

Schematic diagram: in combination with OASE BioTec ScreenMatic²



BITRON C



*P. 310

UVC clarifiers with patented self cleaning and bypass technology

Bitron C 24 W



Bitron C 36 W / 55 W



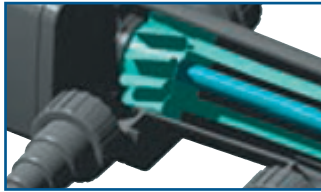
Bitron C 72 W / 110 W



PRO

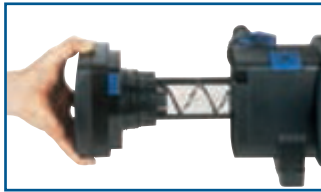
- Suitable for ponds up to 110 m³
- Elimination of suspended algae (green water)
- Reduction of harmful bacteria and pathogen levels
- Clever UVC function monitor, display for bulb change and water temperature
- Bypass technology enables optimal irradiation of the polluted water, even at high flow through rates
- Individual water flow adjustment for optimal adaptation to the connected filter pump
- Integrated magnets protect the UVC technology against limescale deposits
- Visual function check of the UVC bulb
- 100 %, VDE-certified safety; does not cause eye injuries
- Quick release technology for easy bulb replacement
- High-quality workmanship with impact resistant plastic housing
- Incl. high quality UVC bulb
- Including OASE Clear Water Guarantee*^{P.292} in conjunction with the OASE flow through filters, BioSmart, BioTec and ProfiClear

PRODUCT DETAILS



Automatic cleaning rotor

The automatic cleaning rotor is continuously guided around the quartz glass tube by the water flow and prevents debris from settling.



Closure technology

Quick-release fastener for easy opening of the bulb housing. When opening, a safety switch deactivates the UVC bulb to prevent eye injury.



Throttle handle

Easy adjustment of the water flow rate.



Inspection window

The function of the UVC bulb can be checked at any time through the inspection window.

Extras

Top product characteristics

- Clever bypass system combines high flow rates with duration of radiation
- Self cleaning thanks to patented cleaning rotor
- Highly effective against suspended algae, bacteria and germs

Recommendation

Do not forget to replace UVC bulbs regularly, ideally in the spring!

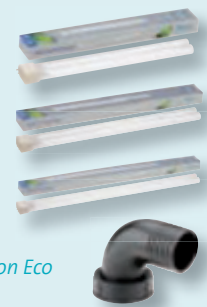
Accessories

Replacement bulb UVC 24 W
Item no. 56237 (page 155)

Replacement bulb UVC 36 W
Item no. 55432 (page 155)

Replacement bulb UVC 55 W
Item no. 56636 (page 155)

Connection elbow 2" / 90° Bitron
for Bitron C 36 W–110 W and Bitron Eco
Item no. 50540 (page 280)



TECHNICAL DATAS

		Bitron C 24 W	Bitron C 36 W	Bitron C 55 W	Bitron C 72 W	Bitron C 110 W
Dimensions (L x W x H)	mm	440 x 180 x 198	600 x 180 x 198		730 x 215 x 200	
Rated voltage		220 - 240 V / 50/60 Hz				
Power consumption	W	24	36	55	72	110
Power cable length	m	5.00				
Net weight	kg	3.50	3.97	4.03	6.44	6.50
Guarantee * P. 310	Years	2				
UVC power	W	24	36	55	72	110
Temperature display		No				
Bypass control		manually				
UVC operating hours meter		No				
Function check		Visual				
Number of inlets	EA	1				
Connection inlet	mm	25 / 32 / 38	19 / 25 / 32 / 38 / 50			
Connection inlet		1", 1 ¼", 1 ½"	¾", 1", 1 ¼", 1 ½", 2"			
Number of outlets	EA	2				
Connections, outlet	mm	25 / 32 / 38				
Connections, outlet		1", 1 ¼", 1 ½"				
Min. flow rate	l/h	4000	8000		12000	
Max. flow rate	l/h	15000	30000		40000	
Max. operating pressure	bar	0.5				1
Suitable for ponds up to max.	m³	25.0	40.0	60.0	75.0	110.0
Suitable for ponds with fish stock	m³	12.5	20.0	30.0	37.5	55.0
Suitable for ponds with koi ¹	m³	6.5	10.0	15.0	19.0	27.5
Connection to		BioSmart 18000/36000	BioSmart 18000/36000, BioTec ScreenMatic ² 40 - 60000		BioTec 30, BioTec ScreenMatic ² 90 - 140000, ProfiClear	
Item no. (GB-Version)		-				
Item no.		56804	56799	56823	56901	56902



¹ Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!