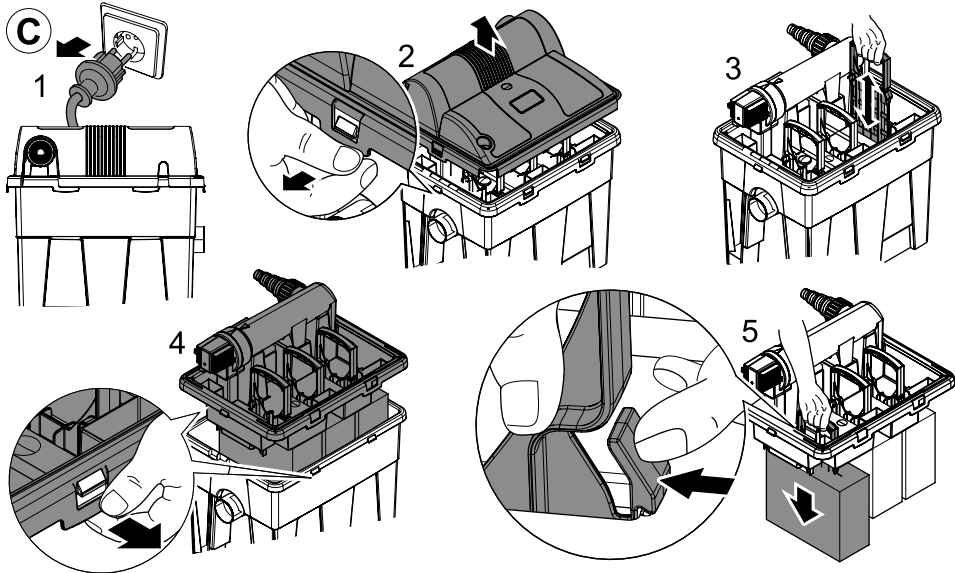
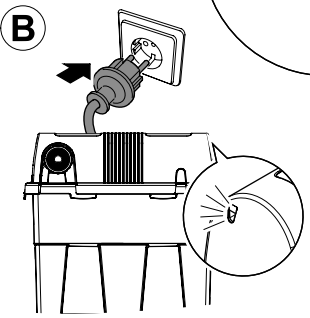
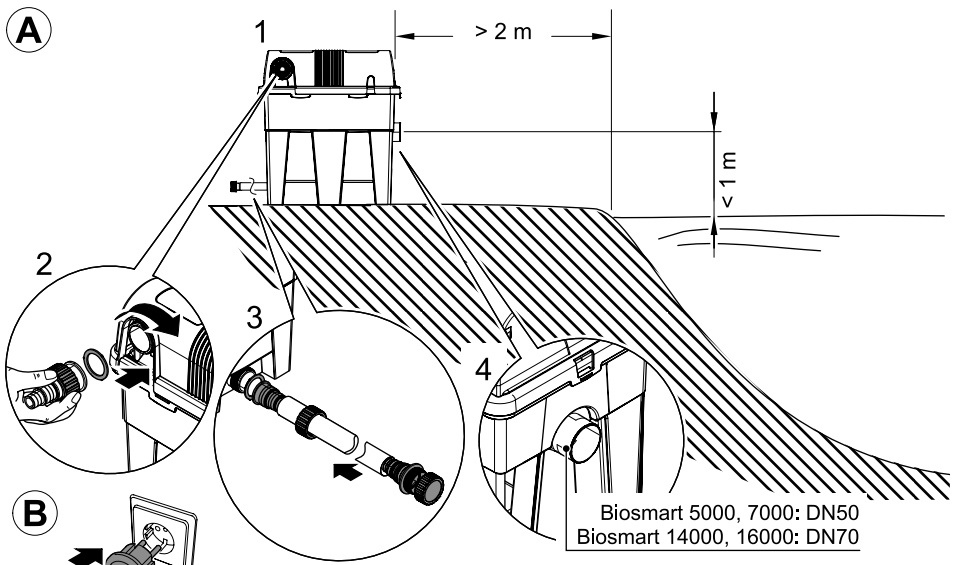




