

Royal Exclusiv® Aqua-Inspired, Perfectly Designed

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Data sheet and list of spare parts for Bubble King® DeLuxe 500 DC
For all Bubble King® DeLuxe protein skimmer 500 external with BK DC 24V

vs26

ENG



**Bubble King®
DeLuxe external 500**

for tanks with 2.500 - 7.500 l Volume
max. 5.000 l/h Air-intake
max. 15.000 l/h Water-intake
max. 134W / 24V / DC
adjust- & controllable 0-10V



Data sheet for protein skimmer Bubble King® DeLuxe 500 external

Protein skimmer Bubble King® DeLuxe 500 external DC **Product no.: 84**

for aquariums from 2.500 ltr. up to 7.500 ltr.

Skimmer-series Bubble King® DeLuxe for aquarium-grounds.

For external installation outside of filter-systems. For the demanding user.

Technical data Bubble King® DeLuxe 500 external DC:

max 5.000 ltr./h Air - 15.000 ltr./h Water = 2 pumps (Bubble King® BK2500)

Baseplate: 55 cm x 89 cm / height ~ 98 cm

2x Skimmer-pumps BKDC24 Bubble King® 2500 DC with needle wheel

2x Adjustable DC-pump with 24V / 67W

Delivery rate: max 2.500 l/h Air inlet ~ 7.500 l/h Water inlet

Wattage - active power: $P = 134 \text{ Watt/h}$ (both pumps!)

