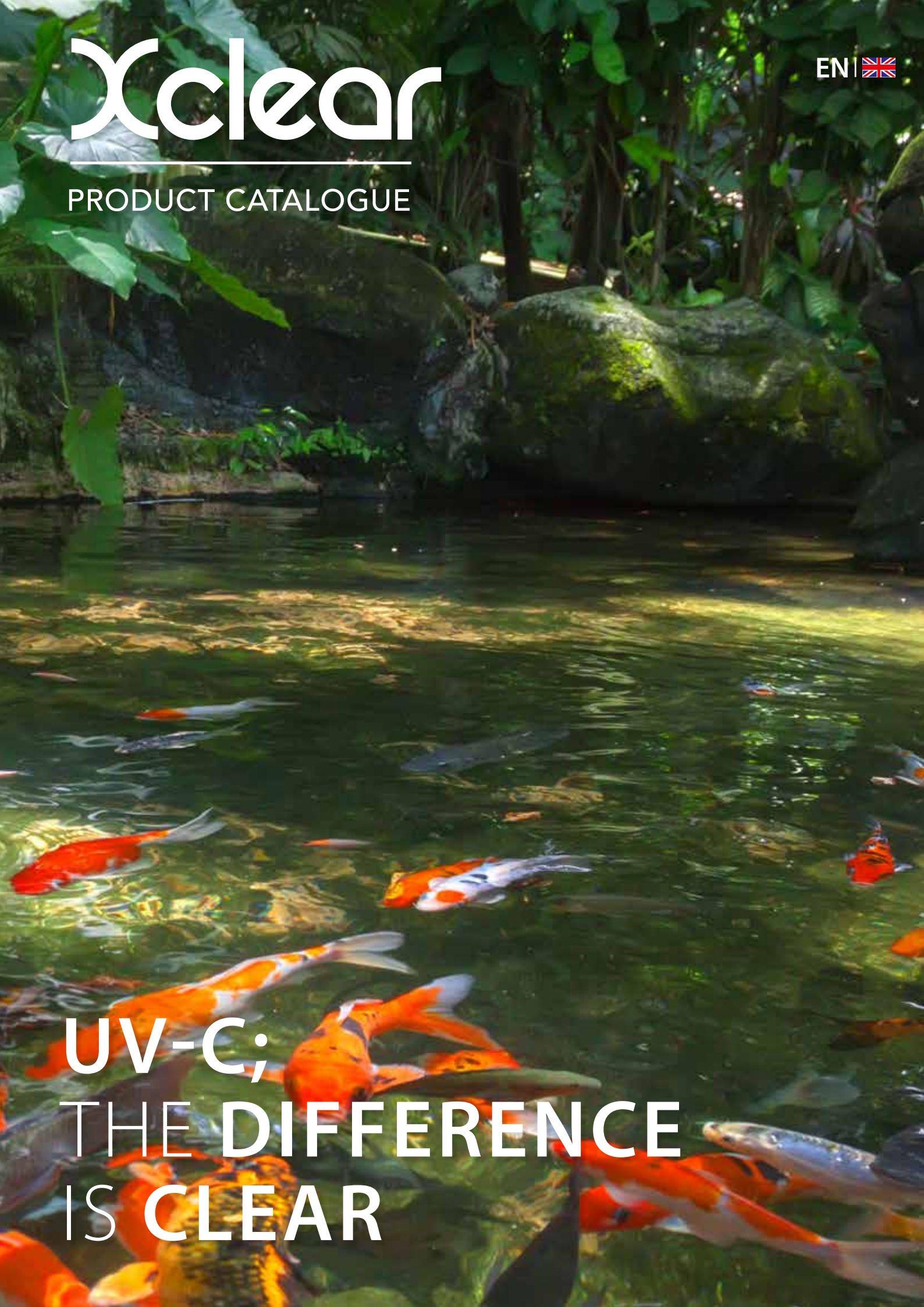

Xclear

PRODUCT CATALOGUE

EN

UV-C; THE DIFFERENCE IS CLEAR

Xclear

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About Xclear

WELCOME TO XCLEAR

A garden pond is a symbol of life. To ensure the flourishing of the flora and fauna within your pond, it is crucial to maintain the water in a perfect state of balance. This is where your filter technology becomes indispensable, requiring daily attention.

For those seeking optimal health and clarity for their pond water, look no further than Xclear UV-C disinfection systems and pond equipment. Xclear pond UV-C solutions provide the best means of keeping your pond water clean and transparent. Whether you have a professionally designed koi pond or a do-it-yourself project, Xclear offers a range of products suitable for any situation.

A VGE brand

Xclear is a registered trademark of VGE B.V., a company located in the southern region of the Netherlands. With more than four decades of experience since its establishment in 1982, VGE has developed high-quality and innovative products for ponds, pools, and industrial applications.

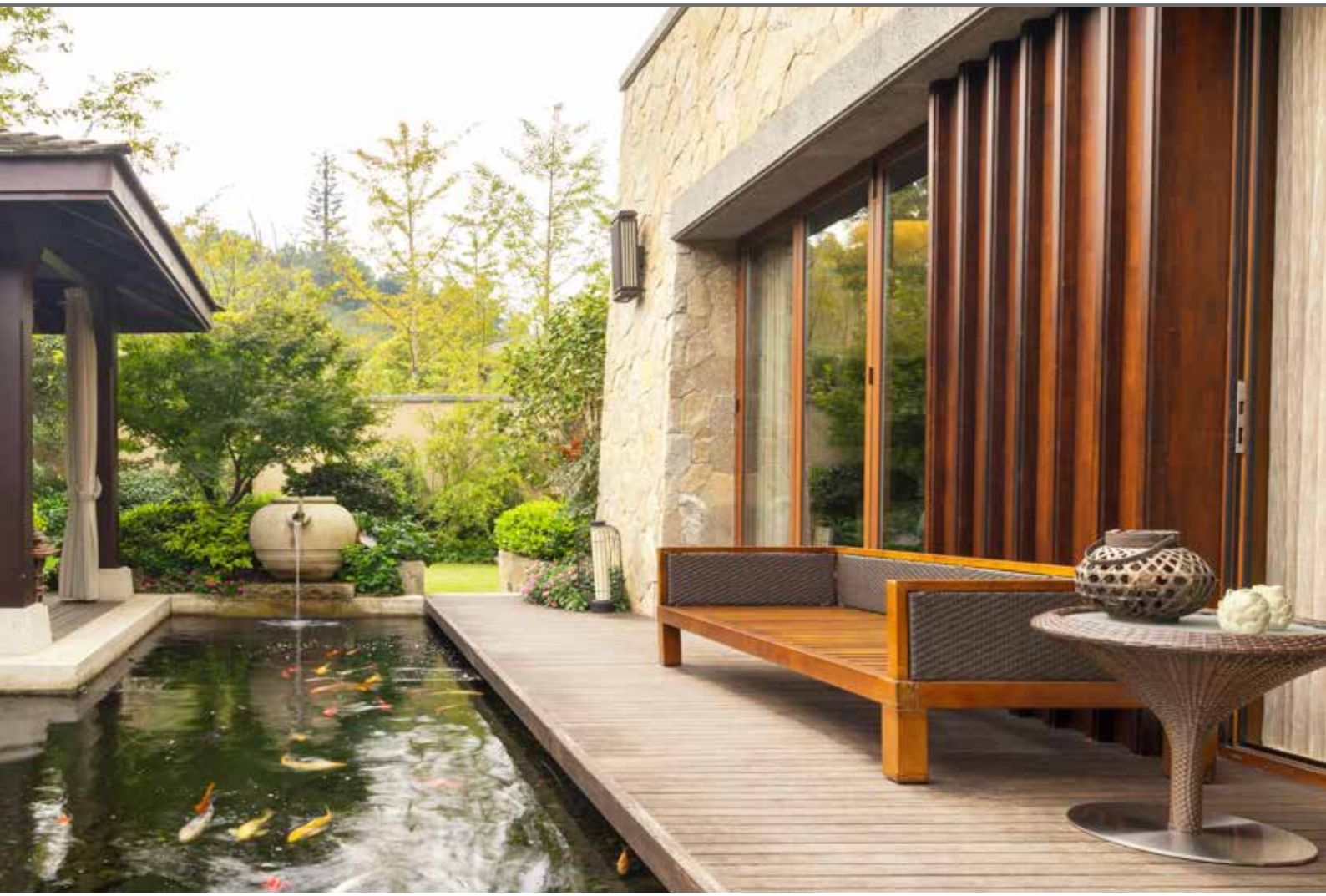
At the VGE headquarters, Xclear products are meticulously designed, manufactured, and assembled by a team of dedicated professionals. These experts maintain close communication with customers from over 80 countries worldwide.