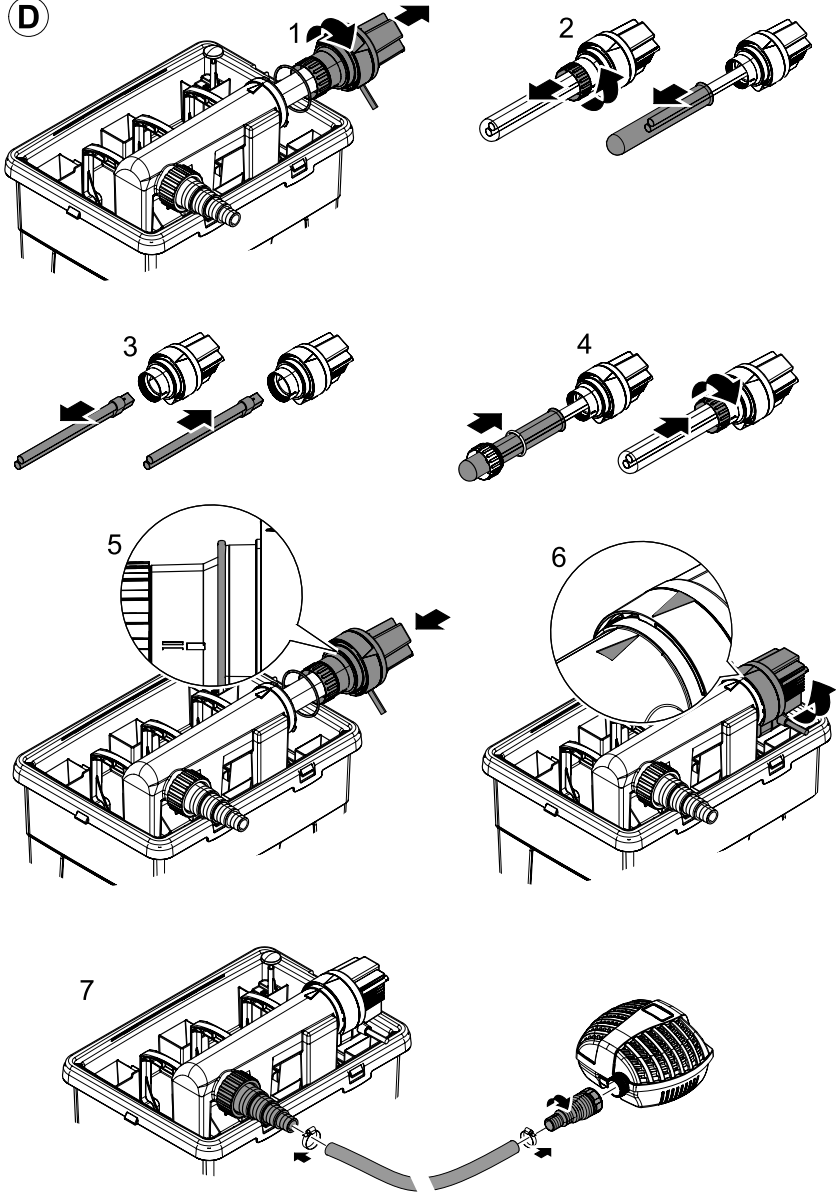
BioSMART 5000/7000/14000/16000

- DE Gebrauchsanleitung
- GB Operating instructions
- FR Notice d'emploi
- NL Gebruiksaanwijzing
- ES Instrucciones de uso
- PT Instruções de uso
- IT Istruzioni d'uso
- DK Brugsanvisning
- NO Bruksanvisning
- SE Bruksanvisning
- FI Käyttöohje
- HU Használati útmutató
- PL Instrukcja użytkowania
- CZ Návod k použití
- SK Návod na použitie
- SI Navodila za uporabo
- HR Uputa o upotrebi
- RO Instrucțiuni de folosință
- BG Упътване за употреба
- UA Посібник з експлуатації
- RU Руководство по эксплуатации
- CN 使用说明书





D



Translation of the original Operating Instructions

Information about these operating instructions

Welcome to OASE Living Water. You made a good choice with the purchase of the product **BioSmart 5000/7000/14000/16000**.

Prior to commissioning the unit, please read the instructions of use carefully and fully familiarise yourself with the unit. Ensure that all work with this unit is only carried out in accordance with these instructions.

Adhere to the safety information for the correct and safe use of the unit.

Keep these instructions in a safe place! Please also hand over the instructions when passing the unit on to a new owner.

Symbols

The symbols used in this operating manual have the following meanings:



Risk of injury to persons due to dangerous electrical voltage

This symbol indicates an imminent danger, which can lead to death or severe injuries if the appropriate measures are not taken.



Risk of injury to persons due to a general source of danger

This symbol indicates an imminent danger, which can lead to death or severe injuries if the appropriate measures are not taken.



Important information for trouble-free operation.

Intended use

BioSmart 5000/7000/14000/16000, in the following termed "unit", and all other parts from the delivery scope may be used exclusively as follows:

- For mechanical and biological cleaning of garden ponds
- Operation under observance of the technical data.

The UVC lamp installed in the unit is intended to kill algae and bacteria in the pond water. Even in small doses, its radiation is harmful for eyes and skin. Never use the UVC lamp in a defective housing or outside the housing, or any other purpose other than that intended.

The following restrictions apply to the unit:

- Never use the unit to convey fluids other than water.
- Never run the unit without water.
- Do not use for commercial or industrial purposes.
- Do not use in conjunction with chemicals, foodstuff, easily flammable or explosive substances.

Safety information

The company **OASE** has built this unit according to the state of the art and the valid safety regulations. Despite the above, hazards for persons and assets can emanate from this unit if it is used in an improper manner or not in accordance with its intended use, or if the safety instructions are ignored.

For safety reasons, children and young persons under 16 years of age as well as persons who cannot recognise possible danger or who are not familiar with these operating instructions, are not permitted to use the unit. Keep children under supervision to ensure that they do not play with the unit.

Hazards encountered by the combination of water and electricity

- The combination of water and electricity can lead to death or severe injury from electrocution, if the unit is incorrectly connected or misused.
- Prior to reaching into the water, always switch off the mains voltage to all units used in the water.

