

Royal Exclusiv pumps & skimmers

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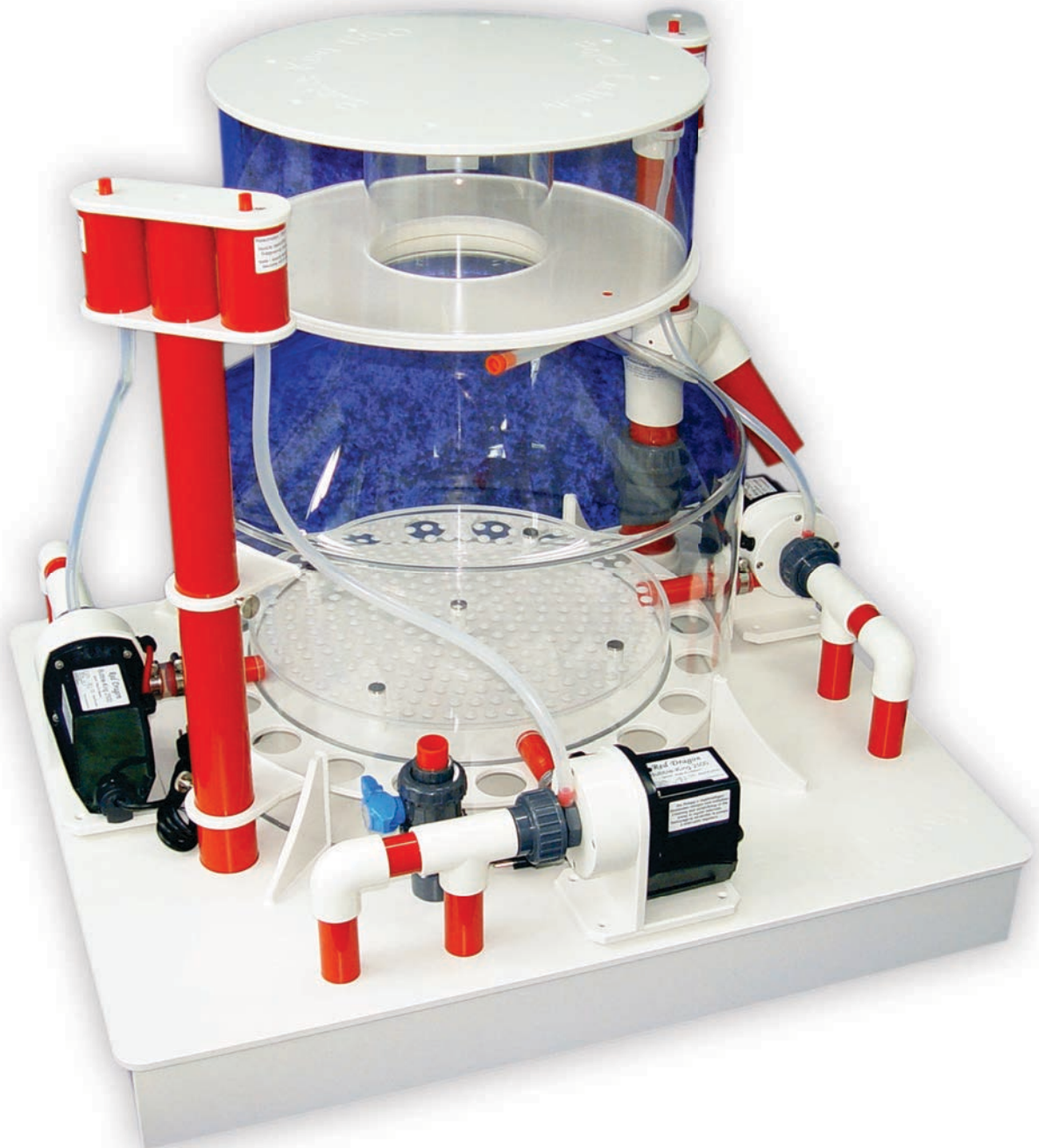
Since 1986



Data sheet and list of spare parts for Bubble King® DeLuxe 650
For all Bubble King® DeLuxe protein skimmer 650 external

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Data sheet for protein skimmer Bubble King® DeLuxe 650 external

Protein skimmer Bubble King® DeLuxe 650 external Product no.: 86 **7.526,40 €**
for aquariums from 4.000 ltr. up to 10.000 ltr.