Removable controller and power supply

Cable length pump - controller: ~ 3 m /// controller - power supply: ~ 1,5 m

Operating voltage: 100 - 240 Volt 50/60 Hz

Protection class: IP 68 pump

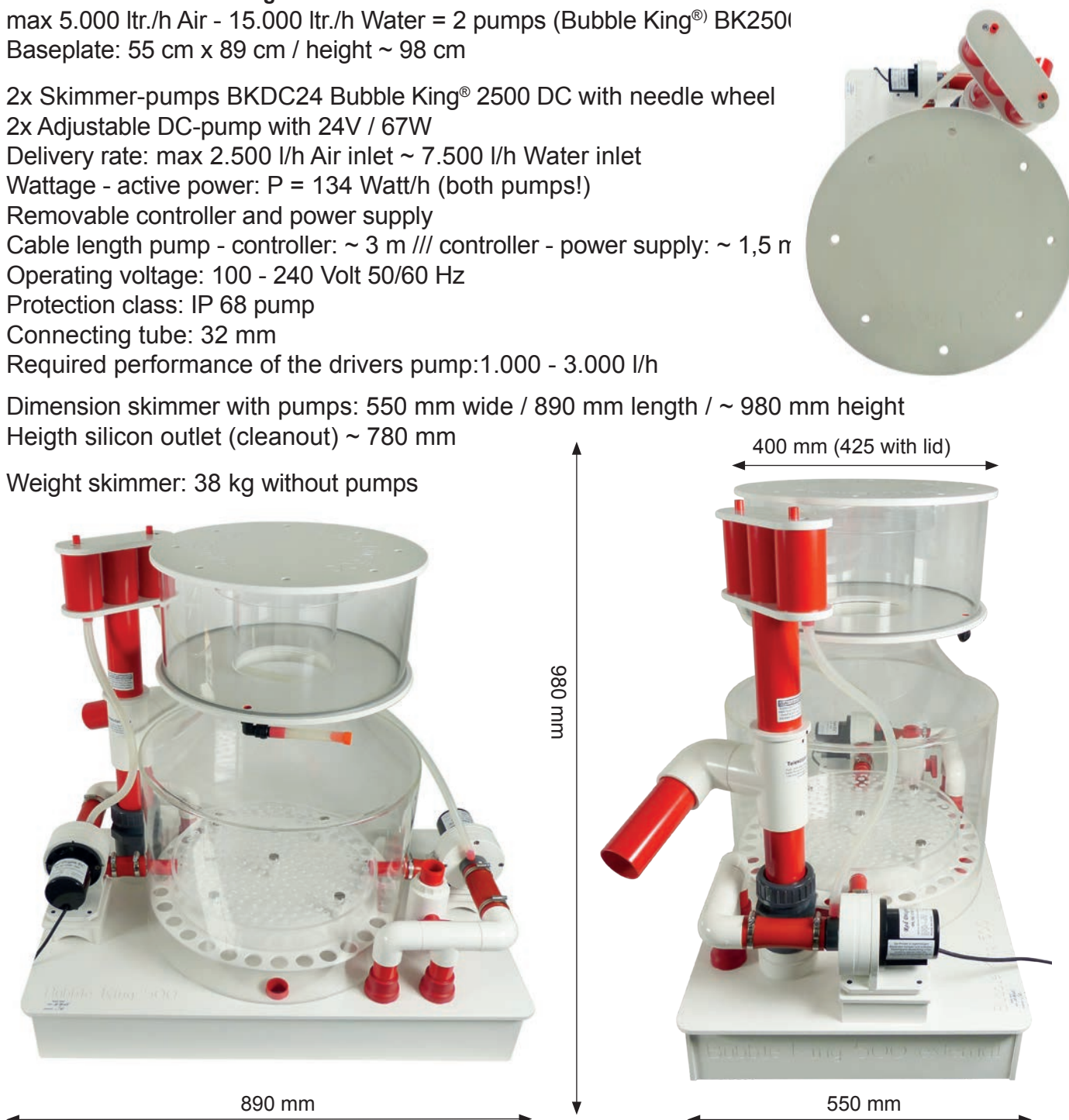
Connecting tube: 32 mm

Required performance of the drivers pump: 1.000 - 3.000 l/h

Dimension skimmer with pumps: 550 mm wide / 890 mm length / ~ 980 mm height

Height silicon outlet (cleanout) ~ 780 mm

Weight skimmer: 38 kg without pumps



For more information, please visit www.royal-exclusiv.de. Simply enter the part number or name into the search box or email: info@royal-exclusiv.de.

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Protein skimmer Bubble King® DeLuxe 500 external DC **Product no.: 84**

Protein skimmer Bubble King® DeLuxe 500 for external filter assembly in aquariums of 2.500 l to 7.500 l.