Correct electrical installation

- Electrical installations must meet the national regulations and may only be carried out by a qualified electrician.
- A person is regarded as a qualified electrician, if, due to his/her vocational education, knowledge and experience, he or she is capable of and authorised to judge and carry out the work commissioned to him/her. Working as a qualified person also includes the recognition of possible hazards and the adherence to the pertinent regional and national standards, rules and regulations.
- For your own safety, please consult a qualified electrician.
- The unit may only be connected when the electrical data of the unit and the power supply coincide. The unit data is to be found on the unit type plate or on the packaging, or in this manual.
- Ensure that the unit is fused for a rated fault current of max. 30 mA by means of a fault current protection device.
- Extension cables and power distributors (e.g. outlet strips) must be suitable for outdoor use.
- Minimum safety distance between the unit and the water: 2 m.

- Ensure that the power connection cable cross section is not smaller than that of the rubber sheath with the identification H05RN-F. Extension cables must meet DIN VDE 0620.
- Protect the plug connections from moisture.
- Only plug the unit into a correctly fitted socket.

Safe operation

- Never operate the unit if either the electrical cables or the housing are defective!
- Do not carry or pull the unit by its electrical cable.
- Route all cables such that damage is excluded and nobody can trip over them.
- Never open the unit housing or its attendant components, unless this is explicitly required in the operating instructions.
- Only use original spare parts and accessories for the unit.
- Never carry out technical modifications to the unit.
- Only have repairs carried out by customer service points authorised by OASE.
- The power connection cables cannot be replaced. When the cable is damaged, the unit or the component needs to be disposed of.
- Only operate the unit if no persons are in the water!
- The unit, the connections and plugs are not water-proof and must not be routed or installed in water.
- Keep the socket and power plug dry.
- Only operate the unit with the filter pump that is part of the scope of delivery.
- Ensure that the filter will not overflow. Danger of emptying the pond.

Installation



Attention! Dangerous electrical voltage.

Possible consequences: Death or severe injury.

Protective measures:

- Prior to reaching into the water, disconnect the power supply to all units used in the water.
- Disconnect the power plug prior to carrying out work on the unit.

Oase recommends hoses suitable for a minimum pressure of 0.5 bar.

Cut the stepped hose adapters such that the connection opening coincides with the hose diameter. This helps avoid pressure loss.

Ensure that the unit is placed at a flood protected place and on firm ground. Keep a minimum distance from the pond edge of 2 m. Ensure unrestricted access to the cover to be able to carry out work on the unit. (A1)

Push or turn the hose onto the stepped hose adapter, secure with the hose clip, then screw the stepped hose adapter on the water inlet (A2).

Ensure that the drain pipes for the water return (A4) are laid towards the pond with a suitable incline (>1 %). Oase recommends to return the clean water into the pond via a water course to additionally enrich the water with oxygen.

An optional adapter set is available for the cleaning outlet (A3). For this purpose, remove the cover cap from the cleaning outlet. Push the union nut over the hose, slide the stepped hose adapter without thread onto the hose end and secure with the hose clip. Connect the stepped hose adapter with union nut and flat seal to the cleaning outlet.

Push the stepped hose adapter with thread onto the other hose end, secure with the hose clip and screw on the cover cap including flat seal. Lay the hose with a suitable incline (>1 %) towards the sewage system or to a flower bed.

Start-up



Attention! Never operate the unit with a water pressure of more than 0.2 bar!



Attention! Never operate the unit without water or without a pump filter!



Note!

A safety switch prevents switching on the UVC lamp as long as the UVC water housing is removed.

- GB -

This is how to connect the power supply:

Switching on: Connect power plug to the socket. The unit switches on immediately when the power connection is established.

Switching off: Disconnect the power plug.

Check the correct seating of hoses and cover cap prior to starting up. Never operate the UVC clarifying unit without water.

Switch on the pump and wait until the filter housing is filled with water. Check all connections for leaks.

Connect the power plug of the UVC clarifying unit, the blue control lamp is lit (B). In the event of overheating, the temperature monitor switches the UVC clarifying unit off automatically, the UCF clarifying unit automatically switches on again once it has cooled down.

Note: After a new installation, the unit only reaches its full biological cleaning effect after a few weeks. The full effect on bacteria is only reached as from a water temperature of + 10 °C.

Maintenance and cleaning



Attention! Dangerous electrical voltage.

Possible consequences: Death or severe injury.

Protective measures:

- Prior to reaching into the water, disconnect the power supply to all units used in the water.
- Disconnect the power plug prior to carrying out work on the unit.



Attention! Ultra-violet radiation.

Possible consequences: Eye or skin injury from burns.

Protective measures:

- Never operate the UVC lamp outside its housing.
- Never operate the UVC lamp in a housing that is defective.



Attention! Breakable glass.

Possible consequences: Injury of your hands caused by cuts.

Protective measures: Handle both quartz glass and UVC lamp with care.