*Skimmer-series Bubble King® DeLuxe for aquarium-grounds.
For external installation outside of filter-systems. For the demanding user.*

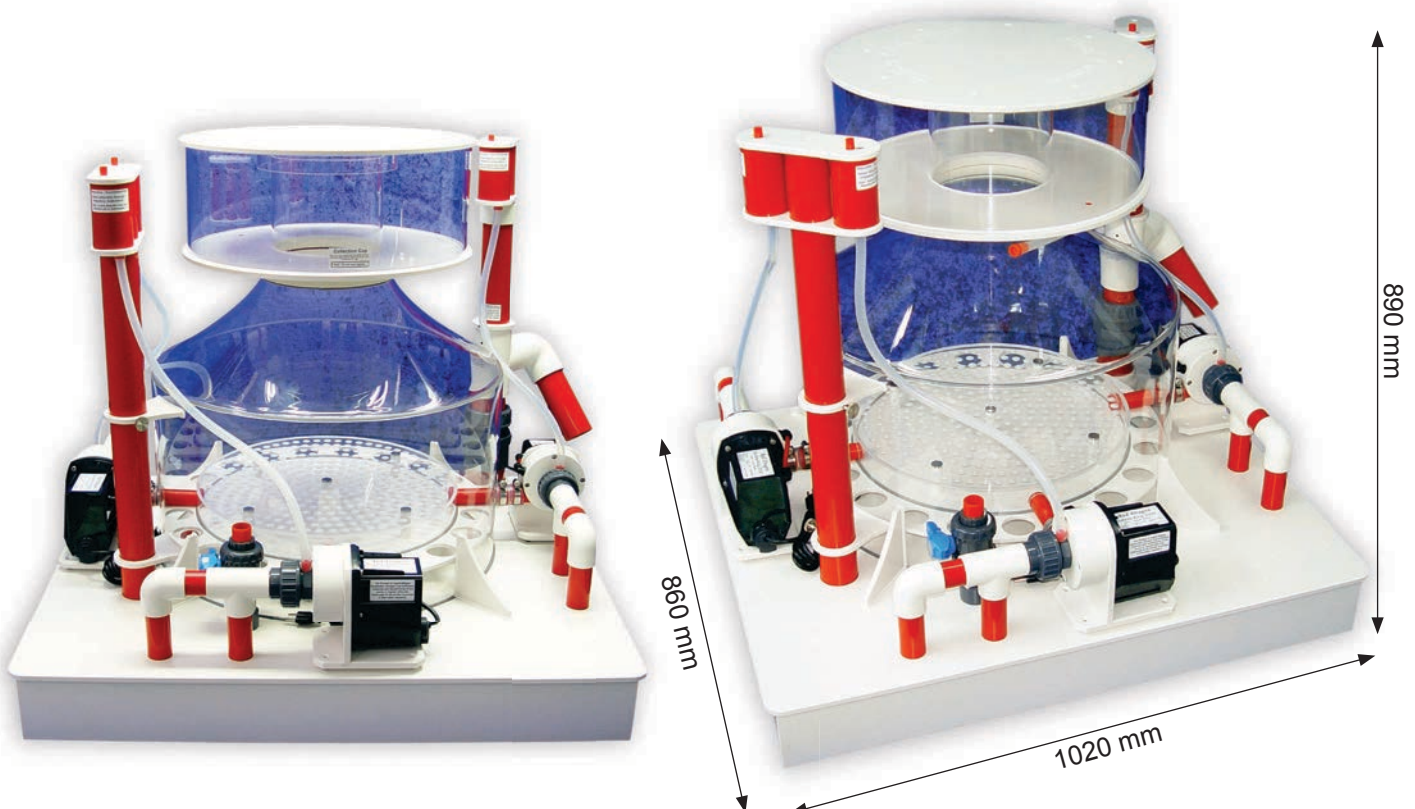
Technical data Bubble King® DeLuxe 650:

7.500 ltr./h Air - 9.000 ltr./h Water = 3 pumps Bubble King® 2500
with AKB- (anti-lime-bypass) for external use
Baseplate: 86 cm x 102 cm / height ~ 89 cm