Innovation and product development

VGE B.V. places great emphasis on innovation, maintaining its own product development department dedicated to introducing new products and enhancing existing ones. Innovative thinking is one of our core strengths, as we continually tailor our offerings to align with current pond trends and meet the diverse needs of our customers.

Private Label

The successful Xclear product range is also available for private labeling. To learn more about this opportunity, please get in touch with our sales department for detailed information.



Legenda

SALTWATER
Our special saltwater resistant UV housing is highly resistant to corrosive water and therefore very suitable for salt water applications.

STAINLESS STEEL HOUSING
A stainless steel interior provides a reflection of UV radiation and this increases the efficiency of the radiation by up to 35%. In addition, the stainless steel ensures a longer life of the housing.

ONLY POND PRO
The product is only intended for professional use. It should be installed in a professional application or assembled with other appliances.

Xclear UV-C - For every pond and aquaculture application

Xclear UV-C delivers a clear difference in every pond and water feature. Whether it's a professional koi pond or a do-it-yourself backyard oasis, Xclear products are engineered to provide exceptional water clarity and reliable performance for every type of pond installation.

Decorative Ponds

A decorative pond brings tranquility, movement, and color to any garden. To keep it healthy and clear, it's essential to maintain the right water balance. Even a well-maintained pond can suffer from suspended algae, bacteria, and pathogens.

Xclear UV-C systems tackle this problem at the source. By passing the water through a powerful UV-C lamp, harmful microorganisms are neutralized before they have a chance to multiply.

Advantages:

- Crystal-clear water for optimal visibility of fish and plants
- Cost-efficient: eliminates the need for additional chemical water treatments
- Promotes a healthy and balanced pond ecosystem
- Reduces maintenance requirements

Koi Ponds

The vibrant colors and graceful movements of koi truly shine in a clear and healthy pond environment. A cloudy pond not only diminishes their beauty but can also pose serious health risks.

Koi are particularly sensitive to bacteria, viruses, and parasites that can develop in pond water. Xclear UV-C systems prevent these microorganisms from gaining a foothold.

Advantages:

- Crystal-clear water that showcases the full colors and patterns of your koi
- Cost-efficient: eliminates the need for additional chemical water treatments
- Reduces pathogens, protecting the delicate skin and mucous layer of koi
- Clean, stable water reduces stress and strengthens immunity
- Environmentally friendly with no risk of overdosing

Natural Swimming Ponds

More and more people are choosing the natural beauty of a swimming pond – perfect for swimming and stunning to look at.

An Xclear UV-C unit effectively purifies swimming pond water by eliminating microorganisms such as bacteria, viruses, and algae. The result is crystal-clear water and a healthy pond ecosystem.

Advantages:

- Clear water: controls suspended algae for a sparkling, transparent pond
- Environmentally friendly, no risk of overdosing
- Healthy pond ecosystem: reduces harmful microorganisms, protecting fish and plants
- Reduced chemical use: minimizes the need for chemical water treatments to maintain water quality
- Controls resistant bacteria: eliminates bacteria that are insensitive to chlorine and other water treatments

Aquaculture

In professional aquaculture, water quality is crucial. Clear, clean water ensures healthy fish, optimal growth, and a stable ecosystem. Issues such as suspended algae, bacteria, and pathogens can quickly affect productivity and product quality. Xclear UV-C systems provide an effective and reliable solution to keep water continuously clean and healthy.

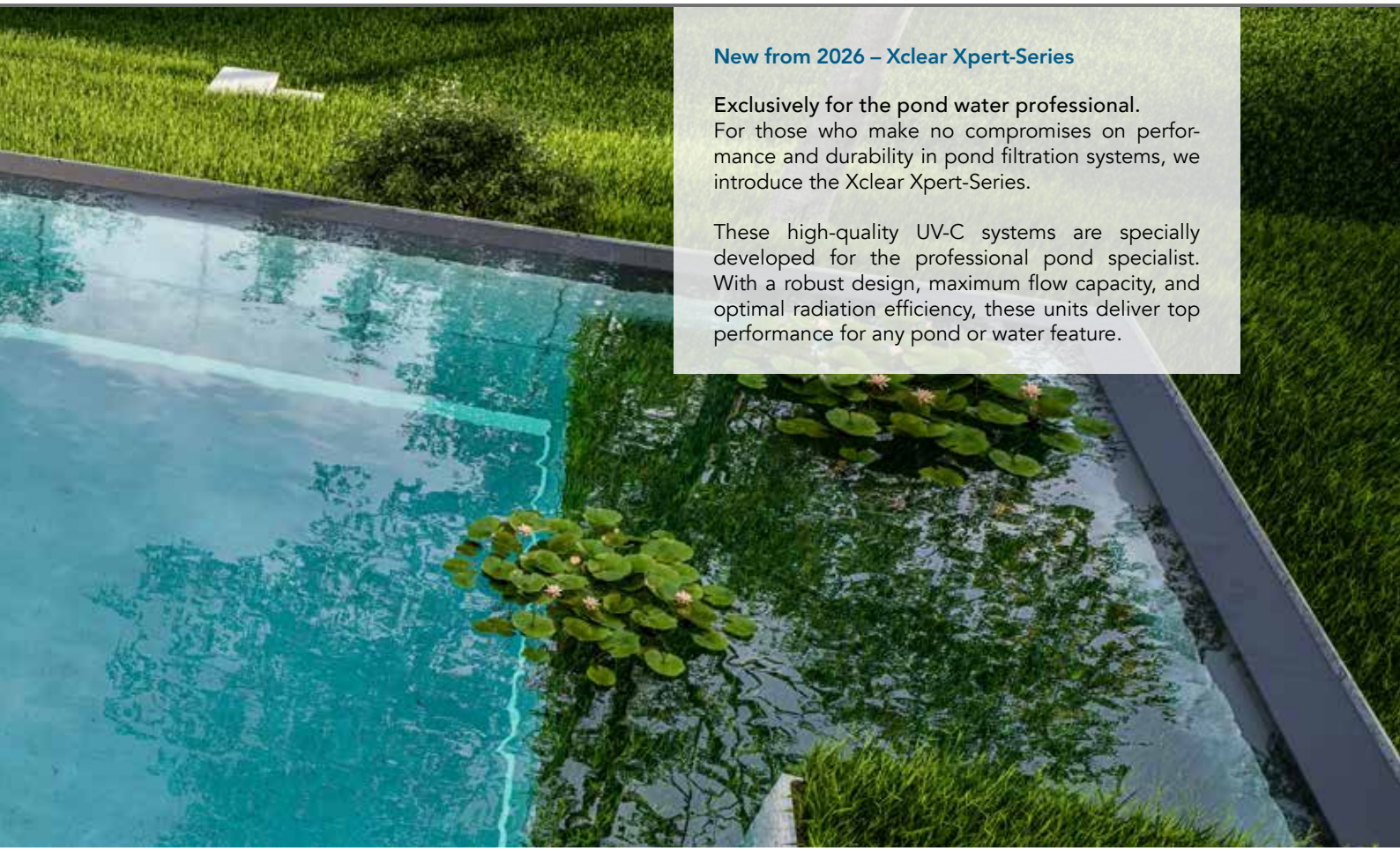
Advantages:

