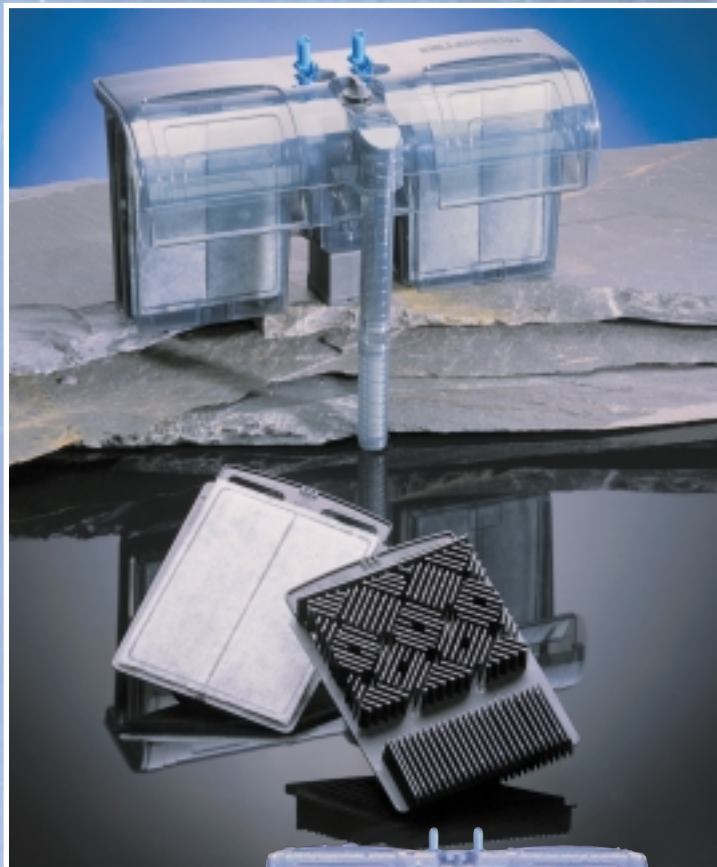


MILLENNIUM®

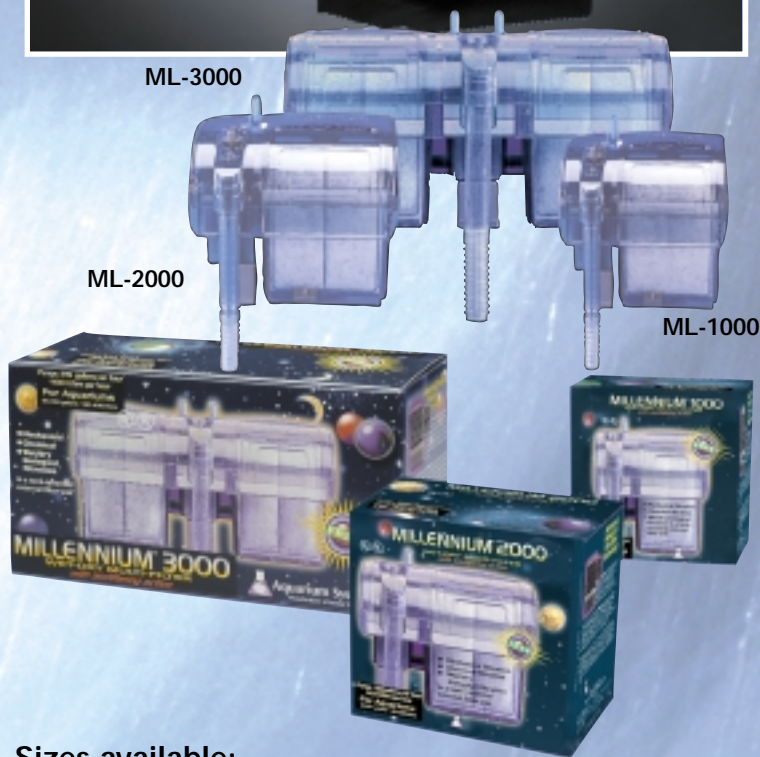
WET/DRY MULTI-FILTER

FEATURES

- The **Millennium®** multi-filter combines mechanical, chemical, and wet/dry biological filtration functions in an innovative and efficient tank mounted external filter unit.
- The **Millennium®** multi-filter features the **BioGrid™** plate which provides high surface area for support of nitrifying bacteria that is totally separate from the mechanical and chemical filtration. This preserves the biological filter even when the **MechaniChem®** mechanical/chemical filtration cartridge is replaced.
- The new **ImpellAir®** pump assembly, using venturi action, mixes fresh air with aquarium water before it passes through the **BioGrid™** plate. As it passes through the plate, the biologically active surfaces are exposed to both dissolved oxygen in the water and undissolved oxygen in the air. This wet/dry action provides the nitrifying bacteria with much more oxygen than would normally be available, which greatly increases efficiency and capacity of biological filter.
- The **MechaniChem®** filtration cartridge contains two layers of polyester fabric enclosing activated carbon in a single convenient unit. The polyester fabric traps particles, while the activated carbon is housed in a unique baffle system that ensures the entire stream of water flows through carbon during every pass through the filter.
- The **AdjustaFlow®** telescopic siphon intake tube easily adjusts to various depths, and water flow is regulated by a top-mounted control. The flexible design permits easy removal of the intake tube for cleaning without removing the **ImpellAir®** assembly. The two units can be removed together in one single step for more significant cleaning.