Adhere to the safety information given above! Check and clean the water outlet into the pond at regular intervals. Clean the filters at regular intervals (e.g. every four weeks), however, at the latest when cloudy or dirty water from the water outlet returns to the garden pond. Carry out quick cleaning first. Should this prove insufficient, clean the entire unit. Never use chemical cleaning agents.

Quick cleaning (C2, C3)

Open and remove the filter lid from the filter housing (C2). Pull the cleaning handles several times (C3). This causes the foam filters to compress and be mechanically cleaned. Open the cover cap at the cleaning outlet and drain the soiled water. Screw the cover cap back on again and start the unit up (see Start-up).

Complete cleaning (C2 – C5)

Open and remove the filter lid from the filter housing (C2). Unlock and remove the inner cover (C4). Press both engagement hooks at each of the foam filter holders sideward, then remove holders including foam filters (C5). Remove the foam filters from the holders and clean with clear water. Open the cover cap at the cleaning outlet and clean filter housing, inner lid and cover with water. Reassemble the filter in the reverse order. Arrange the foam filters in water flow direction: Coarse foam filters (blue) first, then fine foam filters (red). Screw the cover cap back on again and start the unit up (see Start-up).

Cleaning the UCV clarifying unit (D)

Open and remove the filter lid from the filter housing (C2). Turn the unit head of the UVC clarifying unit counter-clockwise against the stop, then carefully pull off (D1). Undo the clamping screw by turning counter-clockwise, and remove the quartz glass including the O ring forward with a slight turning movement (D2). Remove the O ring from the quartz glass, clean and check for damage. Clean the quartz glass outer face with a moist cloth and check for damage. Thoroughly clean the inner and outer surfaces of the housing. If necessary, replace the UVC lamp (D3).

Reassembly: Push the O ring against the collar of the quartz glass, press the quartz glass into the unit head against the stop, fit the clamping screw and hand-tighten (D4). Check the O ring at the unit head for damage, fit the O ring and push the unit head carefully into the housing while exerting light pressure (D5). Ensure that the tenons at the housing engage in the grooves of the bayonet closure. Turn the unit head clockwise up to the stop while applying slight pressure, so that the two arrows on the unit head and the housing meet (D6).

Changing the UVC lamp (D3)

For an optimum filter performance, we recommend to replace the UVC lamp after approx. 8000 operating hours.

Important! Only use lamps the designation and rating of which match the information on the type plate.

Pull out and replace the UVC lamp.

Storage/Over-wintering

Put the unit out of operation at water temperatures below 8 °C or, at the latest, when freezing temperatures are to be expected. Drain and thoroughly clean the unit, check for damage. Remove, clean, dry and store all filters in a frost-free environment. Ensure that the storage place is inaccessible to children. Cover the filter container such that the ingress of rain water is excluded. Drain all hoses, pipes and connections as far as possible.

Wear parts

The UVC lamp, the quartz glass and the foam filters are wear parts and are excluded from the warranty.

Disposal








Do not dispose of this unit with domestic waste! For disposal purposes, please use the return system provided. Disable the unit beforehand by cutting off the cables.

Only dispose of the UVC lamp by using the return system provided for this purpose.

Malfunctions

Malfunction	Cause	Remedy
The unit performance is not satisfactory	Unit has been in operation only for a short time	The complete biological cleaning effect is only achieved after several weeks
	Water extremely soiled	Remove algae and leaves from the pond, perform a partial water change
	Excessive fish and animal population	Guide value: approx. 60 cm fish length in 1 m ³ pond water
	Foam filters soiled	Clean filters
	Pump filter housing soiled	Clean pump filter housing
	Impeller unit blocked	Clean pump
	Quartz glass tube soiled	Remove UVC and clean quartz glass
UVC lamp display is not lit	UVC lamp capacity exhausted	Replace the lamp after approx. 8,000 operating hours
	Power supply of UVC not connected	Connect UVC power plug
	UVC lamp defective	Replacing the UVC lamp
	Connection defective	Check electrical connection
No water outlet from the pond inlet	UVC overheated	UVC automatically switches on when cooled down
	Pump power supply not connected	Connect pump power supply
	Pond inlet blocked	Clean pond inlet

