clamp. Gently pull off the filter canister top and set aside. Remove filter pads.

Step 3
Rinse
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
Reassemble Media Pads
REASSEMBLE media pads back into the filter in order; high-density on the bottom, medium density and low density on the top. Seat the filter canister O-ring properly in place before replacing the filter canister top and securing with canister clamp. Reconnect plumbing.
**TROUBLESHOOTING:**

*Note: For your safety, the AllClear™ PLUS 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™ PLUS 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).