- Reduces bacteria and pathogens, preventing stress and mortality in fish
- Crystal-clear water for optimal visibility and monitoring of the fish environment
- Promotes fish vitality and growth to their full potential
- UV-C reduces the need for disinfectants, making it safe for both fish and the environment
- Continuous and effective operation, even under high stock densities

Xclear Xpert-Series **especially for pond professionals!**

HDPE

Buster



New from 2026 – Xclear Xpert-Series

Exclusively for the pond water professional.
For those who make no compromises on performance and durability in pond filtration systems, we introduce the Xclear Xpert-Series.

These high-quality UV-C systems are specially developed for the professional pond specialist. With a robust design, maximum flow capacity, and optimal radiation efficiency, these units deliver top performance for any pond or water feature.

Inox

Inox Immersion

Xclear Xpert HDPE UV-C

Electrics Signal

Electrics Tech

Advantages

Ideal option for challenging applications, such as those involving saltwater or chemically corrosive water. These compact but powerful reactors are built from the most durable materials on the market.

- Non Corrosive HDPE reactor (IP67)
- 40 W or 80 W amalgam UV-C lamp
- 16.000 hour lamp life
- Extremely compact design
- Max. operational pressure: 6 bar
- Max. Hydraulic capacity: 12 m^3/h
- Easy maintenance and fast lamp swaps without the need for tools

Technical Specifications

MADE IN THE NETHERLANDS

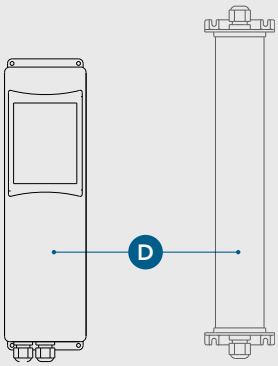
	40 W	80 W	40 W Signal	80 W Signal
Art. number	XP01403	XP01803	XP01404	XP01804
Type	40-75	80-75	40-75	80-75
EAN	871440404731	871440404733	8714404047326	8714404047340
Max. flow for 30 mJ/cm²	3 m³/h	6,5 m³/h	3 m³/h	6,5 m³/h
Max. pressure	6 bar	6 bar	6 bar	6 bar
Diameter unit Ø	75 mm	75 mm	75 mm	75 mm
Length unit	447 mm	692 mm	447 mm	692 mm
Diameter in-outlet Ø	1½"	1½"	1½"	1½"
Housing material	HDPE	HDPE	HDPE	HDPE
Operating environment ballast temperature	1-40 °C	1-40 °C	1-40 °C	1-40 °C
Lifespan lamp	16.000 hours	16.000 hours	16.000 hours	16.000 hours
Timer	No	No	No	No
Flow switch	No	No	No	No

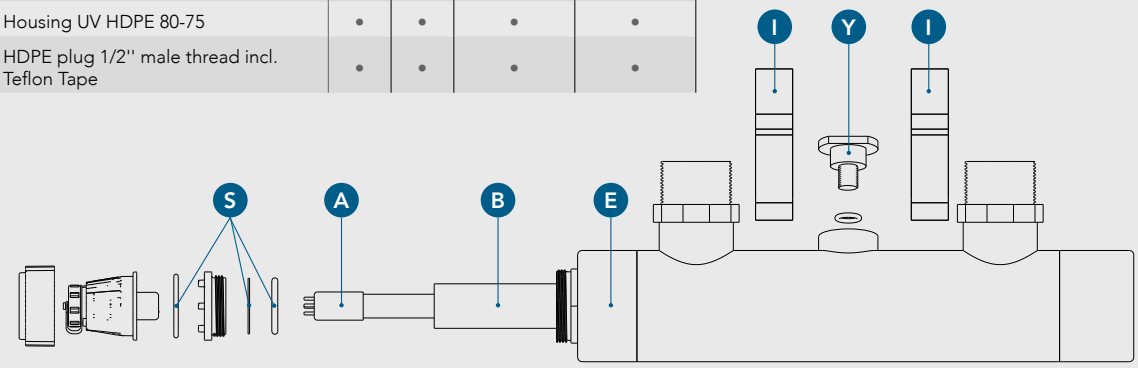
PRO ONLY

SALT-WATER

Spare parts

		Available for:	40 W	80 W	40 W Signal	80 W Signal
A	4800070AM	Lamp VGE Lighttech T5 40 W Amalgam Base C AM Packed	•		•	
	4800082AM	Lamp VGE Lighttech T5 80 W Amalgam Base C AM Packed		•		•
B	QG173	Quartz Glass SUT 375x30 mm AM	•		•	
	QG174	Quartz Glass SUT 620x30 mm AM		•		•
D	EP080035	Electrics for Xclear HDPE UVC 40/80 W Amalgam Tech	•	•		
D	EP080036	Electrics for Xclear HDPE UVC 40/80 W Amalgam Signal			•	•
S	SP0113	Seal Service Set SUT	•	•	•	•
I	E801107	Mounting bracket 75 mm PP black	•	•	•	•
E	VH00800752H	Housing UV HDPE 80-75	•	•	•	•
Y	B212275	HDPE plug 1/2'' male thread incl. Teflon Tape	•	•	•	•





Xclear Xpert Buster UV-C

Vertically mouting option

Electrics 80 / 140 W

Electrics 420 W

Advantages

Professional-grade UV-C unit designed to handle higher water flows for efficient treatment of large pond volumes.

- Flexible installation: can be mounted horizontally or vertically
- Large chamber ensures long UV exposure time for cleaner and healthier water
- Intelligent design optimizes water flow for maximum efficiency
- Advanced electronic ballast with status indicator for lamp replacement
- Robust, corrosion-resistant 316L stainless steel housing for durability and extended lifespan
- Available in multiple power configurations to suit different pond sizes
- Transparent lamp head allows easy visual inspection of operation
- 420 W model features an “in-body flow switch” for enhanced safety and reliability