	IP 24				p_{max} = 0,5 bar		
DE	Schutz gegen das Berühren von gefährlichen Teilen. Spritzwasser-geschützt	Achtung! Gefährliche UVC-Strahlung!	Vor direkter Sonneneinstrahlung schützen.	Bei Frost, das Gerät demontieren!	UVC-Vorläufergerät mit einem maximalen Druck von 0,5 bar betreiben.	Nicht mit normalem Hausmüll entsorgen!	Achtung! Lesen Sie die Gebrauchsanleitung
GB	Protection to prevent touching dangerous components. Splashing water protected.	Attention! Dangerous UVC radiation!	Protect from direct sun light.	Remove the unit at temperatures below zero (centigrade).	Operate the UVC clarifying unit at a maximum pressure of 0.5 bar.	Do not dispose of together with household waste!	Attention! Read the operating instructions.
FR	Protection contre le contact de pièces dangereuses. Protégé contre les projections d'eau	Attention ! Rayonnement UVC dangereux !	A protéger du rayonnement solaire direct.	Retirer l'appareil en cas de gel.	Utiliser l'appareil de préclarification à UVC avec une pression maximale de 0,5 bar.	Ne pas recycler dans les ordures ménagères !	Attention ! Lire la notice d'emploi
NL	Beveiliging tegen het aanraken van gevaarlijke delen. Spatwaterbescherm	Let op! Gevaarlijke UVC-straling!	Beschermen tegen rechtstreeks zonlicht.	Bij vorst het apparaat demonteren!	Gebruik het UVC-voorzuiningsapparaat met een maximale druk van 0,5 bar.	Niet bij het normale huisvuil doen!	Let op! Lees de gebruiksaanwijzing
ES	Protección contra contacto con las partes peligrosas. A prueba de salpicaduras	¡Atención! Radiación UVC peligrosa.	Proteja-se contra la radiación directa del sol	Desinstale el equipo en caso de heladas.	Opere el equipo preclarificador UVC con una presión máxima de 0,5 bar.	¡No deseches el equipo en la basura doméstica!	¡Atención! Lea las instrucciones de uso
PT	Proteção contra contacto com componentes perigosos. A prova de respingos de água	Atenção! Radiação UVC perigosa!	Proteger contra radiação solar directa.	Em caso de geada, desinstalar o aparelho!	Operar o aparelho de clarificação prévia UVC com uma pressão máxima de 0,5 bar.	Não deitar ao lixo doméstico!	Atenção! Leia as instruções de utilização
IT	Protezione contro il contatto con parti pericolose. Protetto contro gli spruzzi d'acqua	Attenzione! Pericolosa radiazione UVC!	Proteggere contro radiazione solare diretta.	In caso di gelo disinstallare l'apparecchio!	Far funzionare il predepuratore UVC con una pressione massima di 0,5 bar.	Non smaltire con normali rifiuti domestici!	Attenzione! Leggere le istruzioni d'uso!
DK	Beskyttelse mod berøring af farlige dele. Stenkvandbeskyttet	Fare! Farlig UVC-stråling!	Beskyt mod direkte solindstråling.	Ålmonter apparatet ved frostvejr!	UVC-forrensningen må højst anvendes med et tryk på 0,5 bar.	Må ikke bortskaffes med det almindelige husholdningsaffald!	OBS! Læs brugsanvisningen
NO	Beskyttelse mot berøring av farlige deler. Beskyttet mot vannsprut	NEI! Farlig UV-stråling!	Beskytt mot direkte solstråling.	Ved frost, demonter apparatet!	Bruk UVC-forrensere med et maksimalt trykk på 0,5 bar.	Ikke kast i alminnelig husholdningsavfall!	NEI! Les bruksanvisningen
SE	Skydd mot beröring av farliga delar. Droppått	Varning! Farlig UVC-strålning!	Skyddas mot direkt solstrålning.	Demontera apparaten innan första frosten!	Använd UVC-förreningen med ett maximalt tryck som uppgår till 0,5 bar.	Får inte kastas i hushållsopparn!	Varning! Läs igenom bruksanvisningen
FI	Vaarallisten osien kosketussuoja. Suojattu roiskevedellä	Huomio! Vaarallinen UVC-säteily!	Suojatava suoralla auringonvalolta.	Laitte on purettava ennen pakkasta.	Käytä UVC-esipuhdistuslaitetta enintään 0,5 barin paineella.	Ei saa hävittää tavallisen kotitalousjätteen mukana!	Huomio: Lue käyttöohje
HU	A veszélyes alkatrészek megérintése elleni védő. Vízpermetáló	Figyelem! Veszélyes UVC-sugárzás!	Óvni kell a közvetlen napsugárzástól.	Fagy esetén a készüléket le kell szerelni!	AZ UVC-előkezelő készülék maximum 0,5 bar nyomással működtesse.	A készüléket nem a normál háztartási szeméttel együtt kell megsemmisíteni!	Figyelem! Olvassa el a használati útmutatót
PL	Zabezpieczenie przed dotknięciem niebezpiecznych części. Odporny na spryskanie wodą	Uwaga! Niebezpieczne promieniowanie ultrafioletowe!	Chronić przed bezpośrednim działaniem promieni słonecznych.	W razie mrozu zdeinstalować urządzenie!	Urządzenie oczyszczające z lampą ultrafioletową użytkować pod ciśnieniem nie przekraczającym 0,5 bar.	Nie wyrzucać wraz ze śmieciem domowym!	Uwaga! Przezytać instrukcję użytkowania!
CZ	Ochrana proti dotyku nebezpečných častí. Ochrana proti stříkající vodě	Pozor! Nebezpečné ultrafialové záření.	Chraňt před přímým slunečním zářením.	Při mrazu přístroj odinstalovat!	Předfadyň přístroj UVC provozovat s maximálním tlakem 0,5 bar.	Nelikvidovat v normálním komunálním odpadu!	Pozor! Předčte Návod k použití!