ML-3000



ML-2000

ML-1000



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Sizes available:

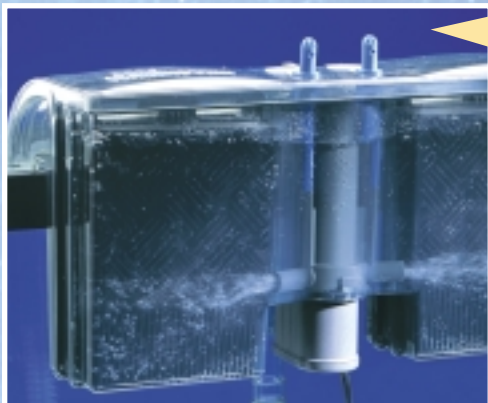
Millennium® 1000 — 90 g/h, tank sizes up to 15 gallons.
Millennium® 2000 — 160 g/h, tank sizes 10 to 60 gallons.
Millennium® 3000 — 295 g/h, tank sizes 20 to 100 gallons.

SEE BENEFITS ON OTHER SIDE.

MILLENNIUM[®]

WET/DRY MULTI-FILTER

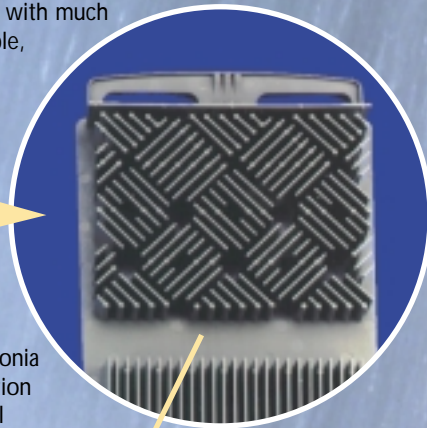
BENEFITS



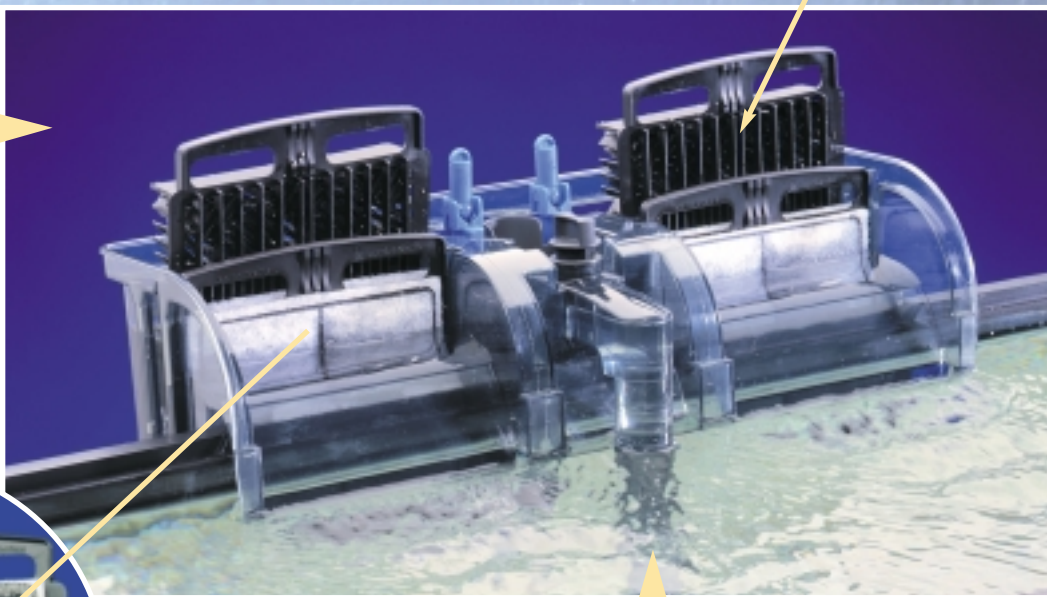
Venturi action across BioGrid™ as seen from the back of filter.

The **ImpellAir[®]** pump assembly mixes fresh air with aquarium water before it passes through the filter. This wet/dry action provides the nitrifying bacteria with much more oxygen than would otherwise be available, significantly improving both the efficiency and capacity of the biological filter.

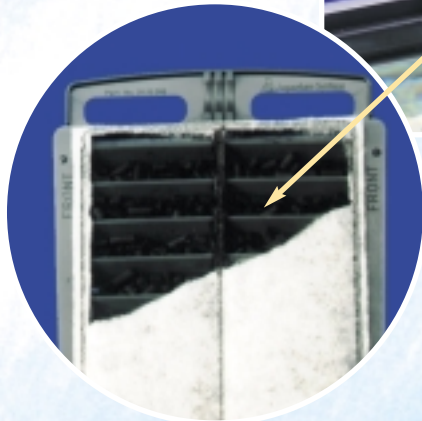
The innovative "basketweave" design of the **BioGrid™** plate produces areas of fast and slow moving water that insure ideal conditions for the full range of biological filtration organisms. The **BioGrid™** plate provides a high surface area for the biological filtration — oxidation of toxic ammonia to relatively non-toxic nitrate. Biological filtration remains intact even when mechanical/chemical filter is replaced.



Multi-filter maintenance is easy. Removal or replacement of the **BioGrid™** plate and the **MechaniChem[®]** filter can be done from the front of the tank. You don't even have to turn the **Millennium[®]** filter off.



The **AdjustaFlow[®]** telescopic siphon intake tube easily adjusts to various aquarium depths. Water flow is regulated from a top-mounted control.



MechaniChem[®] filtration cartridge

Two layers of polyester fabric effectively trap large particles of debris, while the activated carbon, evenly distributed within the baffle system, makes contact with more water resulting in cleaner aquarium water and a healthier aquarium.



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