Skimmer-pumps: Bubble King® 2500 with AKB (anti-lime-bypass)
Delivery rate: 7.500 l/h Air inlet ~ 9.000 l/h Water inlet
Wattage - active power: P = 195 Watt/h (all 3 pumps!)
Operating voltage: 230 Volt 50 Hz (also in 110V/60Hz available)
Protection class: IP 68
Connecting tube: 32 mm
Required performance of the drivers pump: 1.000 - 5.000 l/h
Weight skimmer: 65 kg with pumps / 35 kg without pumps



Dimension skimmer with pumps: 860 mm wide / 1020 mm length / ~ 890 mm height
Heigth silicon outlet (cleanout) ~ 690 mm



Protein skimmer Bubble King® DeLuxe 650 external Product no.: 86

Protein skimmer Bubble King® DeLuxe 650 for external filter assembly in aquariums of 4.000 l to 10.000 l.

The skimmer is equipped with three 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 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 simple silencer.

The perforated Plexiglas lid can be opened by loosening the five titanium screw.

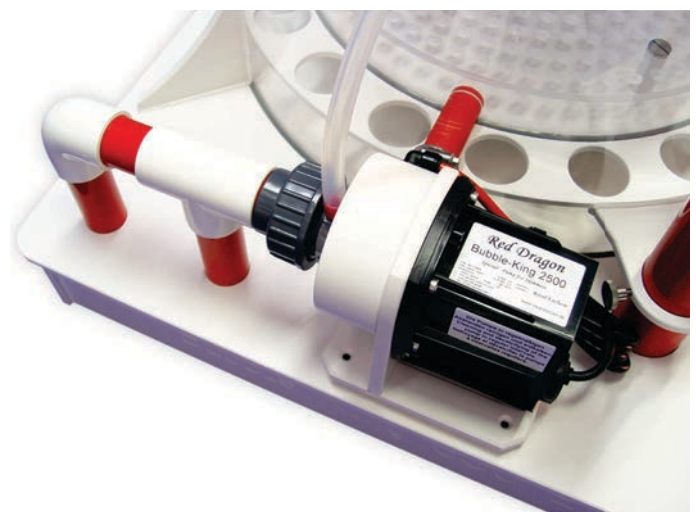
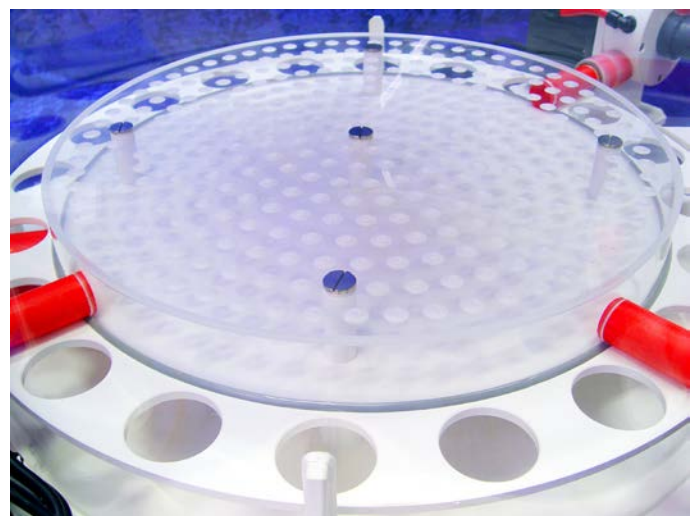
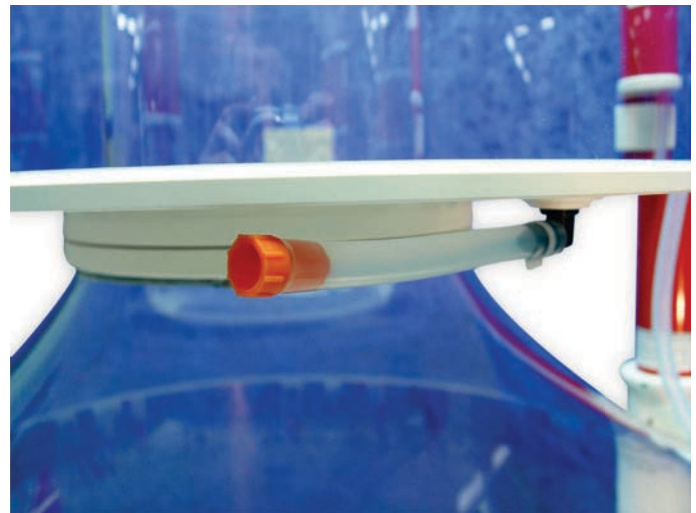
The complete skimmer cup can be unscrewed from the pillar tube. The lift height required for this is 30 mm. A pivotable tap is fitted to the bottom for draining off the absorbate.