Technical Specifications

MADE IN THE NETHERLANDS

PRO ONLY

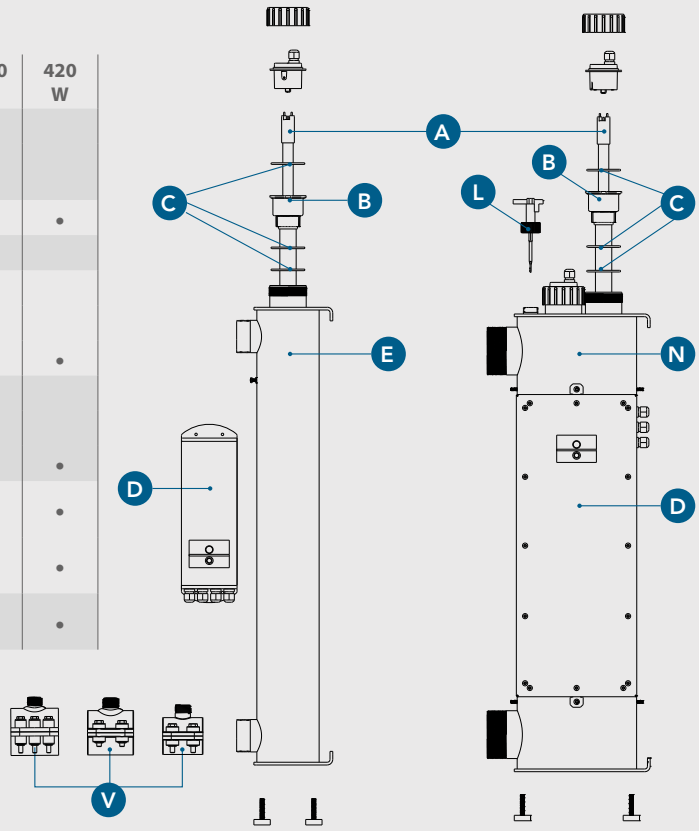
STAINLESS STEEL

	80 W Ø 114	140 W Ø 154	420 W Ø 219
Art. number	XP07082	XP07132	XP07392
Type	80 W	140 W	420 W
EAN	871440404073	871440404074	871440404075
Max. flow for 30 mJ/cm²	20 m³/h	39 m³/h	49 m³/h
Max. pressure	4 bar	4 bar	2,5 bar
Diameter unit Ø	114 mm	154 mm	219 mm
Length unit	93 cm	93 cm	93 cm
Diameter in-outlet Ø	2" mm	2,5"	3"
Housing material	316 L	316 L	316 L
Operating environment ballast temperature	1-40 °C	1-40 °C	1-40 °C
Lifespan lamp	9.000 h	16.000 h	16.000 h
Timer	No	No	No
Flow switch	No	√	√

Spare parts

		Available for:	80 W	140 W	420 W
A	F980010AM	Lamp VGE T5 80 W 4P Base X AM Packed	•		
	F980020AM	Lamp VGE T6 140 W Amalgam 4P Base X AM Packed		•	
B	QG075	Quartz Glass VSC 870 x 30 mm AM	•	•	•
C	E800912	Set (3pcs) O-ring for quartz glass			
D	EP080027	Electrics for Buster UV-C 80 W Xclear	•		
	EP130032	Electrics for Buster UV-C 140 W Xclear		•	
	EP390006	Electrics for Buster UV-C 420W Xclear			•
E	B212130	Housing Xpert Buster UV-C 80 W	•		
	B212131	Housing Xpert Buster UV-C 140 W		•	
	B212120	Housing Xpert Buster UV-C 420 W			•
I	B290020	Reduction piece 63/63 mm 3/4" male threaded for flow switch		•	•
	B290021	Reduction piece 60.3/60.3 mm 3/4" male USA-UK threaded for flow switch		•	•
L	B290131	Flow Switch 2 meter cable black optional parts:	•	•	•

V	SP0070	Clamp Saddle for Flowswitch 50mm x 3/4"
	SP0071	Clamp Saddle for Flowswitch 63mm x 3/4"
	SP0072	Clamp Saddle for Flowswitch 75mm x 3/4"



Xclear Xpert Inox UV-C

Top view of the 2" male threat in-outlet

Flow switch included with 130 W model

Electrics with timer function

Advantages

Professional-grade disinfection to keep large ponds crystal-clear.

- Designed to fit seamlessly into large, professional filtration systems
- Complete 316L Stainless steel durable housing
- Standard equipped with flow switch for safe operation
- Integrated timer indicates when lamp replacement is needed
- Large chamber with a 114 mm diameter ensures long UV exposure time for cleaner and healthier water
- Handles up to 5 bar pressure for robust performance

Technical Specifications

MADE IN THE NETHERLANDS

PRO ONLY

STAINLESS STEEL

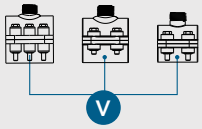
	75 W	130 W Amalgam
Art. number	XP02752	XP02132
Type	75 W	130 W
EAN	8714404038539	8714404038546
Max. flow for 30 mJ/cm²	18 m³/h	22 m³/h
Max. pressure	5 bar	5 bar
Diameter unit Ø	114 mm	114 mm
Length unit	100 cm	100 cm
Diameter in-outlet Ø	2" Male thr.	2" Male thr.
Housing material	316 L	316 L
Operating environment ballast temperature	1-40 °C	1-40 °C
Lifespan lamp	9.000 hours	12.000 hours
Timer	√	√
Flow switch	No	√

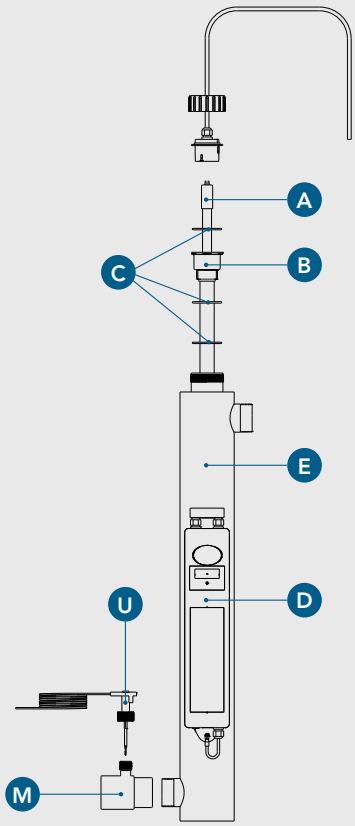
Spare parts

			Available for: 75 W	130 W
A	E800902PAM	Lamp Philips TUV 36T5 75 W HO 4P-SE Base C AM Packed	•	
	E800904AM	Lamp Philips TUV XPT 130 W 4P-SE Amalgam Base E AM Packed		•
B	QG015	Quartz Glass VSC 933 x 25 mm 40/75/80 W AM	•	
	QG012	Quartz Glass VSC 920 x 30 mm 130 / 140 W AM		•
C	E800912	Set (3pcs) O-ring for quartz glass	•	•
D	EP075005.1	Electrics for Xclear UV-C Inox 75 W	•	
	EP130004.1	Electrics for Xclear UV-C Inox 130 W		•
E	B212002	Housing Inox UV-C	•	•
M	B290020	Reduction piece 63/63 mm 3/4" male threaded for flow switch		•
	B290021	Reduction piece 60.3/60.3 mm 3/4" male USA-UK threaded for flow switch		
U	B290131	Flow Switch 2 meter cable black		•

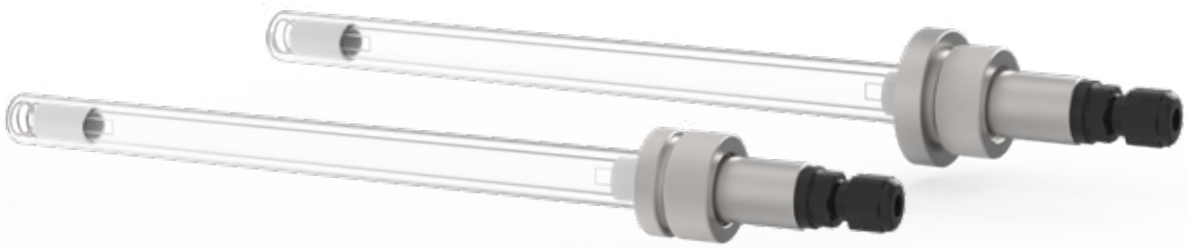
Optional Parts

V	SP0070	Clamp Saddle for Flowswitch 50mm x 3/4"
	SP0071	Clamp Saddle for Flowswitch 63mm x 3/4"
	SP0072	Clamp Saddle for Flowswitch 75mm x 3/4"





Xclear Xpert Inox Immersion UV-C



Immersion model

Electrics Signal

Electrics basic

Immersion Tankconnector model

Advantages

Professional-grade submersible UV-C lamp designed for optimal disinfection in large pond filtration systems without resistance, ensuring maximum water flow and filtration efficiency.

