



Item # 60024

## Mechanical Filter Box (Model # MF500)

### Questions, Problems, Missing Parts?

Before returning to your retailer, call our customer service department at 1-866-728-6187, 9 a.m. – 5 p.m. EST, Monday – Friday or e-mail us at [customerservice@srg-usa.com](mailto:customerservice@srg-usa.com)  
Please have your model number available

### Parts List

Part #	Description	Quantity
1	Filter Box-Bottom	1pc
2	Filter Box-Top	1pc
3	Filter Pad-Coarse	2pc
4	Filter Pad- Fine	2pc
5	Bio Media Balls	10pc

### No Tools Required for Assembly

- Pump required – not included  
(minimum rating 200 gph)

### Warnings



- To reduce the risk of electrical shock, connect only to a properly grounded outlet.
- Do not exceed the voltage shown on the pump.
- Always disconnect pump from the power source before beginning any maintenance or work on the pump.
- Inspect cord for damage before installation and/or maintenance. Replace the entire pump assembly if damage is found.
- Do not remove the grounding pin from the power cord plug.

### Cautions

- Use a proper power source as indicated on the pump label.
- Keep the cord away from high temperatures or other heat sources.
- Avoid using the pump when temperatures fall below 41° F.
- Do not pump heated liquids.
- Do not let the pump run dry. Pump must be completely submerged for proper operation and cooling.
- Operate in freshwater only. Avoid heavily chlorinated water.
- Do not lift the pump by its power cord.

### Operation Instructions

The MF500 is a general purpose, mechanical / biological filter system. It is designed to filter the water and promote healthy bacteria that will provide a balanced environment in your pond. This filter is designed to work with a water pump that can circulate a minimum of 200 gallons per hour (pump not included). As a pre-filter, the MF500 also reduces pond debris and particulate before they enter the pump and other pond accessories. This pre-filterization reduces the clogging of your pump and accessories, and minimizes the need for cleaning.

1. Remove the filter box from the packaging.
2. Place the pump inside the filter box as shown. The pump should be positioned so that the outlet will align with the holes in the filter pads and the top of the filter box. Route the power cord from the filter box through the notch provided so that the top of the filter box will fit tightly.
3. Add the bio media balls around the pump.
4. Place one fine filter pad (blue) and then one coarse filter pad (black) over the pump and the bio media balls.
5. Place the top on the filter box and attach any tubing or fountain heads to your pump outlet through the hole provided.
6. Place the filter box on a flat area near the center of the pond.

7. Connect the power cord to a properly grounded, grounding type receptacle (GFCI).

## Care and Maintenance

- Occasional cleaning of the filter pads will be necessary to ensure the proper functioning of the system. The coarse filter pad is designed to trap large debris. The fine filter pad catches smaller particles. All pads should be removed and washed with clean water when they are visibly soiled - for best results, clean the filter pads weekly. (Note: Failure to clean the Filter Pads may cause the pump to overheat and may void the pumps warranty).
- Filter pads should be changed annually. Use Garden Treasures™ Replacement Filter Pads model # UP500 (Lowe's item #111224) A replacement set of one fine pad and one coarse pad is included in this kit.
- The exterior surface of the filter box may also need occasional cleaning, particularly if the openings in the top of the filter box are obstructed. When cleaning the filter box use warm water only. Do not use any chemicals that may destroy the beneficial bacteria.
- The bio media balls in you filter system and the inside surfaces of the filter box contain the beneficial bacteria. At least once a year the entire system should be disassembled and cleaned thoroughly using warm, soapy water (mild detergent). This should not be done during the warm season as it may take up to 8 weeks to re-establish the environmental balance. The best time of the year to "breakdown" your system is in early spring before the water temperatures begin to rise. This is also the ideal time to replace the filter pads.