The three skimmer pumps are equipped with a descaling bypass. The connection of skimmer and pump is done, suction- and pressure-side with silicone hoses. This silicone hose connections are with V4A broadband clamps (hose band clips) secured. The 9 mm silicone tube connects the air intake between pumps and resonator.

For the operation of the skimmer an additional driver pump is to connect, which supplies the foamer with the water to be filtered. The sockets provided for this purpose has a diameter of 32 mm. The required performance of the drivers pump is located between 1.000 – 5.000 l/h.

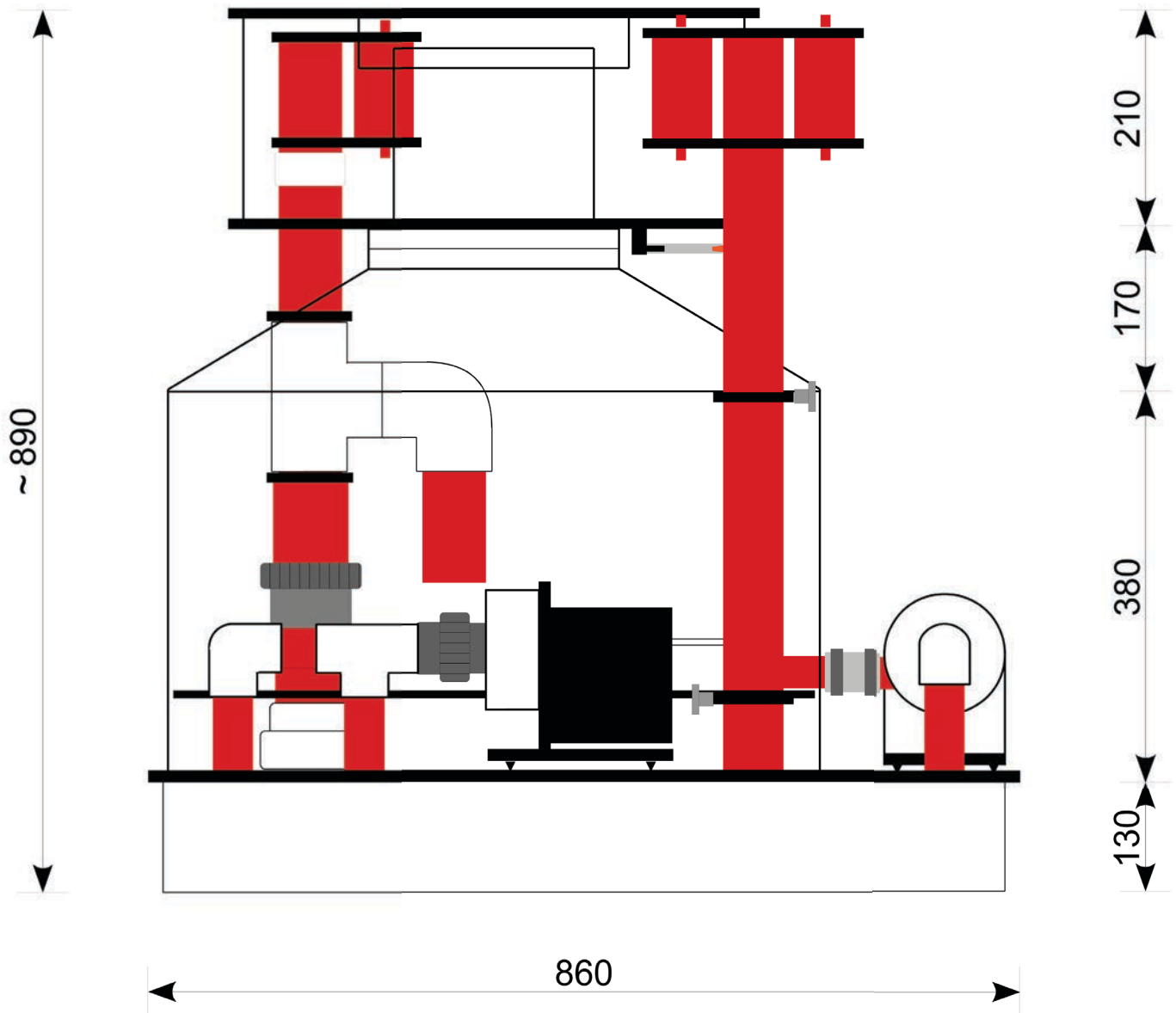
Important maintenance information!!!

