

Bubble King

EcoMax Series



Made in
Germany
Since 1986



www.aquariumsys.com

Exclusiv
★★★★★
Produced by Royal -



Royal Exclusiv



Data sheet Bubble King® EcoMax Series 200 and 250
For all Bubble King® EcoMax skimmer with adjustable RD3 Mini Speedy pump

ENG

Data sheet for protein skimmer Bubble King® **EcoMax 250 RD3**

Skimmer-series Bubble King® **EcoMax 200** for aquarium-grounds. For internal installation in filter-systems with limited space. Suitable for particularly gentle, effective, and dry skimming. The so-called sledgehammer, the universe of all solution, for many fishes and aquairums with strong contamination.



Ecomax 250

for aquariums up to 1.000 liter

hard facts **ECOMAX 250** internal:

adjustable Red Dragon 3 @Mini Speedy skimmer pump

50 Watt 1.500 l/h, adjustable 15-50 Watt

Delivery rate: from 150 to max. 1500 l/h air-intake //

from 300 to max. 3000 l/h water-intake

motor speed adjustable: 400-4000 l/min

Base plate: ø25 cm / height ~ 64 cm

Technical data ECOMAX 250 internal:

Water level: ~ 180 mm up to ~ 250mm

Weight skimmer: 9kg inclusive pump

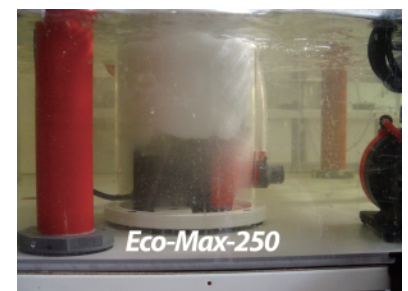
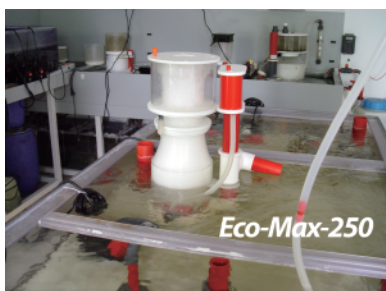
Dimension skimmer: 250 mm wide / 300 mm length /

~560 mm height / outlet height 380 mm

20-30 mm for the opening of the screw connection

40-50mm for opening the lid

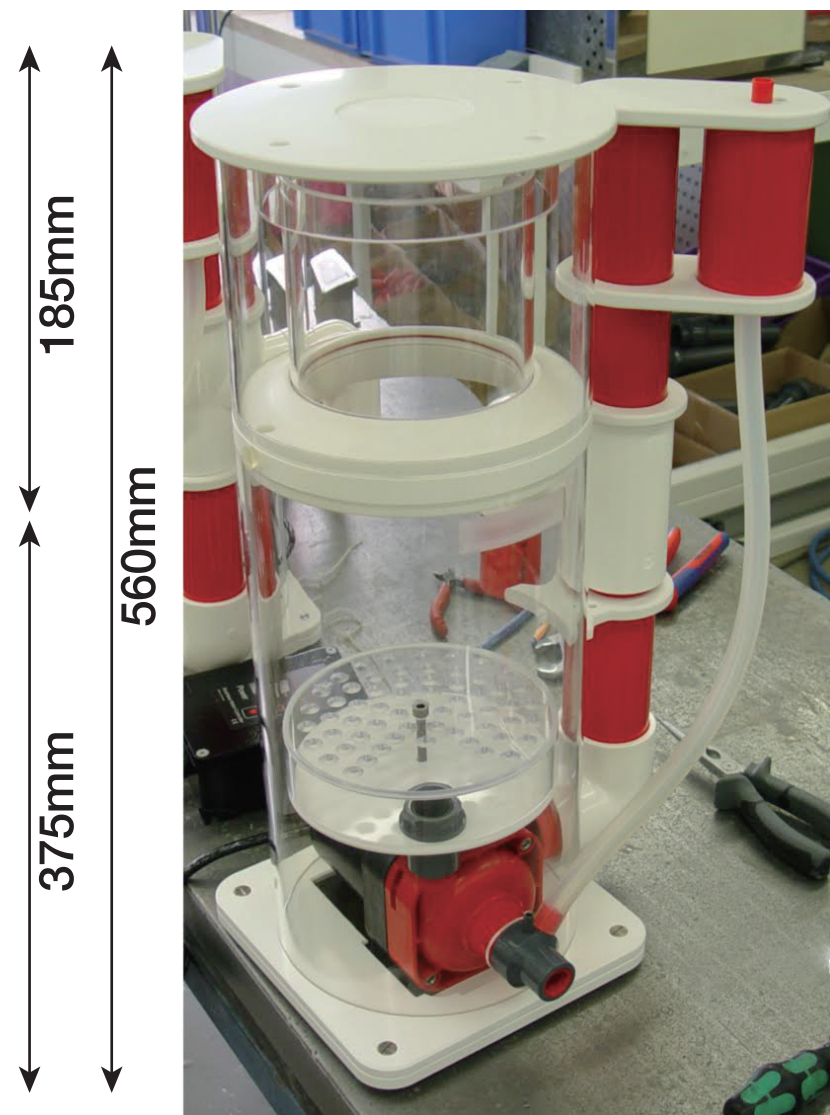
Nozzle with ozone & air plug



Data sheet for protein skimmer Bubble King® EcoMax 200 RD3

Skimmer-series Bubble King® **EcoMax 200** for small aquarium-grounds. For internal installation in filter-systems. This is a space-saving for internal installation in cramped-cleaning equipment. Suitable for particularly fast, effective, and wet skimming.

