



Aquagrow™

Bring Your Garden To Life

The Aquagrow uses 26oz of KDF redox media plus crystal. It does not contain any carbon or other media as generally used in drinking water filters.

This product contains non-toxic granular filter media which is produced within the regulations of "The Drinking Water Act" (PL 99-399 of June 19, 1986).

Some of the very smallest grains of media may shake out during shipping and handling. This is normal and does not mean that the filter is defective or damaged. When the filter is wet the grains are held together and are not flushed out by the Water flow while the unit is in operation.

Instructions For Installation

Your Aquagrow comes complete with one filter housing and a pair of cartridges already installed inside, and one hose saver.

To Install:

1. Begin with the hose saver. The Aquagrow is equipped with a very strong special vinyl hose with solid brass fittings. This specially designed hose saver acts as a shock absorber protecting the Aquagrow and the hose from damage caused by hose whipping and pulling.
2. Attach your Aquagrow to the hose saver. See comments on Maintenance.
3. Attach garden hose to the Aquagrow.

For Best Results

To obtain optimum performance a maximum of 4 GPM (gallons per minute) should be run through the unit but we would prefer a flow rate of about 3 GPM. The Aquagrow will not generally reduce your flow rate. Slowly turn your water on to achieve the proper flow rate as described in the instructions. You may want to measure the flow by gauging the time it takes to fill a 5 gallon bucket. The Aquagrow works best with low flow watering applications such as misters, drip irrigation, soaker hoses, and hand watering.

Maintenance

The Aquagrow should be back flushed every month or so. Back flush the unit by reversing the direction of the filter. Disconnect from the hose and hose saver and simply turn unit around. Turn your water on full force to dislodge any trapped particulate matter.

In cold weather areas do not leave the filter permanently attached to an outside source. Do not allow it to freeze. If the Aquagrow is out of use for an extended period of time, we recommend running water through it once a month to keep media wet and prevent oxidation. You may also store it in a refrigerator.

PLEASE NOTE: To avoid pressure build up in the unit do not leave an adjustable nozzle in a closed position with the faucet turned on.

The Aquagrow garden filter cartridges should remove a minimum of 85% or more of Free Chlorine for approximately 20,000 to 25,000 gallons. At a flow rate of 4 GPM you can expect approximately 83 to 105 watering hours.

Note: Some watering applications such as misters and soaker hoses will reduce water flow even further. Reduced flow rates will extend your watering hours.

The chart below indicates some standard calculations at 20,000 gallons.

Gallons Per Minutes	Gallons Per Hour	Estimated Water Hours
4	240	83
3	180	111
2	120	167
1	60	333
0.5	30	667

These are minimum projections. Actual performance could be 25% higher.

Filter cartridges should be replaced with a new pair of replacement cartridges (Part #AQFI) at the end of your estimated watering hours or one year, whichever comes first.

Chlorine levels vary across the country. If you live in an area where the source water contains high levels of suspended solids or where scale build-up in pipes is excessive, you may experience a reduction in water flow. This may be an indication that you need to change the cartridge more frequently than the estimated watering life.

Filter Media

KDF 55

The Aquagrow uses our enhanced form of KDF-55® as the dechlorinating media. KDF® dechlorinates by creating a galvanic reaction, or electro-chemical reaction, which cause two chlorine ions to combine with some prevalent metal ion in the water such as calcium to form a soluble and harmless chloride which washes out of the filter. KDF® does not hold chlorine, it changes chlorine from an element into a harmless compound.

Crystalline Quartz

The Aquagrow features the use of our special Crystalline Quartz technology. These specially-cured crystals reduce the surface tension of the water allowing for easier penetration of water and nutrients to plant roots. Visit our web site for Technical Data, Laboratory Test Results and Analysis of Multipure Aquagrow Filters For Performance in Reducing Free Chlorine.

Notice On Limitations

Do not allow to freeze. Do not use any type of sequestering agent such as polyphosphates ahead of the media. Its effectiveness will be reduced when on high iron content municipal water systems that use chemicals such as polyphosphates. Dechlorinating rates can not be guaranteed when used with watering applications allowing for more than 4 GPM. The Aquagrow is not designed for drinking water filtration.

Filter Housing and Cartridges Specifications

Overall weight	2 lbs 10.5 oz
Dimensions	10-1/8" x 2-3/4"
Chlorine removal	min. of 85% or more at 65° to 70° F (19°-21°C)
Housing material	UV resistant polypropylene
KDF®26 oz
Crystalline quartz	4 oz
Maximum pressure	100 psi
Maximum water temperature	110° F (43°C)
Minimum water temperature	40° F (5°C)
Estimated Life	20,000 to 25,000 gallons

(Based on water conditions and maintenance.)

Additional Uses For Your Aquagrow

The Aquagrow may be used to wash the coats of pets and animals where the ambient water temperatures are appropriate. Automobile lovers will find organic carnuba wax jobs will last far longer when cars are washed with dechlorinated water.

Let's Talk About Recycling

Multipure strongly encourages you to return your used cartridges for complete recycling. While Multipure cannot use any of the recycled material we give it at no cost to a Recycling Company for use by a variety of industries.

We'd much prefer our products get a second life than end up in a landfill. The amount of postage it takes to send it back is a small contribution to our planet. Please mail or ship the cartridge to:

GOOD EARTH RECYCLERS - P.O. Box 2167, San Gabriel, CA 91778-2167

Limited Warranty

The manufacturer warrants the Multipure Aquagrow Dechlorinating Garden Filter to be free from defects in the materials and workmanship when installed, operated and maintained in the matter instructed in the instruction sheet.

- Filter housing and hose saver are warranted for one year from date of purchase.
- The filter cartridges are warranted for 90 days from date of purchase.

The manufacturer will repair or replace any Aquagrow filter that fails to perform due to faulty material or workmanship. Not covered under the warranty is damage due to misuse, improper maintenance, improper installation, excessive water pressure or temperature, freezing or general misapplication of filter's use and purpose. There are no warranties expressed or implied, other than those stated herein. We are not liable in any way for the damage arising from the misuse or misapplication of the product.

To make claims under this warranty you may either see your Independent Distributor or contact Multipure directly.

Replacement Element: AQFI

Keep this Instruction Guide and Performance Date Sheet
for your future reference.

MADE IN U.S.A.



MULTIPURE™

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