



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
Bitron C 110W	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bitron Gravity 55 W	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

BITRON C 110W

The Bitron 110 C effectively reduces algae and the number of pathogens and bacteria in the body of water and thus consistently ensures clear and healthy water.

Product characteristics at a glance

- 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

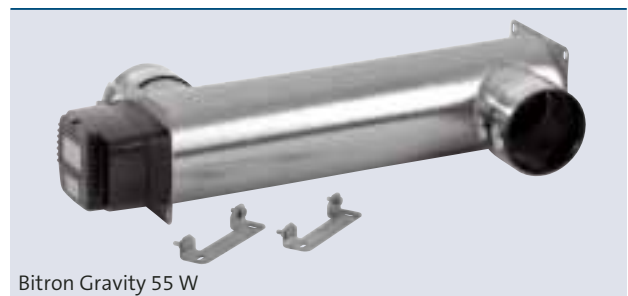


Bitron C 110W

BITRON GRAVITY 55 W

Product characteristics at a glance

- Suitable for ponds up to 70 m³
- Extremely effective elimination of algae and pathogenic bacteria (to 12.5 m³/h) – similar to an immersion UVC
- 100%, VDE-certified safety; does not cause eye injuries
- Energy efficient thanks to electronic ballast
- Unusually effective sterilisation, thanks to long water contact time in the Bitron
- Flow-optimised reactor design ensures direct and virtually loss-free UV radiation
- High quality V4A stainless steel housing for stability and good reflection rates
- Extremely easy installation with stainless steel connection elements
- Flexible connection before or after the ProfiClear filter system – also for other gravity fed applications
- In the event of pond enlargements or increase in koi stock, extension with additional Bitron Gravity UVC devices is possible at any time
- Visual function check
- Horizontal or vertical setup possible
- Incl. 2 x DN 110 quick release couplings, easy to install
- With the adapter set (18127) it is also suitable for pump fed operation



Bitron Gravity 55 W



Bitron Gravity can be optimally integrated in the ProfiClear Premium system.

Bitron 110 C

Clever bypass system combines high flow rates with optimal duration of radiation
 Permanent self-cleaning thanks to patented cleaning rotor

Recommendation

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

Accessories (must be ordered separately)



Replacement bulb for Bitron Gravity 55 W and Bitron 110 C	
1 bulb is required for complete configuration of Bitron Gravity 55 W	
2 bulbs are required for complete configuration of Bitron 110 C	
Order no.	56636

Bitron C 110W		
Dimensions (L x W x H)	[mm]	730 x 215 x 200
Rated voltage	[V/Hz]	220-240 / 50-60
Inlet stepped hose adapter	[inch]	¾, 1, 1 ¼, 1 ½, 2
Inlet stepped hose adapter	[mm]	19/25/32/38/50
Outlet (2 x)	[inch]	1, 1 ¼, 1 ½
Outlet (2 x)	[mm]	25/32/38
Visual function check		Indicator light
Connection to		ProfiClear module filter BioTec 30, ScreenMatic ² , Premium
Operating pressure max.	[bar]	1.0
Suitable pump capacity max.	[l/h]	40000
Power consumption	[W]	110
Flow-through UVC, without bypass	[l/h]	12000
Cable length	[m]	5.0
Order no.		56902

Bitron Gravity 55 W

Highly-efficient – perfect for gravity-fed filter systems

Unusually powerful, efficient UVC clarifier
 Extremely effective sterilisation thanks to well thought-out flow optimisation
 Extremely easy and flexible installation before or after the filter system

Bitron Gravity 55 W		
Dimensions (L x W x H)	[mm]	700 x 260 x 160
Rated voltage	[V/Hz]	220 – 240 / 50/60
Power consumption	[W]	55
Power cable length	[m]	5.00
Net weight	[kg]	6.98
UVC power	[W]	55
Number of inlets	[Unit]	1
Connections, inlet		DN 110
Number of outlets	[Unit]	1
Connections, outlet		DN 110
Max. operating pressure	[bar]	1.00
Pump capacity, max.	[l/h]	30000
Rec. flow rate (gravitation)	[l/h]	12500
Pump capacity, min.	[l/h]	5000
Suitable for ponds to max.	[m ³]	70.0
Suitable for ponds with fish stock	[m ³]	40.0
Suitable for ponds with koi*	[m ³]	25.0
Material		Plastic / stainless steel
Connection to		ProfiClear, AquaMax Eco Gravity
Type of use		Pump fed system, gravity fed system
Other		Visual function check
Order no.		50946