The skimmer is equipped with a Red Dragon® 3 Bubble King® skimmer pump from Royal Exclusiv®, is integrated in the skimmer. A continuously height adjustable telescopic tube is provided to regulate the water level. The swivelling water outlet at the side has a tube diameter of 50 mm.



Ecomax 200

for aquariums up to 1.000 liter

hard facts **ECOMAX 200** internal:

adjustable Red Dragon 3 ®

Mini Speedy skimmer pump

50 Watt 1.500 l/h, adjustable 15-50 Watt

Delivery rate: from 150 to max. 1500 l/h

air-intake //

from 300 to max. 3000 l/h water-intake

motor speed adjustable: 400-4000 l/min

Base plate: 22 cm / height ~ 560 cm

Technical data ECOMAX 200 internal:

Water level: ~ 180 mm up to ~ 250mm

Weight skimmer: 9kg inclusive pump

Dimension skimmer: 290 mm wide /

290 mm length /

~560 mm height / outlet height 380 mm

20-30 mm for the removing of the whole cup

40-50mm for opening the lid

Nozzle with ozone & air plug

Protein skimmer Bubble King® **EcoMax200** and **EcoMax 250** skimmers are equipped with a Red Dragon® 3 Bubble King® skimmer pump from Royal Exclusiv®, is integrated in the skimmer. A continuously height adjustable telescopic tube is provided to regulate the water level. The swivelling water outlet at the side has a tube diameter of 50 mm.

For the fine adjustment of the water level, there is also a 360° pivotable PVC torque tube with a fitted dismountable simple silencer. The perforated Plexiglas lid can be opened by loosening the M6 titanium hexagon socket screw in the centre.

The complete skimmer cup can be unscrewed from the pillar tube. The lift height required for this is 30 mm. A pivotable tap is fitted to the bottom for draining off the absorbate.

The pump is connected to the skimmer on the pressure side through a loosely attached Ø 30 mm silicon tube connection piece. The 9 mm silicon tube is used to transport the air exhaust from the silencer to the pump.

The grey 6 mm connecting piece on the nozzle base part is set up for ozone supply. The adjustable skimmer-pump is to set the water/air-volume. Easy control via the Controller.

Important maintenance information!!!

For the smooth functioning of the protein skimmer, the skimmer pump must be regularly cleaned and decalcified!

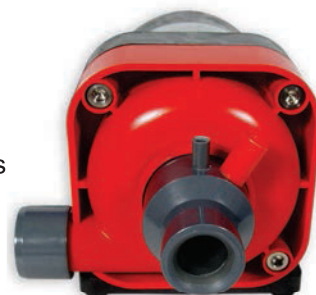
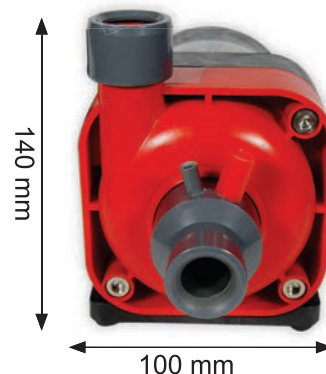
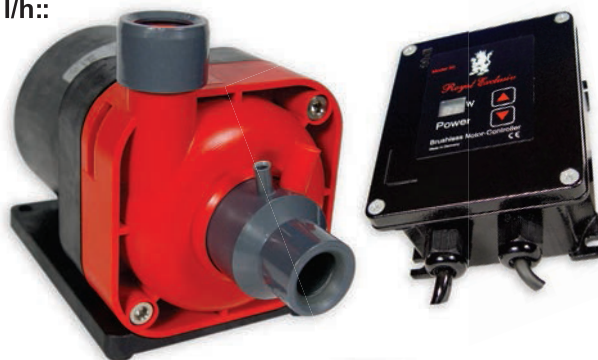


Data sheet and power curve for skimmer pump with adjustable speed motor

Red Dragon® 3 Mini Speedy pump 50 Watt 1500 l/h

Technical data Red Dragon® 3 Mini Speedy pump 50 Watt 1500 l/h::

Cable length:	0,8 meter (plug controller) 3,8 meter (controller to pump)
Pressure side:	reducing ring Ø 32 mm
Intake side:	Nozzle with ozone & air plug
Wattage:	adjustable 15-50 Watt
Delivery rate:	max. 1.500 l/h Air inlet max. ~ 3.000 l/h Water inlet
Material/color:	PVC black/red/grey
Operating voltage:	230 Volt 50 Hz (also in 110V/60Hz available)
Noise level:	32 db (measured in 1 m distance - operation external)
Protection class:	IP 68 (submersible pump) IP 66 (controller)
Weight:	3,5 kg
Height of intake side:	center 60 mm
Dimension pump:	100 mm wide / 160 mm length / ~ 140 mm height
Dimension controller:	120 mm wide / 160 mm length / ~ 65 mm height



- Saltwater resistant M6 grade 2 titanium screws
- Saltwater resistant parabolic rubber feet for acoustic decoupling
- Extreme low noise brushless dc-delivery pump with grouted power electronics
- High efficient technology Made in Germany
- compact dimensions
- High performance ceramics bearings
- Only saltwater resistant pump with titanium rotor, titanium stator and shrivelled bearings
- Easy usage and maintenance. Low risk of calcification due to polished titanium parts
- Heavy and massive craftsmanship against vibrations and oscillation
- CE conformity, developed and built according to VDE guidelines

