

CLEAR WATER PUMP & FILTER KIT SIZES AND SPECIFICATIONS

	CW750	CW1200	CW2400	CW3600	CW4800	CW7200
ITEM NO.	23PS272	23PS273	23PS274	23PS275	23PS276	23PS277
MAX. POND SIZE WITHOUT FISH/SHADED (GAL)	750	1,200	2,400	3,600	4,800	7,200
MAX. POND SIZE WITH FISH/FULL SUN (GAL)	350	600	1,200	1,800	2,400	3,600
PUMP MAX. FLOW (GPH)	750	1,150	1,550	2,050	2,450	3,050
PUMP MAX. HEAD (FT)	9.18'	10.25'	14.1'	15.84'	11.5'	15'
PUMP CORD LENGTH (FT)	32'	32'	32'	32'	32'	32'
FILTER UV-CLARIFIER SIZE (WATT)	9	13	18	24	36	55
FILTER CORD LENGTH (FT)	16'	16'	16'	16'	16'	16'
NON-KINK POND HOSE SIZE (I.D X LENGTH)	1" X 25'	1" X 25'	1.5" X 25'	1.5" X 25'	1.5" X 25'	2" X 25'
HOSE CLAMP SIZE (INCH)	1" (4-Pk)	1" (4-Pk)	1.5" (4-Pk)	1.5" (4-Pk)	1.5" (4-Pk)	2" (4-Pk)



- ULTRA SERIES - CLEAR WATER PUMP & FILTER KIT



INSTRUCTION MANUAL

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PondMAX

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DESCRIPTIONS AND FEATURES

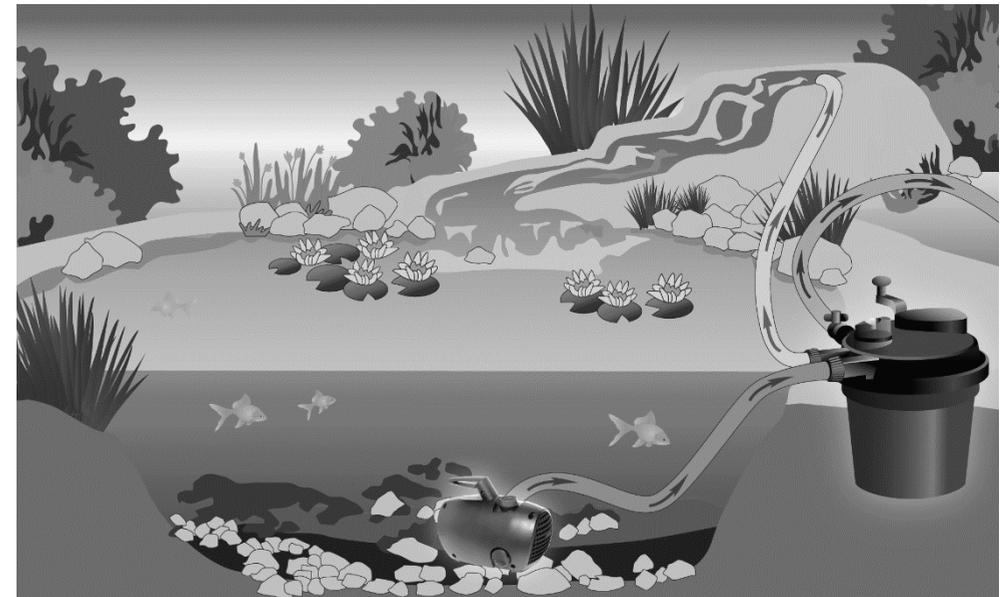
You're PondMAX Pump and Filter Kit has been assembled to provide you with a convenient solution for your new or existing pond or water feature. This kit is not a complete pond kit and will require that you have an existing or a newly constructed pond, with either a pre-formed shell, rubber liner or formed from concrete. These components offer the following features and benefits:

- Filter provided with a built-in UV Clarifier
- Comes with an energy-efficient Filtration/Waterfall Pump comes with a non-clogging, vortex style impeller
- The PondMAX Pump & Filter Kit comes with 25' of heavy-duty Non-Kink Pond Hose

INSTALLATION

1. Remove all components from kit box and make sure none of the components are missing (ALL KITS INCLUDE: Pressure Filter, Filtration/Waterfall Pump, 25' Non-Kink Hose, 4-pack of clamps & 16 oz. Bottle of BactiMAX).
2. Open packaging for each component and remove each item. Make sure to keep the instruction manual for each item for your records. Visually inspect each of the products for damage.
3. Start assembly by threading the stepped hosetail fittings on both the pump and filter. Make sure to match up your hose with the correct size of hosetail barb. **IMPORTANT:** Please ensure you cut off the barbs that are smaller than the tubing size you are using.

4. Next uncoil the roll of pond hose and let sit in the sun for up to 30 minutes (not mandatory). Heat from the sun will soften the hose, making it easier to stretch and work with. Hose can then be connected to the hosetail on discharge of pump, using a clamp provided.
5. Now determine placement of pump inside the pond, keeping in mind the length of power cable from pump to power source. It is recommended to install this type of pump at the lowest point in the pond to reduce sludge and muck build up. **IMPORTANT:** Make sure to use handle on pump body to lower it into position in pond. Never use the power cable to install or remove pump from pond.
6. Next determine placement of filter outside the pond, keeping in mind length of UV Clarifier power cable from filter to power source. The filter tank can be buried in the dirt (do not cover any higher than the clamp). It is recommended to install filter in a semi-secluded place (behind rocks or plants) so that it isn't easily seen. **IMPORTANT:** Install filter as close to the elevation of waterfall or point where clean water is being returned to pond. This will eliminate unnecessary back pressure on filter.
7. Once filter is firmly in place, cut pond hose to desired length, making sure to reserve enough hose for piece needed between filter and where clean water returns to pond or waterfall.



8. Once pond hose is cut, go ahead and connect pond hose from pump, onto the filter inlet hosetail (has image of a pump and has arrows pointing to center of filter). Secure to barbed hosetail using a clamp provided with kit.
9. Now connect an additional piece of the pond hose to the filter exit port, directly next to inlet port (has image of fish and arrows pointing away from filter), once again using a clamp provided to fasten securely.
10. Connect the ball valve provided with filter, onto the discharge back-wash port (has image of plants and arrows pointing away from filter). Pond hose can be connected onto this port if you wish to have dirty water go to remote area in your yard. **NOTE:** Do not return dirty water resulting from a backwash, back into the pond.
11. Last of all connect the remaining loose end of hose to either the top of waterfall or point of return to pond (using the last clamp provided if needed).
12. Fill pond with water and when water has completely covered the pump, go ahead and power on the pump.
13. Once the filter canister has filled. Then proceed to power on the UV Clarifier that is built-into the filter. Use the UV indicator window (best seen at night time) to make sure to that UV Clarifier is in operation.
14. Once the water is flowing and pond is at desired height, go ahead and pour Bactimax (bacteria clarifier) into the pond to speed up the biological activity in the pond and filter.

MAINTENANCE

NOTE: Please reference instruction manuals specifically for Pump & Filter that comes inside original product box.

IMPORTANT SAFEGUARDS

NOTE: Please reference instruction manuals specifically for Pump & Filter that comes inside original product box.

LIMITED WARRANTY

NOTE: Please reference instruction manuals specifically for Pump & Filter that comes inside original product box.