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





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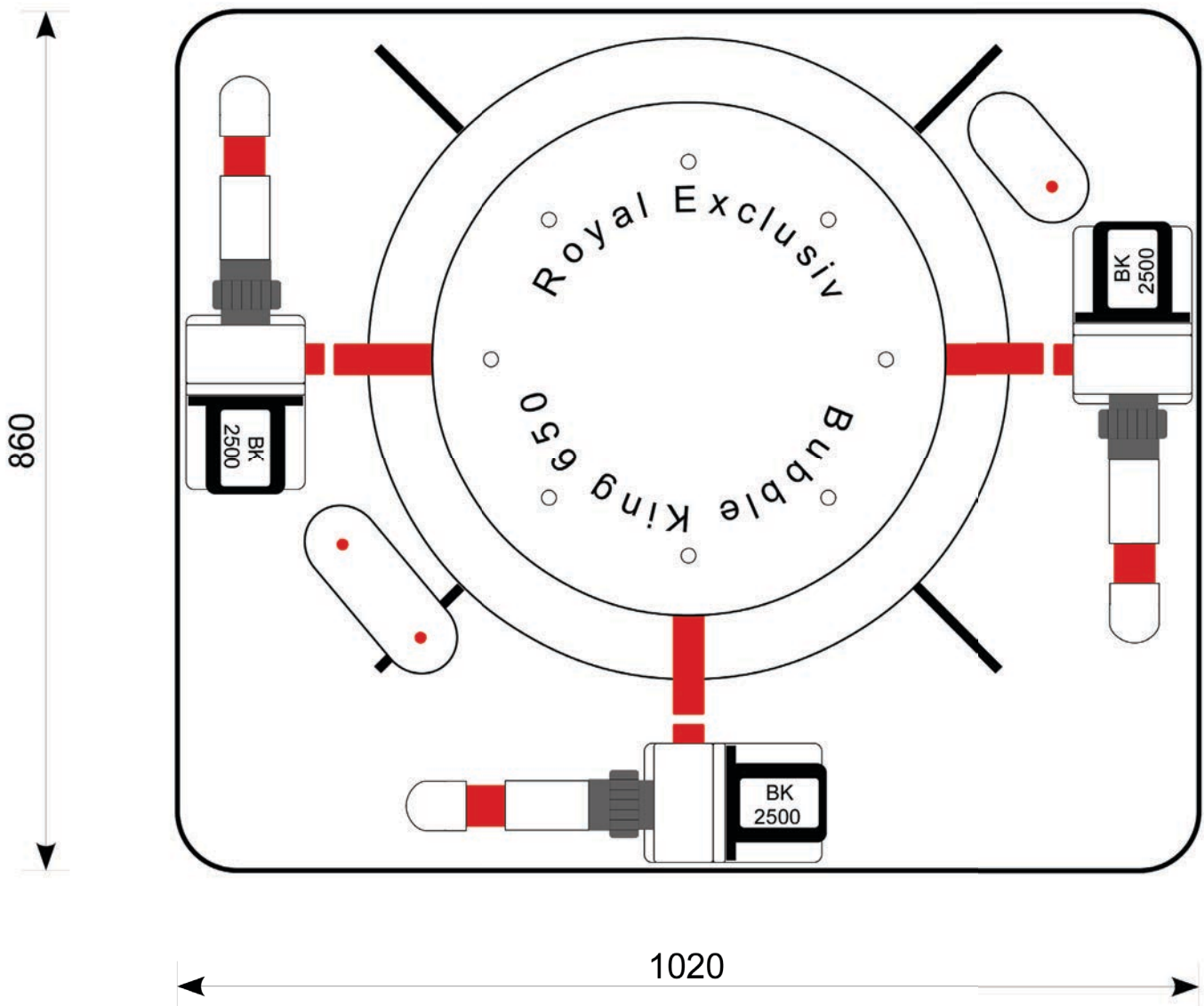