- Available with 40 W and 80 W amalgam lamps, allowing flexible sizing and maximizing efficient temperature range
- Special Tank Connector (TC) for direct installation into filter tanks without pressure loss
- 316L stainless steel components ensuring corrosion resistance and long-term reliability in high-end pond and aquaculture systems
- A stainless steel bracket is available to weigh the lamp down and keep it on the tank bottom

Technical Specifications

MADE IN THE NETHERLANDS

	40 W Amalgam	80 W Amalgam	40 W Amalgam Signal	80 W Amalgam Signal	40 W Amalgam TC	80 W Amalgam TC	40 W Amalgam Signal TC	80 W Amalgam Signal TC
Art. number	XH01406	XH01806	XH01407	XH01807	XH01408	XH01808	XH01409	XH01809
Type	40 W	80 W	40 W	80 W	40 W	80 W	40 W	80 W
EAN	871440404701	871440404709	871440404702	871440404710	871440404703	871440404711	871440404704	871440404712
IP rating electrics	ip54	ip54	ip54	ip54	ip54	ip54	ip54	ip54
IP rating fitting	ipx8	ipx8	ipx8	ipx8	ipx8	ipx8	ipx8	ipx8
Housing material	316 L	316 L	316 L	316 L	316 L	316 L	316 L	316 L
Operating environment ballast temperature	1-40 °C	1-40 °C	1-40 °C	1-40 °C	1-40 °C	1-40 °C	1-40 °C	1-40 °C
Lifespan lamp	16.000 h	16.000 h	16.000 h	16.000 h	16.000 h	16.000 h	16.000 h	16.000 h
Indicator	No	No	√	√	No	No	√	√
Replace lamp alert	No	No	√	√	No	No	√	√

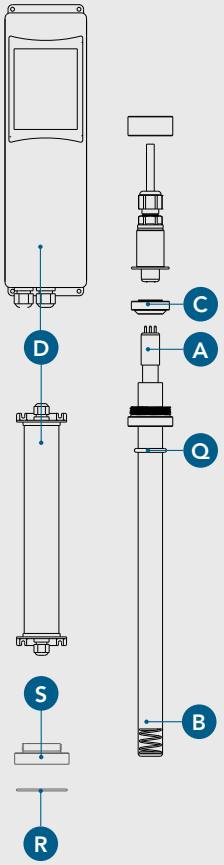
NOTE:
- This product is only intended for professional use.
- It should be installed in a professional application or assembled with other appliances.
- Before using this product the installer/user must take care that the product complies to the latest local applying standards for UV-C units.

PRO ONLY

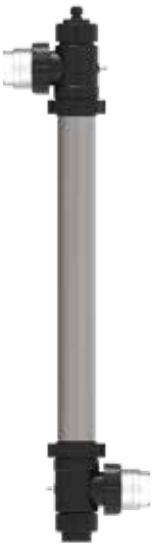
STAINLESS STEEL

Spare parts

		Available for:	40 W	80 W	40 W Amal Signal	80 W Amal Signal	40 W TC	80 W TC	40 W Amal TC Signal	80 W Amal TC Signal
A	4800070AM	Lamp VGE Lighttech T5 40 W Amalgam Base C	•		•		•		•	
	4800082AM	Lamp VGE Lighttech T5 80 W Amalgam Base C		•		•		•		•
B	3100847	Quartz Glass Immersion 384 x 25 mm 40 W Amalgam AM	•		•		•		•	
	3100840	Quartz Glass Immersion 627 x 25 mm 80 W (Amalgam lamp) AM		•		•		•		•
D	EP080029	Electrics for Xclear Inox Immersion 40/80 W Amalgam	•	•			•	•		
	EP080030	Electrics for Xclear Inox Immersion 40/80 W Amalgam Signal			•	•			•	•
C	3902195	Immersion seal 25mm EPDM shore 50								
Q	3902337	O-ring 25x4 NBR Inox Immersion	•	•	•	•				
R	3902338	O-ring 50x2 NBR Inox Immersion TC					•	•	•	•
S	3902253	Immersion Xclear – Base for wall mounting RVS 25mm					•	•	•	•



Xclear Series



Jumbo Tech UV-C

Flex Inox UV-C

Pond UV-C

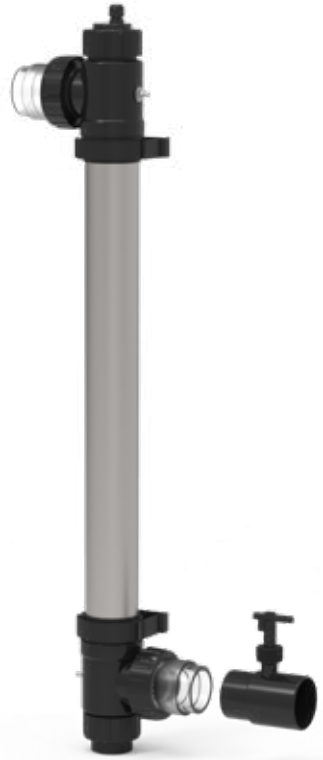
The Xclear UV-C Series have been specially developed for all types of ponds, from elegant decorative ponds and impressive koi ponds to natural swimming ponds. The systems are easy to install and suitable for both enthusiastic pond owners and professional pond specialists.

With Xclear UV-C, the water in your pond remains crystal clear and healthy. Suspended algae, bacteria, and pathogens are eliminated, keeping fish, plants, and swimming water optimally protected.

Immersion UV-C

Module UV-C

Xclear Jumbo Tech UV-C



Top view of the 63/50 mm PVC connection adapters

Flow switch included with 130 W model

Electrics

Advantages

Long lamp ensures longer UV exposure time for optimal UV-C contact time and -disinfection

- High-intensity UV-C disinfection for effective water treatment
- Durable stainless steel body for long-lasting performance
- Includes 63 mm PVC connection fittings with adapters to 50 mm / 1½" female threads
- Total unit length: 95 cm
- Easy to integrate into new or existing filtration systems

Technical Specifications

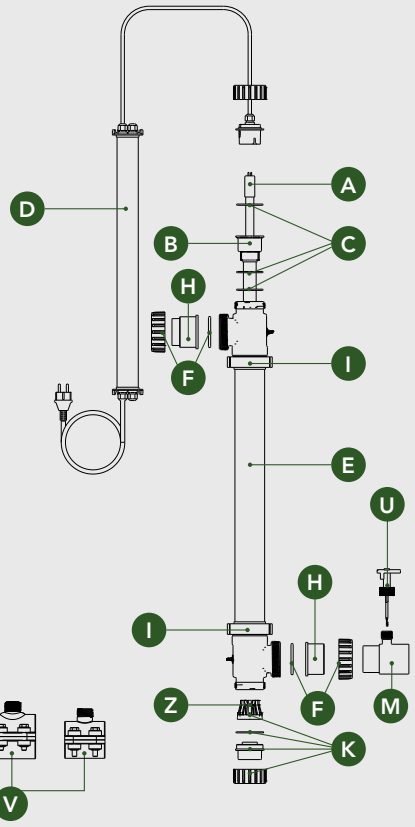
MADE IN THE NETHERLANDS

STAINLESS STEEL

	40 W	75 W	130 W
Art. number	XH04402	XH04752	XH06132
Type	40 W	75 W	130 W
EAN	8714404034869	8714404034791	8714404030052
Max. flow for 30 mJ/cm²	11 m³/h	16 m³/h	22 m³/h
Max. pressure	2,5 bar	2,5 bar	2,5 bar
Diameter unit Ø	70 mm	70 mm	70 mm
Length unit	99 cm	99 cm	99 cm
Diameter in-outlet Ø	63 mm / 50 mm / 1½"	63 mm / 50 mm / 1½"	63 mm / 50 mm / 1½"
Housing material	304	304	304
Operating environment ballast temperature	1-40 °C	1-40 °C	1-40 °C
Lifespan lamp	9.000 h	9.000 h	12.000 h
Timer	No	No	No
Flow switch	No	No	√