The skimmer is equipped with two Red Dragon® Bubble King® skimmer pumps from Royal Exclusiv®, installed on the side. The complete piping technique is housed in the white PVC substructure.

A continuously height-adjustable wedge- and telescopic tube is intended for water level regulation. The side vertical swivelling water outlet has a tube diameter of 63 mm. For the fine adjustment of the water level, there is also a 360° pivotable PVC torque tube with a fitted dismountable double silencer.

The perforated pan lid is made of plexiglass and can be opened by loosening the five M6 titanium screws.

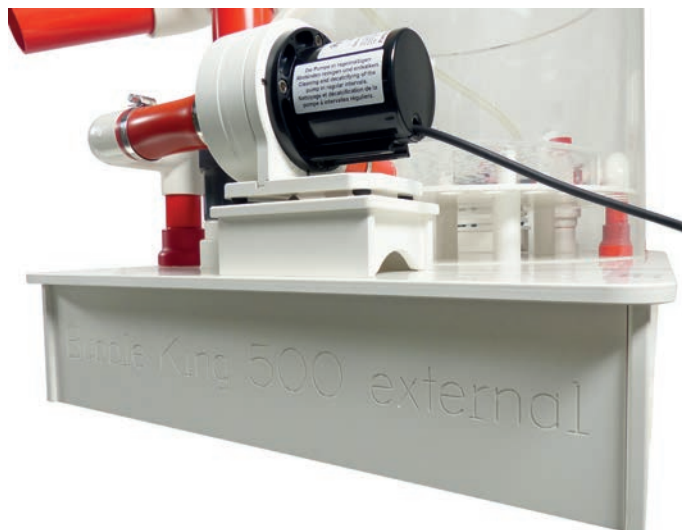
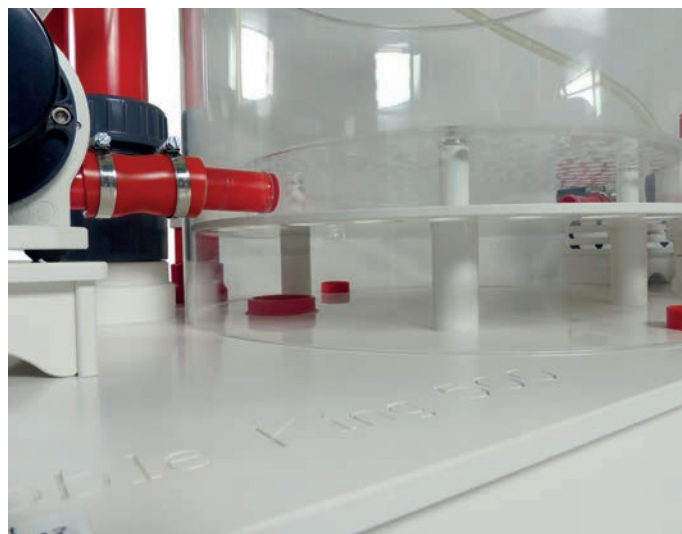
The entire skimmer cup can be unscrewed from the column tube. The required lift for this is approximately 30 mm. A rotating drain assembly is located in the bottom of the cup for discharging the absorbed material.