IP 24



p_{max} = 0,5 bar



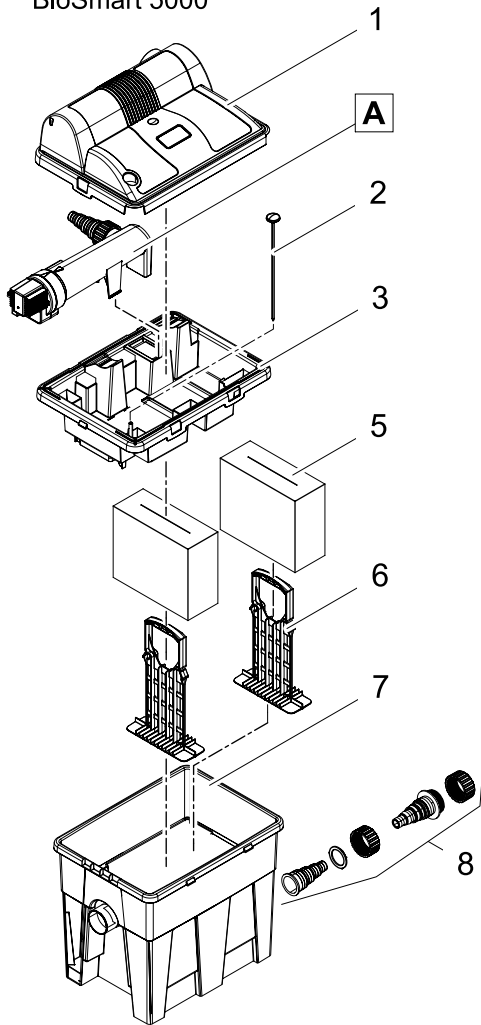
SK	Ochrana proti dotyku nebezpečných častí. Ochrana proti striekajúcej vode	Pozor! Nebezpečné ultrafialové žiarenie.	Chrániť pred priamym slnečným žiarením.	Pri mraze prístroj odinštalovať!	Predradný prístroj UVC prevádzkovať s maximálnym tlakom 0,5 bar.	Nelikvidovať v normálnom komunálnom odpade!	Pozor! Preadajte si Návod na použitie	
SI	Zašita pred dotikom nevarnih delov. Zašita pred brizgi vode	Pozor! Nevarno UVC-sevanje!	Pred direktnimi sonnimi - žarki- zašitate.	Ob zmrzali demontirajte napravol	UVC predhodna čistilna naprava sme delovati z najvišjim tlakom 0,5 bar.	Ne zavrzite skupaj z gospodinjiskimi odpadki!	Pozor! Preberite navodila za uporabo!	
HR	Zašita od dodira opasnih dijelova prisluga. Zaštiteno od prskanja vode	Pazi! Opasno UVC zračenje!	Zaštititi od izravnog- sunčevog zračenja.	U slučaju mraza deinstalirajte uređaj!	UVC-uređaj za prethodno čišćenje koristite do maksimalnog tlaka od 0,5 bara.	Nemojte ga bacati u običan kućni otpad!	Pazi! Pročitajte upute za upotrebu!	
RO	Proteje în cazul atingerii componentelor periculoase. Protecție contra stropirii	Atenție! Razații ultraviolete periculoase!	Protejați de gazele directe ale soarelui.	În perioadele cu îngheț deinstalați aparatul!	Operați aparatul de limpezire cu o presiune ultraviolete cu o presiune maximă de 0,5 bar.	Nu aruncați în gunoii menajer!	Atenție! Citiți instrucțiunile de utilizare!	
BG	Зашита срещу досег с опасни части. Зашита от напръскване с вода	Внимание! Опасно ултравиолетово лъчение!	Предпазвайте от директно попадане на слънчеви лъчи.	При опасност от измръзване деинсталирайте уреда!	Експлоатиране на UVC-уред за предварително пречистване с максимално налягане от 0,5 бара.	Не изхвърляйте заедно с обикновенния домакински боклук!	Внимание! Прочетете упътването	
UA	Захист від контакту з небезпечними деталями. Захищений від водяних бризг	Увага! Небезпечне ультрафіолетове випромінювання!	Охороняти від прямого сонячного випромінювання.	Перед морозами пристрій необхідно демонтувати	Прилад первинного очищення УФ-променями можна застосовувати при тискові максимум 0,5 бар.	Не викидайте разом із побутовим сміттям!	Увага! Читайте інструкцію.	
RU	Защита от соприкосновения с опасными частями. Защита от водяных брызг	Внимание! Опасное коротковолновое ультрафиолетовое излучение!	Защищать от прямого воздействия солнечных лучей.	При наступлении морозов прибор демонтировать!	Коротковолновое ультрафиолетовое устройство использовать при давлении максимум 0,5 бар.	Не утилизовать вместе с домашним мусором!	Внимание! Прочитайте инструкцию по использованию	
CN	防止接觸危險部件。防止噴水。	注意! 危險的紫外線照射!	防止陽光直射。	霜凍時，拆卸設備！	紫外線淨化裝置在最高0.5巴的壓力下運行。	不要同普通的家庭垃圾一起處理！	注意! 請閱讀使用說明書。	