Spare parts

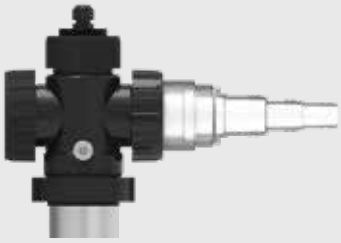
			Available for: 40 W	75 W	130 W
A	F980002AM	Lamp VGE T5 40 W 4P Base F AM Packed	•		
	F980004AM	Lamp VGE T5 75 W 4P Base F AM Packed		•	
	E800904AM	Lamp Philips TUV XPT 130 W 4P-SE Amalgam Base E AM Packed			•
B	QG015	Quartz Glass VSC 933 x 25 mm 40/75/80 W AM	•	•	
	QG012	Quartz Glass VSC 920 x 30 mm 130 / 140 W AM			•
C	E800912	Set (3pcs) O-ring for quartz glass	•	•	•
D	EP040001	Electrics for 40 W Tech	•		
	EP075001	Electrics for 75 W Xclear Tech		•	
	EP130001	Electrics for Jumbo UV-C amalgam 130 W + flow switch			•
E	3903788	Housing Xclear Jumbo Tech UV-C 40/75/130 W	•	•	•
F	E800940	Set (2pcs) 3-way coupling black	•	•	•
G	E800941	Set (2pcs) O-rings 3-way connection	•	•	•
H	F990115	Reduction piece 1.5'' female threaded x 63 mm out/ 50 mm in	•	•	•
K	3901045	Nut for end cap Black	•	•	•
I	E801107	Mounting bracket 75 mm PP black	•	•	•
Z	SP0073	Quartz Glass Stabilizer Replacement Kit	•	•	•
M	B290020	Reduction piece 63/63 mm 3/4" male threaded for flow switch		•	•
	B290021	Reduction piece 60.3/60.3 mm 3/4" male **USA-UK** threaded for flow switch			
U	B290131	Flow Switch 2 meter cable black	•	•	•



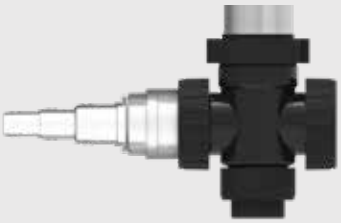
Optional Parts

V	SP0070	Clamp Saddle for Flowswitch 50mm x 3/4"
V	SP0071	Clamp Saddle for Flowswitch 63mm x 3/4"
V	SP0072	Clamp Saddle for Flowswitch 75mm x 3/4"

Xclear Flex Inox UV-C



Top view of the PVC connection adapters mountable on both sides



Bottom view of the PVC connection adapters mountable on both sides

Electrics

Advantages

Flexible installation options thanks to compact design and multiple connection possibilities

- Includes 63 mm PVC connection fittings with adapters to 50 mm / 1½" female threads
- Comes with hose connectors: 1½" 40/32/25 mm
- Compact design: total unit length is only 85 cm
- Easy to integrate into new or existing filtration systems

Technical Specifications

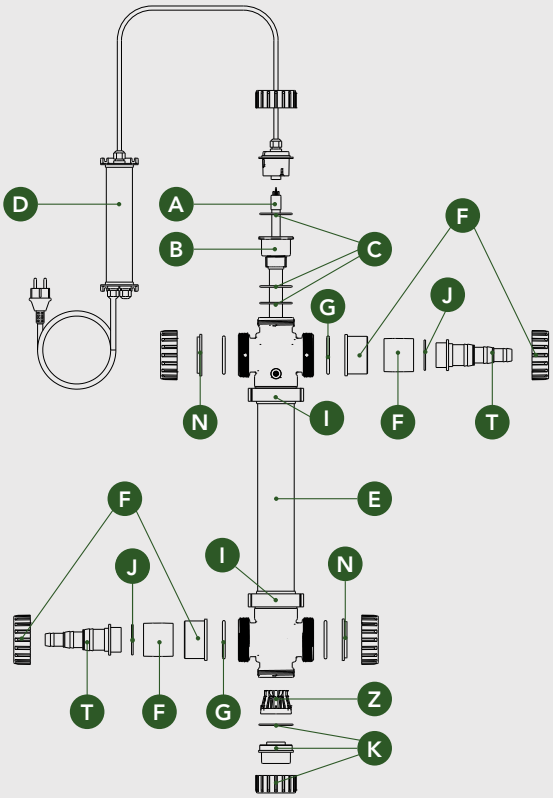
MADE IN THE NETHERLANDS

STAINLESS STEEL

	40 W	75 W
Art. number	XE04402.1	XE04752.1
Type	40 W	75 W
EAN	8714404042802	8714404042819
Max. flow for 30 mJ/cm²	20 m³/h	25 m³/h
Max. pressure	2,5 bar	2,5 bar
Diameter unit Ø	70 mm	70 mm
Length unit	75 cm	75 cm
Diameter in-outlet Ø	63 mm / 50 mm / 1½" 40/32/25/mm	63 mm / 50 mm / 1½" 40/32/25/mm
Housing material	304	304
Operating environment ballast temperature	1-40 °C	1-40 °C
Lifespan lamp	9.000 h	9.000 h
Timer	No	No
Flow switch	No	No

Spare parts

		Available for:	40 W	75 W
A	F980078BUAM	Lamp VGE T5 40 W 4P Base F(bu) AM Packed	•	
	F980079BUAM	Lamp VGE T5 75 W 4P Base G AM Packed		•
B	QG017	Quartz Glass VSC 695 x 25 mm 40/75 W AM	•	•
C	E800912	Set (3pcs) O-ring for quartz glass	•	•
D	EP040012	Electrics for Black Tech 40 W	•	
	EP075017	Electrics for Black Tech 75 W (short)		•
E	H170009	Housing Black UV-C 40/75 W RVS 304	•	•
F	E800940	Set (2pcs) 3-way coupling black	•	•
G	E800941	Set (2pcs) O-rings 3-way connection	•	•
F	F990115	Reduction piece 1.5'' female threaded x 63 mm out/ 50 mm in	•	•
J	3902046	Ring flat 1½"	•	•
T	E801128	Universal adaptor 1½" 40 x 32 x 25 mm PC Transparent	•	•
K	3901045	Nut for end cap Black	•	•
I	E801107	Mounting bracket 75 mm PP black	•	•
Z	SP0073	Quartz Glass Stabilizer Replacement Kit	•	•
N	F990196BU	Closing lid black	•	•



Xclear Pond UV-C

Open unit with glue socket or hose connection installation option

Closed unit with picklock installalation option and mounted electrics on the back

Advantages

A unique stand-up pond UV unit, specially designed for above-ground and basic in-ground ponds

- Plug-and-play design: powerful, affordable, and easy to install
- Choose between glued- or hose connection
- Makes it simple for all pond owners to enjoy safe and healthy water, maintained by our reliable UV-C technology
- Easy to integrate into new or existing filtration systems