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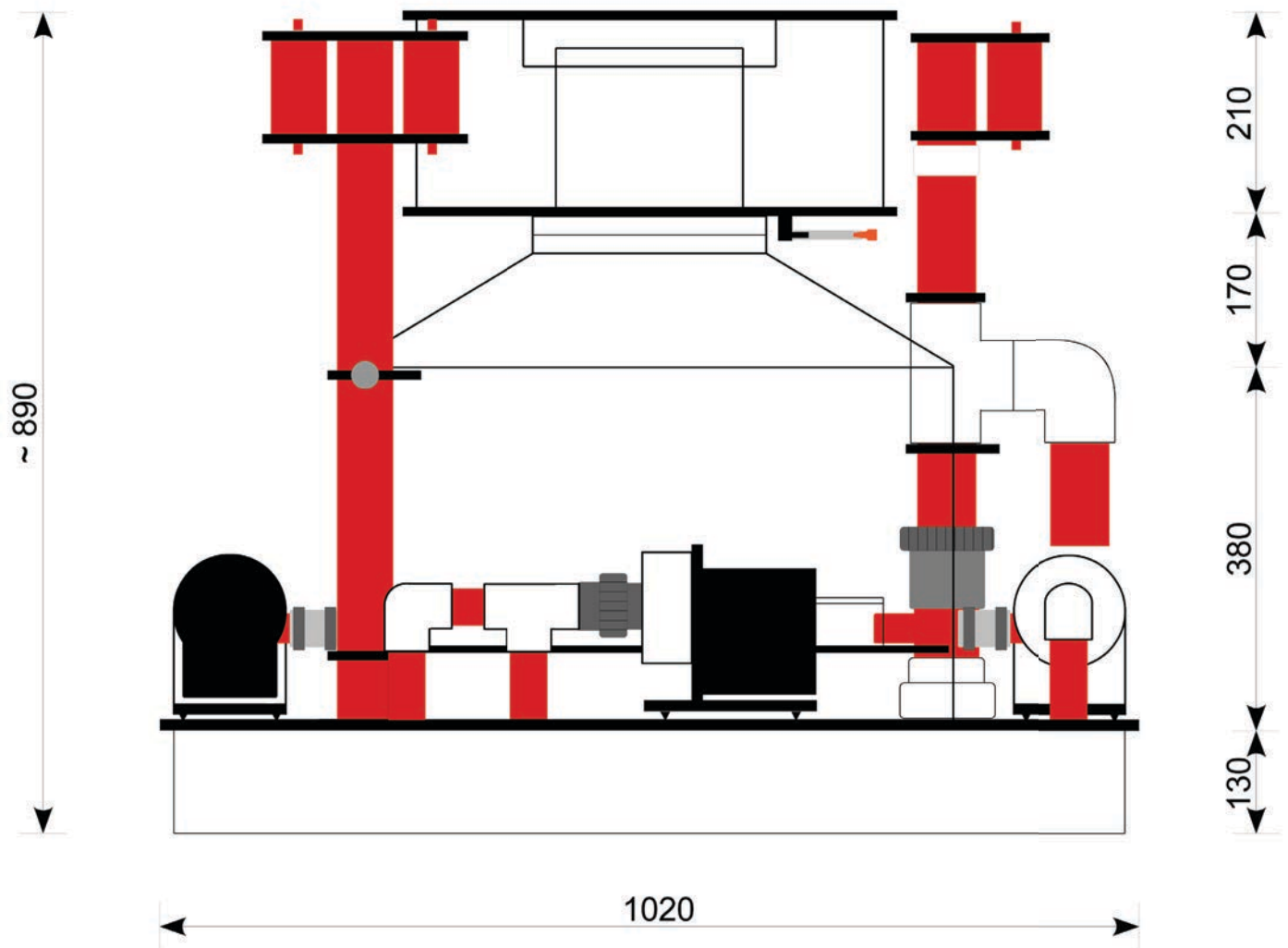