Technische Daten

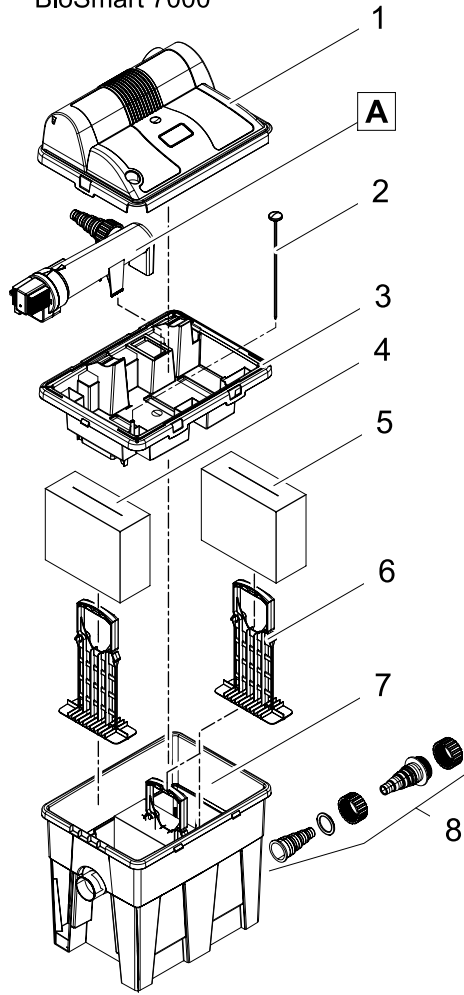
DE	Typ	Abmessungen	Bemessungs- spannung	Anschlüsse	Wasserauslass	Filter (blau)	Filter (rot)	Wasserdurchfluss	Leistungsaufname	Gewicht	Wassertemperatur	
GB	Type	Dimensions	Rated voltage	Connections	Water outlet	Filter (blue)	Filter (red)	Water flow	Power consumption	Weight	Water temperature	
FR	Type	Dimensions	Tension de mesure	Raccordements	Sortie d'eau	Filtre (bleu)	Filtre (rouge)	Débit d'eau	Puissance absorbée	Poids	Température de l'eau	
NL	Type	Afmetingen	Dimensioneringspanning	Aansluitingen	Wateruitlaat	Filter (blauw)	Filter (rood)	Doorstromend water	Vermogensopname	Gewicht	Watentemperatuur	
ES	Tipo	Dimensiones	Tensión asignada	Conexiones	Salida de agua	Filtro (azul)	Filtro (rojo)	Caudal de agua	Consumo de potencia	Peso	Temperatura del agua	
PT	Tipo	Dimensões	Voltagem considerada	Conexões	Saída de água	Filtro (azul)	Filtro (vermelho)	Caudal	Potência absorvida	Peso	Temperatura da água	
IT	Tipo	Dimensioni	Tensione di taratura	Allacciamenti	Scarico dell'acqua	Filtro (blu)	Filtro (rosso)	Flusso d'acqua	Potenza assorbita	Peso	Temperatura dell'acqua	
DK	Type	Dimensioner	Nominal spending	Tilslutninger	Vandudløb	Filter (blåt)	Filter (rødt)	Vandgennemstrømning	Effektforbrug	Vægt	Vandtemperatur	
NO	Type	Mål	Merkespending	Tilkoblinger	Vannutløp	Filter (blå)	Filter (rød)	Vanngjennomstrømning	Effektopptak	Vekt	Vanntemperatur	
SE	Type	Mått	övre märkspänning	Anslutningar	Vattenutlopp	Filter (blått)	Filter (rött)	Vattenflöde	Effekt	Vikt	Vattentemperatur	
FI	Tyyppi	Mitat	mitoitusjännite	Litännät	Veden poistoaukko	Suodatin (sininen)	Suodatin (punainen)	Veden läpivirtaus	Otoiteho	Paino	Veden lämpötila	
HU	Típus	Méreték	mért feszültség	Csatlakozók	Vízkivezetés	Szűrő (kék)	Szűrő (piros)	Vízátfolyás	Teljesítményfelvétel	Súly	Víz hőmérséklet	
PL	Typ	Wymiary	napięcie znamionowe	Przyłącza	Wylot wody	Filtr (niebieski)	Filtr (czerwony)	Przepływ wody	Pobór mocy	Ciężar	Temperatura wody	
CZ	Typ	Rozměry	domozvací napětí	Připojky	Výtok vody	Filtr (modrý)	Filtr (červený)	Průtok vody	Příkon	Hmotnost	Teplota vody	
SK	Typ	Rozmery	dimenzáčn napätie	Pripojky	Výtok vody	Filtre (modré)	Filtre (červené)	Priekok vody	Prikon	Hmotnosť	Teplota vody	
SI	Tip	Dimenzije	dimenzijska napetost	Priključki	Izpust vode	Filter (moder)	Filter (rdeč)	Vodni pretok	Poraba moči	Teža	Temperatura vode	
HR	Tip	Dimenzije	gornji nazivni napon	Priključki	Ispust vode	Plavi filtar	Crveni filtar	Protok vode	Potrošnja energije	Masa	Temperatura vode	
RO	Tip	Dimensiuni	tensiunea măsurată	Conexiuni	Evacuare apă	Filtru (albastru)	Filtru (roșu)	Debitul de apă	Puteje consumate	Masă	Temperatura apei	
BG	Тип	Размери	номинално напрежение	връзки/изходи	Изход за водата	Филтър (син)	Филтър (червен)	Воден дебит	Потребявана мощност	Тегло	Температурата на водата	
UA	Тип	Розміри	розрахункова напруга	Підключення	Випуск води	Фільтр (синій)	Фільтр (червоний)	Протік води	Споживання електроенергії	Вага	Температура води	
RU	Тип	Размеры	расчётное напряжение	Соединения	Выпуск воды	Филтёр (синий)	Филтёр (красный)	Проток воды	Потребление мощности	Вес	Температура воды	
CN	型号	尺寸	设计电压	接头	出水口	过滤器(蓝)	过滤器(红)	水流量	功耗	重量	水温	
Bio-Smart	5000	280 x 380 x 410 mm	~ 230 V, 50 Hz	G½" – G1½"	DN 50	1	1	≤ 2750 l/h	11 W TC-S (UVC 7)	3.4 kg	+4 ... +35 °C	
		7000			280 x 380 x 410 mm	DN 50	2	1	≤ 2750 l/h	12 W TC-S (UVC 9)		3.5 kg
		14000 16000			380 x 560 x 410 mm	DN 70	3	3	≤ 5500 l/h	14 W TC-S (UVC 11)		5.6 kg

