



Schematic diagram: UVC in combination with OASE BioTec ScreenMatic

BITRON C *P. 240

UVC clarifiers with patented self cleaning and bypass technology

Bitron C 24 W



Bitron C 36 W / 55 W



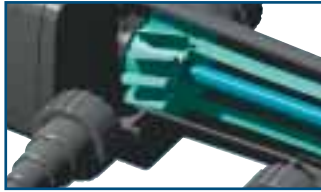
Bitron C 72 W / 110 W



PRO

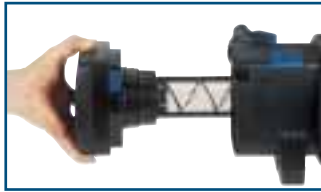
- Suitable for ponds up to 110 m³
- Elimination of suspended algae (green water)
- Reduction of harmful bacteria and pathogen levels
- UVC radiation is at its best at all times thanks to patented, autonomous bulb cleaning
- Bypass technology enables optimal irradiation of the polluted water, even at 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.240} 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 closure for easy opening of the bulb housing. A safety switch deactivates the UVC bulb automatically for protection against eye injury. New: With securing screw in accordance with current safety regulations



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 3 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 bulbs

UVC 24 W	Item no. 56237	(Page 222)
UVC 36 W	Item no. 55432	(Page 222)
UVC 55 W	Item no. 56636	(Page 222)
UVC 72 W	2 x Item no. 55432	(Page 222)
UVC 110 W	2 x Item no. 56636	(Page 222)

Connection elbow 2"/90° Bitron for Bitron C 36 W–110 W and Bitron Eco
Item no. 50540 (Page 223)



TECHNICAL DATA

		NEW	NEW	NEW	Matching filter systems on page 102, 110, 112, 120, 124	
		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	3.90	4.48	4.52	6.44	6.50
Guarantee*P.241	Years	2				
UVC power	W	24	36	55	72	110
Temperature display		No				
Bypass control		manually				
UVC operating hours meter		No				
Number of inlets	EA	1				
Connections, inlet	mm	25 / 32 / 38	19 / 25 / 32 / 38 / 50			
Connections, inlet		1", 1¼", 1½"	¾", 1", 1¼", 1½", 2"			
Number of outlets	EA	2				
Connections, outlet	mm	25 / 32 / 38				
Connections, outlet		1", 1¼", 1½"				
Min. flow rate	l/h	4000	8000	12000		
Max. flow rate	l/h	15000	30000	40000		
Max. operating pressure	bar	0.50			1.00	
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 12–18		ProfiClear, BioTec 30, BioTec SreenMatic 36	
Other		Visual function check				
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!