

A study in 2010 has attributed to whales a positive influence on the productivity of ocean fisheries, in what has been termed a "whale pump."

Whales carry nutrients, such as nitrogen, from the depths of the ocean back to the surface. This functions as an upward biological pump, reversing the assumption of some scientists that whales accelerate the loss of nutrients to the bottom.

They note that this nitrogen input in the Gulf of Maine is "more than the input of all rivers combined," some 23,000 metric tons each year.^{1,2}

Whale

NEW EXTERNAL FILTER

NEW!



Designed
Produced
in Italy



THE MOST EFFICIENT NATURAL FILTRATION SYSTEM

The new external filter range is ideal for any aquarium and features an easy start up system. With a large filtration volume this range guarantees crystal clear water with silent operation.

1- Whale poop pimps up ocean health. Sciencedaily.com (2010-10-12). Retrieved on 2011-11-18.

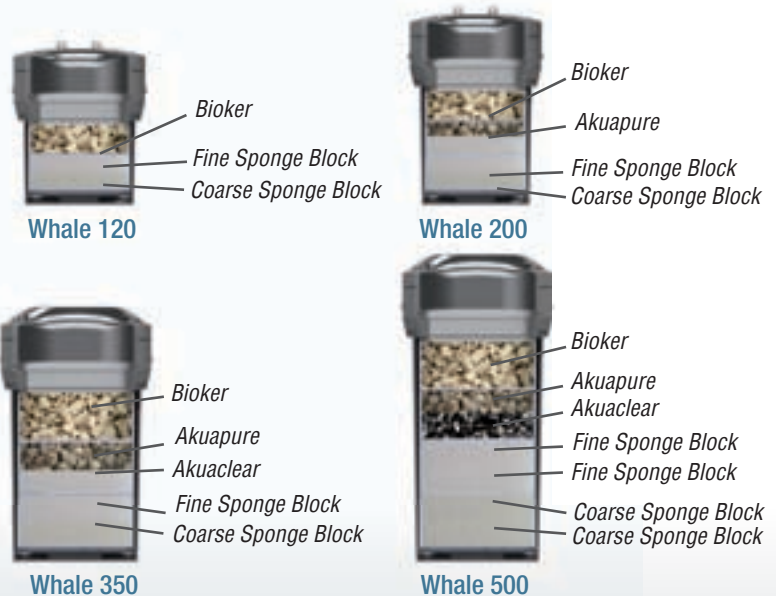
2- Roman J. McCarthy JJ (2010). "The Whale Pump: Marine Mammals Enhance Primary Productivity in a Coastal Basin". PLoS ONE 3(10): doi:10.1371/journal.pone.0013255.



APPLICATIONS



COMPLETE: **WHALE** comes complete with ORIGINAL SICCE media and tubes.





TECHNICAL DETAILS

Practical handles for easy caring

Quick disconnect system

closing system

Baskets can be packed with media to achieve maximum mechanical and biological filtration

Dry hands with floating baskets

Ready prepared for special material filters:

- SICCE **HYPERCARBO fast**
- SICCE **AKUACLEAN**
- SICCE **AKUACLEAR**
- SICCE **HYPERBAKTO**



FOCUS ON



NEW! Unique and practical concept of self priming system.



Ready to use and easy to set-up: complete with accessories and high-performance filter media.



Several spacious removable media baskets for biological, mechanical and chemical filter media.



No wet hands with floating baskets.



SICCE ENERGY EFFICIENT: lowest consumption for greatest filtration performances.



DETAILS



Self priming system



Quick disconnect system without water loss

Flow regulation



TECHNICAL DATA

Whale	1(120)	2(200)	3(350)	5(500)
120V - 60 Hz				
Flow rate	140gph	190gph	330gph	390gph
Power Consumption	5 W	8 W	16 W	18W
Head max	3.3 ft	4.6 ft	5.25 ft	6.6 ft
Canister volume	.7gal	1.1gal	1.8gal	2.3gal
Media volume	122 in ³	171 in ³	317 in ³	427 in ³
Tank capacity	10 - 30 gal	25 - 50 gal	50 - 90 gal	80 - 135 gal
Baskets	2	3	3	4
Tube Length/Diam	6 ft 1/2 - 5/8	6 ft 1/2 - 5/8	6 ft 5/8 - 15/16	6 ft 5/8 - 15/16