BioSmart			
Pos.	5000	7000	14000 16000
1	29404	29404	29404
2	26970	26970	26970
3	34896	34897	25731
4	-----	35791	35791
5	35792	35792	35792
6	34899	34899	34899
7	25727	25727	25729
8	35204	35204	35204
9	-----	-----	29405
10	35790	35790	35790
11	36795	54984	56112
12	22622	22622	22622
13	12090	12090	12090
14	34900	34900	34900

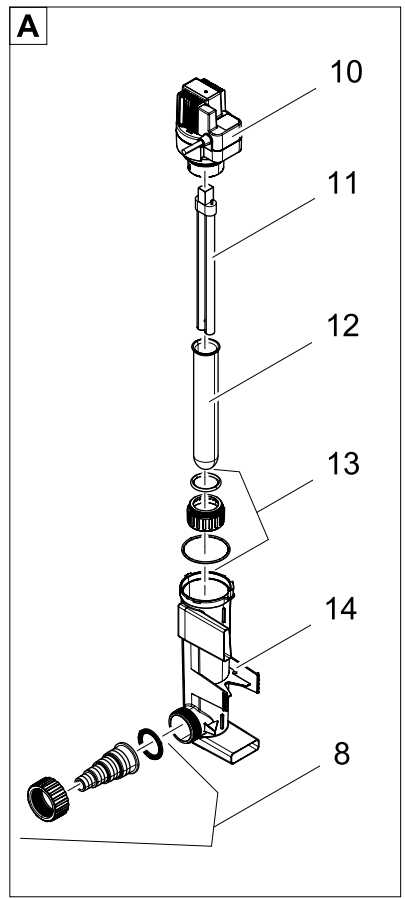
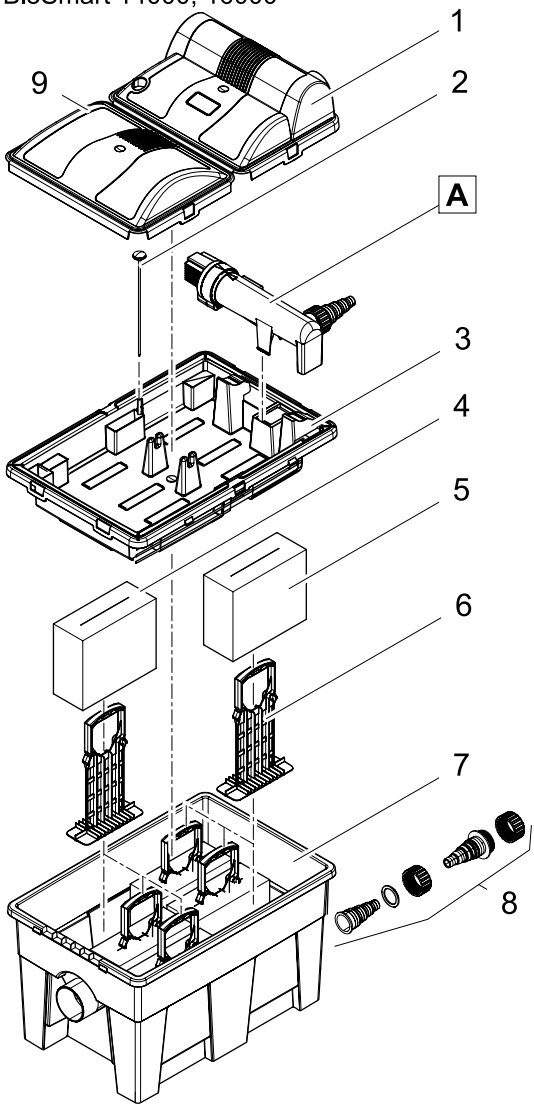
BioSmart 5000



BioSmart 7000



BioSmart 14000, 16000





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