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<i>list of spare parts</i>	<i>product no. (110V)</i>	<i>(230V)</i>	<i>Price</i>
resonator single for Ø 63mm torque tube	293	293	51,45 €
resonator double for Ø 63mm torque tube	294	294	82,95 €
silicon-outlet (cleanout)	298	298	23,52 €
lid complete with lever ring	317/14	317/14	168,00 €
cup with conus / stand pipe / cleanout	361/14	361/14	520,80 €
silicon O-ring 180x4,0mm for conus	433	433	12,29 €
silicon hose - Ø 30mm 50mm length	296-1	296-1	8,40 €
V4A stainless hose band clip 25-40mm	197	197	8,19 €
titan screw for injection pan	183-7	183-7	10,40 €
titan knurled-head screw for adjusting torque tube	183-8	183-8	15,75 €
torque tube Ø 63mm PVC red	348	348	57,75 €
silicon hose 9x3mm (price for one meter)	185	185	19,42 €
skimmer pump external BK 2500 complete	114/1-3	114/2-3	782,25 €
part motor block BK 2500 mit AKB (Anti-Kalk-Bypass)	138/1-1	138/2-1	369,60 €
pump head PVC white with AKB (anti-lime-bypass)	254	254	218,40 €
rotor complete with metal shaft for BK 2500	125/1-4	125/2-4	231,00 €
carbon bearing with O-ring 1 piece	155	155	6,83 €
V4A screws for pump head 4 pieces	182	182	8,09 €
V4A screws for motor block 4 pieces 6x22mm	182-1	182-1	3,89 €
pump holder normal PVC white	148	148	99,75 €
rubber feets 4 pieces	180	180	4,20 €
AKB (anti-lime-bypass) hose Ø 8mm red	295	295	4,20 €
silicon O-ring 90x2,5mm for pump head BK2500	169	169	5,36 €
silicon O-ring 82x4,0mm for motor block BK2500	170	170	4,67 €
O-ring for screw connection 40mm	174-40	174-40	2,00 €
V4A screw 6 x 110mm for resonator / silencer	182-4	182-4	7,35 €





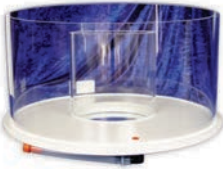











For the list of spare parts for Red Dragon® 3 skimmer pump see separate document.

Downloadable on our website under Red Dragon® 3 skimmer pump.

<i>accessories</i>	<i>product no. (110V)</i>	<i>(230V)</i>	<i>Price</i>
add on resonator Ø 63mm	999	999	33,60 €
PVC pipe clip Ø 63mm for wall and ceiling mounting	930-63	930-63	6,83 €
resonator - inlay	294-1	294-1	6,20 €
silicon grease tube 6g	030/6	030/6	2,63 €
silicon grease tube 25g	030/25	030/25	7,88 €

Protein skimmer Bubble King® DeLuxe 650 external **Product no.: 86**

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















<i>spare part</i>	<i>spare part</i>	<i>spare part</i>	<i>spare part</i>
			
resonator single for Ø 63mm torque tube 293	resonator double for Ø 63mm torque tube 294	silicon-outlet (cleanout) 298	lid complete with lever ring 317/14
<i>spare part</i>	<i>spare part</i>	<i>spare part</i>	<i>spare part</i>
			
cup with conus / stand pipe cleanout 361/14	silicon O-ring 180x4,0mm for conus 433	silicon hose - Ø 30mm 50mm length 296-1	V4A stainless hose band clip 25-40mm 197
<i>spare part</i>	<i>spare part</i>	<i>spare part</i>	<i>spare part</i>
			
titan screw for injection pan 183-7	titan knurled-head screw for adjusting torque tube 183-8	torque tube Ø 63mm PVC 348	silicon hose 9x3mm (price for one meter) 185
<i>spare part</i>	<i>spare part</i>	<i>spare part</i>	<i>spare part</i>
			
skimmer pump external BK 2500 complete 114/x-3	part motor block BK 2500 with AKB (anti-lime-bypass) 138/x	pump head PVC white with AKB (anti-lime-bypass) 254	rotor complete with metal shaft for BK 2500 125/x-4