The power of the two DC skimmer pumps are adjustable. The skimmer and pump are connected on both the suction and pressure sides using silicone hoses. These silicone hose connections are secured with stainless steel (V4A) wide-band hose clamps. The 9 mm silicone hose connects the air intake between the pump and the resonator.

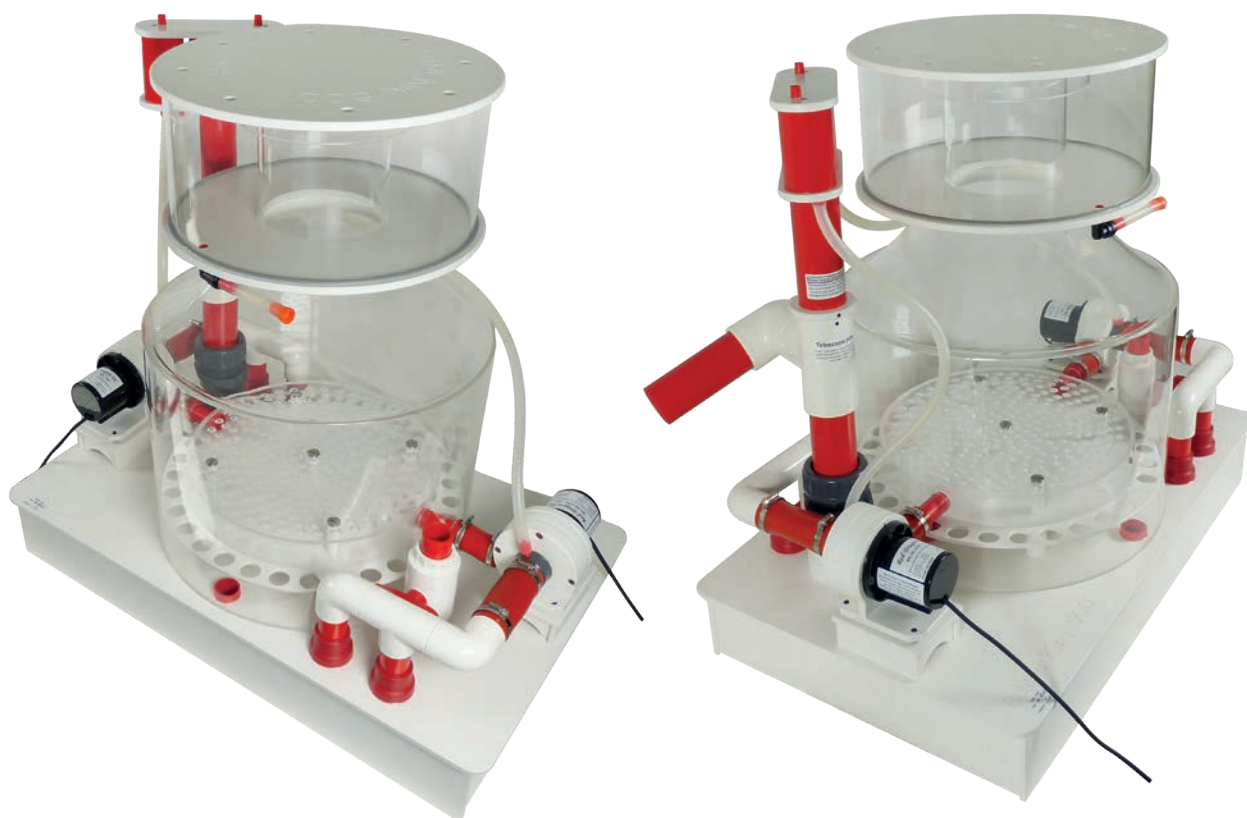
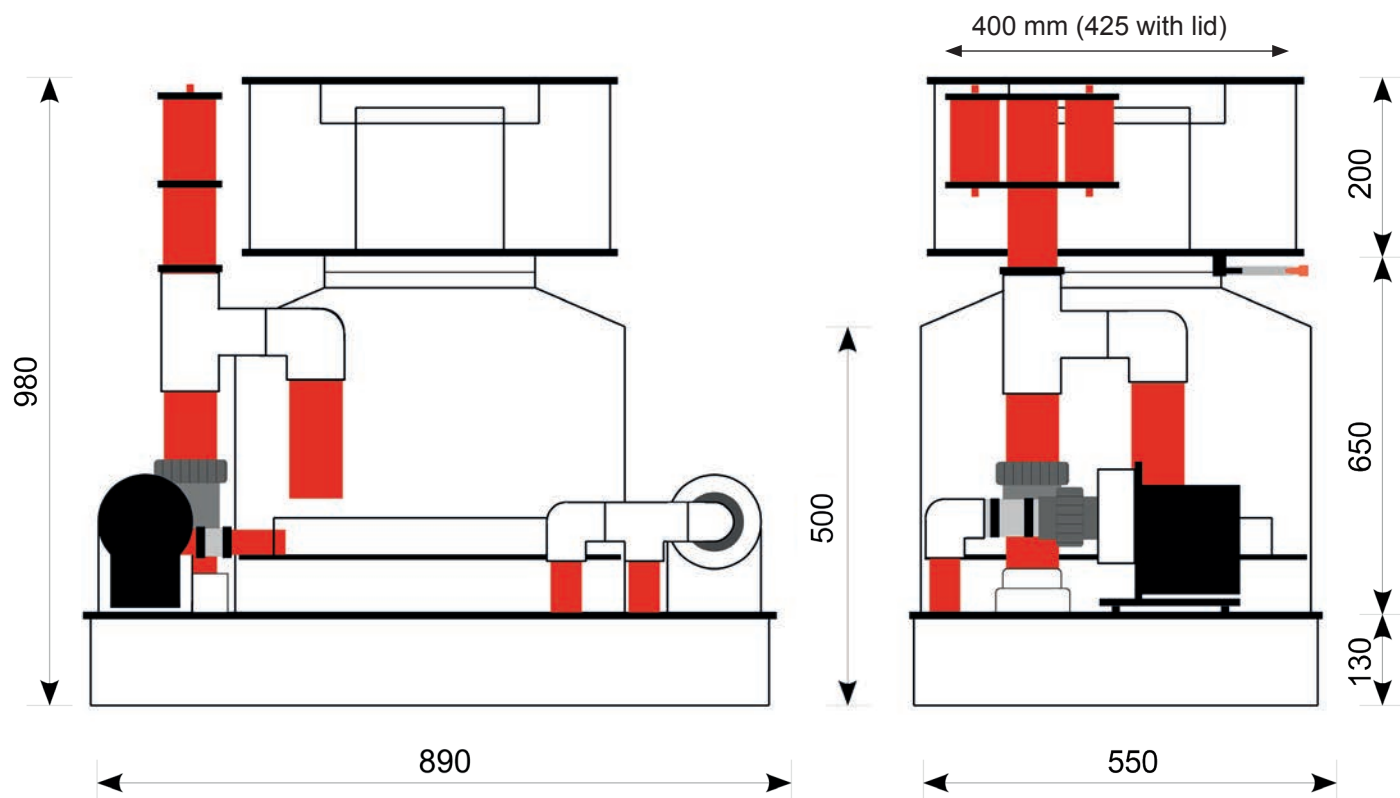
An additional booster pump is required to operate the skimmer and supply it with the water to be filtered. The connection port for this pump has a diameter of 40 mm. The required flow rate of the booster pump is between 2,000 and 5,000 l/h.

Important maintenance information!!!

