

Magnesium Reactor

MgR



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Magnesium Reactor MgR 110

To supply an aquarium with magnesium there are some ways: if an tank needs only small amount of magnesium it is possible to supply “Magnesium-plus”. With slightly higher needs a Magnesium Tube connected after an chalk reactor is the right choice. But if the aquarium needs a lot of magnesium only a Magnesium Reactor can manage the problem.



In some aquaria you need high amounts of magnesium, e.g. *Gorgonia* need more magnesium than hard corals. Coral-line algae need more magnesium, too.

The Mg-Reactor is filled with the proven *Turbo*-Magnesium Granules. It has a very high solubility. With the help of carbon dioxide (you need an CO₂ pressure tank, a pressure relief valve and a CO₂ check valve) the internal water of the reactor gets acidly and dissolves the granules: magnesium ions and carbonate hardness arise. A powerful circulation pump prevent the filter bed for blocking.

The advantages in a glance:

- very powerful
- no blocking
- CO₂ is circulated
- you do not need a CO₂ bubble counter
- automatically de-aeration of the pump
- connector for an ORP probe in series
- big volume
- easy maintenance
- may be used a traditional chalk reactor, too

Technical data of MgR Magnesium Reactors:

Size	MgR 75	MgR 110-040
Order number	372-008	372-011
max. aquarium volume in l (ca.)	400	1000
Water flow in l/h	0,5...2	1...5
Diameter in mm	75	110
Array	external or in a filter sump	
Total height in cm*	36	36
Required height in cm*	38	38
Footprint size wide × depth in mm	190 × 140	200 × 160
Build-in pump	UP1000	UP2000
Electrical consumption in W	10	18
Materials	PVC-U, ABS, NBR, PA	
Connectors	6 mm tube nozzles	
Drain	nein	EHEIM valve 12/16
Volume in l	0,8	1,8
Weight of substrate in kg	1,0	2,3
Total weight in kg	3,0	5,5
Substrate	<i>Turbo</i> Magnesium Granules	
	2,5 kg <i>Turbo</i> Magnesium Granules, grain size 4-5 mm, order number: 561-003	
	15 kg <i>Turbo</i> Magnesium Granules, grain size 4-5 mm, order number: 561-015	

* other height are possible!

For high efficient systems of very big aquaria we can offer technical sizes of Magnesium Reactors **MgR**, too