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spare part	spare part	spare part	spare part
			
carbon bearing with O-ring 1 piece 155	V4A screws for pump head 4 pieces 182	V4A screws for motor block 4 pieces 6x22mm 182-1	pump holder normal PVC white 148
spare part	spare part	spare part	spare part
			
rubber feet 4 pieces 180	AKB (anti-lime-bypass) hose Ø 8mm red 295	silicon O-ring 82x4,0mm for motor block BK2500 170	silicon O-ring 90x2,5mm for pump head BK2500 169
spare part	spare part	accessories	accessories
		accessories	accessories
O-ring for screw connection 40mm 174-40	V4A screw 6 x 110mm for resonator / silencer 182-4	accessories	accessories
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

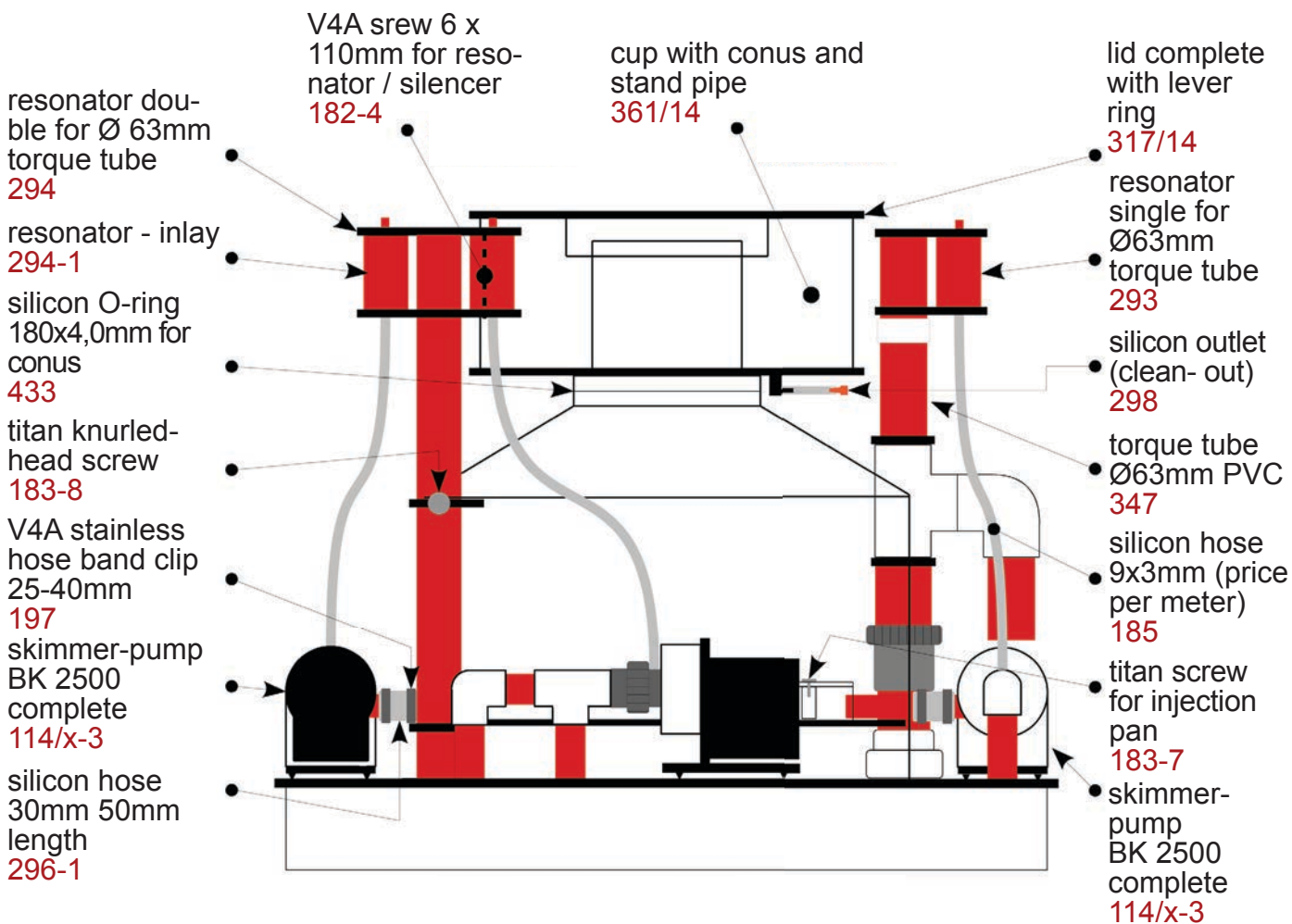
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