Technical Specifications

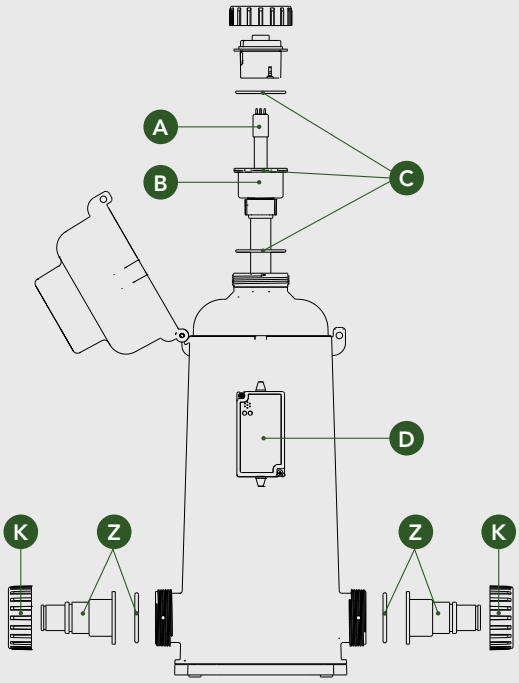
MADE IN THE NETHERLANDS

SALT-WATER

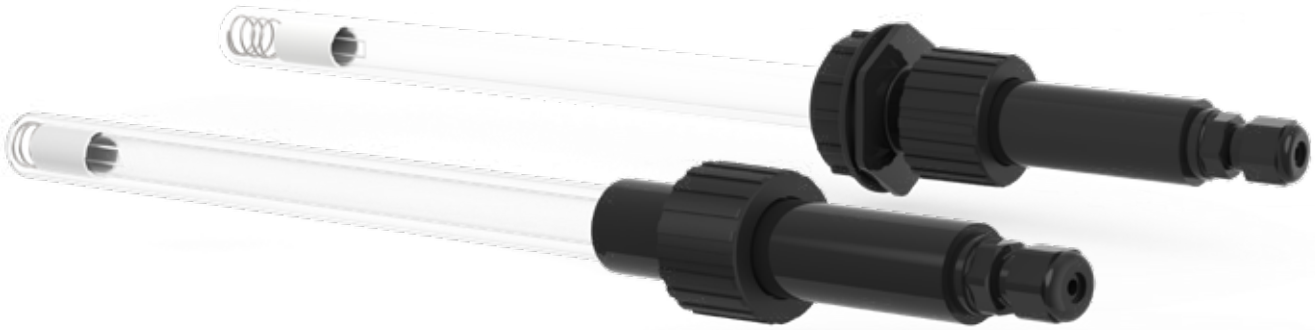
	42 W
Art. number	XE09422
Type	42 W
EAN	8714404040853
Max. flow for 30 mJ/cm²	14 m³/h
Max. pressure	1 bar - 14.5 psi
Diameter unit Ø	200 mm
Length unit	55 cm
Diameter in-outlet Ø	65 mm 38/32 mm
Housing material	High quality copolymer
Operating environment ballast temperature	1-40 °C
Lifespan lamp	9.000 h
Timer	No
Flow switch	No

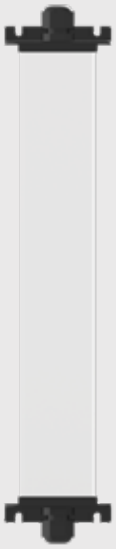
Spare parts

A	3903114AM	Lamp VGE T5 42W Base Y AM Packed
B	QG129	Quartz Glass VSC 478 x 25 mm AM
C	E800912	Set (3pcs) O-ring for quartz glass
D	SP0080	Electrics for Xpose 42W LED 120/230V type F plug Packed
F	SP0078	2 x reduction piece 50mm + sealing rings Xpose
K	SP0079	2 x nut + sealing rings
T	SP0077	2 x hose adaptor flanged 65mm 38/32 + sealing rings Xpose



Xclear Immersion UV-C





Electrics

Immersion unit

Immersion with Tankconnector fitting

Advantages

Immersion UV-C systems can be installed in filter tanks, allowing water to pass through without any resistance or pressure loss.

- Can be integrated into existing filter systems or filter chambers
- Ideal when there is no space for an inline UV unit
- The plastic end of the lamp has a 32 mm diameter, compatible with standard 32 mm pipe clips for mounting inside a tank
- A special tank connector is available for direct installation into filters (see picture)
- Tank connector: 1½"

Technical Specifications

MADE IN THE NETHERLANDS

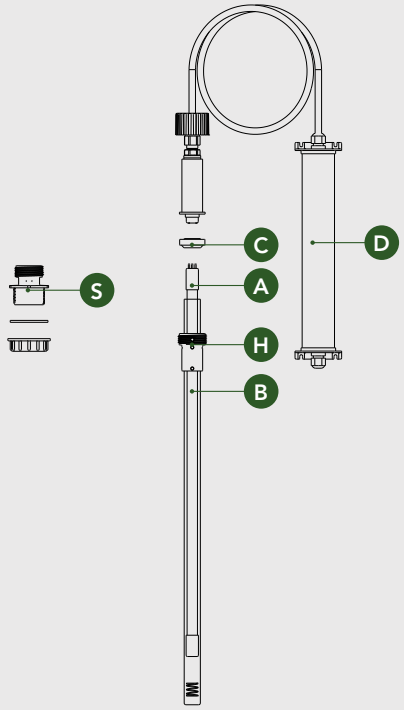
	40 W	75 W	40 W Amalgam	80 W Amalgam
Art. number	XP01402	XP01752	XP01402.1	XP01802
Type	40 W	75 W	40 W Amalgam	80 W Amalgam
EAN	8714404041157	8714404041294	8714404041225	8714404041362
IP rating electrics	ip54	ip54	ip54	ip54
IP rating fitting	ipx8	ipx8	ipx8	ipx8
Housing material	ABS	ABS	ABS	ABS
Operating environment ballast temperature	1-40 °C	1-40 °C	1-40 °C	1-40 °C
Lifespan lamp	9.000 h	9.000 h	16.000 h	16.000 h
Indicator	No	No	√	√

SALT-WATER

NOTE:
- This product is only intended for professional use.
- It should be installed in a professional application or assembled with other appliances.
- Before using this product the installer/user must take care that the product complies to the latest local applying standards for UV-C units.

Spare parts

		Available for:	40 W	75 W	40 W almagam	80 W almagam
A	F980078BUAM	Lamp VGE T5 40 W 4P Base F(bu) AM Packed	•			
	F980079BUAM	Lamp VGE T5 75 W 4P Base G AM Packed		•		
	4800070AMAM	Lamp VGE Lighttech T5 40 W Amalgam Base C AM Packed			•	
	4800082AMAM	Lamp VGE Lighttech T5 80 W Amalgam Base C AM Packed				•
B	3100837	Quartz Glass Immersion 679 x 25 mm 40/75 W AM	•	•		
	3100847	Quartz Glass Immersion 384 x 25 mm 40 W Amalgam AM			•	
	QG068	Quartz Glass Immersion 627 x 25 mm 80 W Amalgam AM				•
C	3902195	Immersion seal 25mm EPDM shore 50	•	•	•	•
D	3902601	Electrics for 40 W Immersion AM	•			
	3902603	Electrics for 75 W Immersion AM		•		
	3902605	Electrics for 40/80 Amalgam Immersion AM			•	•
H	3900684	External threaded socket for quartz glass immersion	•	•	•	•
S	7201269	Tank connector 1/2"	•	•	•	•



Xclear Module UV-C

Possible installation option with signal electrics

Possible installation option with electrics

Signal electrics

Electrics

Advantages

Module UV-C systems can be installed in filter tanks, allowing water to pass without any resistance or pressure loss.