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



Protein skimmer Bubble King® DeLuxe 500 external DC Product no.: 84



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Protein skimmer Bubble King® DeLuxe 500 external DC**Product no.: 84*****list of spare parts******product no.***

resonator double for Ø 63mm torque tube	294
silicon-outlet (cleanout)	298
lid complete with lever ring	316/14
cup with conus / stand pipe / cleanout	360/14
silicon O-ring 180x4,0mm for conus	433
silicon hose - Ø 30mm 50mm length	296-1
silicon hose - Ø 40mm 60mm length	296-2
V4A stainless hose band clip 25-40mm	197
V4A stainless hose band clip 32-50mm	198
torque tube Ø 63mm PVC red	347
titan screw for injection pan	183-7
silicon hose 9x3mm (price for one meter)	185
V4A screw 6 x 110mm for resonator / silencer	182-4
skimmer pump external BKDC24V with 67W 2.500 L/h complete	425/EX
part motor block Bubble King® DC 24V pump 67W 2.500 L/h	425-010
rotor complete Bubble King® DC 24V pump 67W 2.500 L/h	425-008
pump head Bubble King® DC 24V skimmer 67W 1.500 - 2.500 l/h	425-007
controller Bubble King® DC24V pump 67Watt	425-011
screws motor block Bubble King® DC24V Titan two pieces M6 x 16mm	425-001
screws for pump head 1 piece 6x50mm	183-5/15
power supply Bubble King® DC24V pump 67Watt	425-015
rubber feets 4 pieces	180
nozzle Bubble King® DC24V pump 67Watt 2500 l/h external	425-034
union nut 40mm PVC	176-40
O-ring for screw connection 40mm	174-40
silicon O-ring 90x2,5mm for Bubble King® DC24V pump 67W Rotor	425-005
silicon O-ring 70x3mm for pump head BKDC24V	169

For the list of spare parts for Red Dragon® 1 skimmer pump see separate document.

Downloadable on our website under Red Dragon® 1 skimmer pump.

accessories***product no.***

add on resonator Ø 63mm	999
PVC pipe clip Ø 63mm for wall and ceiling mounting	930-63
resonator - inlay	294-1
silicon grease tube 6g	030/6
silicon grease tube 25g	030/25

Protein skimmer Bubble King® DeLuxe 500 external DC Product no.: 84

Please replace the **x** with the appropriate number for the voltage of 110/230 Volt.

spare part



resonator double for
Ø 63mm torque tube
294

spare part



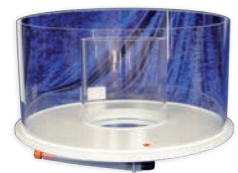
silicon-outlet (cleanout)
298

spare part



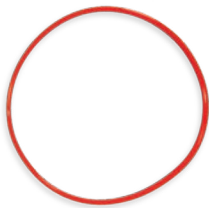
lid complete with lever ring
316/14

spare part



cup with conus / stand pipe
cleanout
360/14

spare part



silicon O-ring
180x4,0mm for conus
433

spare part



silicon hose - Ø 30mm
50mm length
296-1

spare part



silicon hose - Ø 40mm
60mm length
296-2

spare part



V4A stainless hose band
clip 25-40mm
197

spare part



V4A stainless hose band
clip 32-50mm
198

spare part



torque tube Ø 63mm PVC
347

spare part



titan screw
for injection pan
183-7

spare part



silicon hose 9x3mm
(price for one meter)
185

spare part



V4A screw 6 x 110mm for
resonator / silencer
182-4

spare part



skimmer pump external
BKDC24V complete
425/EX

spare part



motor block Bubble King
DC 24V pump 67W
425-010

spare part



rotor complete BK DC 24V
pump 67W 2.500 L/h
425-008

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Protein skimmer Bubble King® DeLuxe 500 external DC Product no.: 84

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spare part



pump head PVC white
BKDC24V 67W 2.500l/h
425-007

spare part



Controller Bubble King®
DC24V Pumpe 67Watt
425-011

spare part



V4A screws for pump head
4 pieces
182

spare part



titan screws for motor
block 2 pieces 6x22mm
425-001

spare part



power supply Bubble King
DC24V pump 67Watt
425-015

spare part



rubber feet 4 pieces
180

spare part



silicon O-ring 70x3,0mm
for rotor BKDC24V
170

spare part



silicon O-ring 90x2,5mm for
pump head BKDC24V
169

spare part



nozzle Bubble King DC24V
67W 2500 l/h external
425-034

spare part



O-ring for screw
connection 40mm
174-40

spare part



union nut 40mm PVC
176-40

accessories

accessories

accessories

accessories



add on resonator
Ø 63mm
999



PVC pipe clip Ø 63mm for
wall and ceiling mounting
930-63



resonator - inlay
294-1



silicon grease tube 6g
030-6

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Protein skimmer Bubble King® DeLuxe 500 external DC Product no.: 84

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