- There are two choices for control units: the basic controller and a Signal controller including a LED lamp life indicator
- Available in various wattages to match the flow rate and volume of your system
- Very easy to install
- Transparent lamp head allows for a clear visual check to see whether the lamp is working
- Signal control unit provides a visual indication when the lamp needs to be replaced

Technical Specifications

MADE IN THE NETHERLANDS

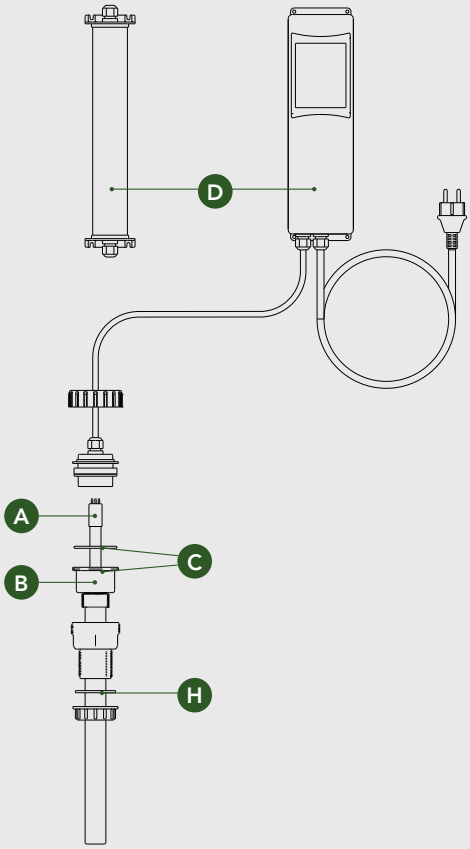
	40 W Amalgam	80 W Amalgam	40 W Amalgam Signal	80 W Amalgam Signal
Art. number	XP08402	XP08802	XP09402	XP09802
Type	40 W Amalgam	80 W Amalgam	40 W Amalgam	80 W Amalgam
EAN	8714404979863	8714404979726	8714404979658	8714404979580
IP rating electrics	ip54	ip54	ip54	ip54
IP rating fitting	ipx8	ipx8	ipx8	ipx8
Housing material	ABS	ABS	ABS	ABS
Operating environment ballast temperature	1-40 °C	1-40 °C	1-40 °C	1-40 °C
Lifespan lamp	16.000 h	16.000 h	16.000 h	16.000 h
Indicator	No	No	√	√
Replace lamp alert	No	No	√	√

SALT-WATER

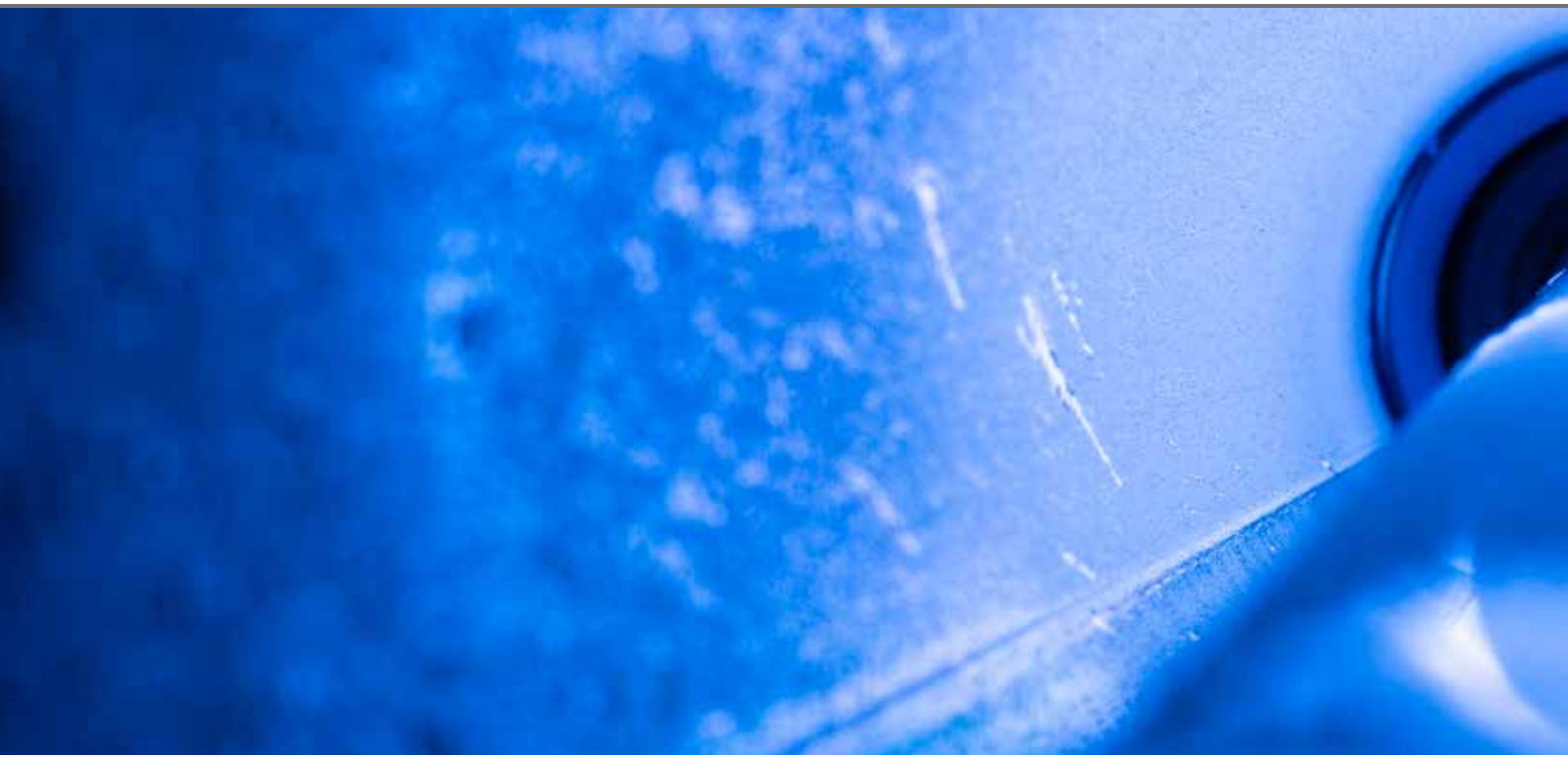
NOTE:
- This product is only intended for professional use.
- It should be installed in a professional application or assembled with other appliances.
- Before using this product the installer/user must take care that the product complies to the latest local applying standards for UV-C units.

Spare parts

		Available for:	40 W	80 W	40 W Almagam Signal	80 W Almagam Signal
A	3903110AM	Lamp VGE T5 40 W Amalgaam Base C AM Packed	•		•	
	3903111AM	Lamp VGE T5 80 W Amalgaam Base C AM Packed		•		•
B	QG018	Quartz Glass VSC 400 x 25 mm 40 W AM	•		•	
	QG104	Quartz Glass VSC 667 x 25 mm 80 W AM		•		•
C	E800912	Set (3pcs) O-ring for quartz glass	•	•	•	•
D	EP080013	Electrics for Xclear Module UVC 40/80 W Amalgam Tech	•	•		
	EP080012	Electrics for Xclear Module UVC 40/80 W Amalgaam Signal			•	•
H	3902046	Ring flat 1½"	•	•	•	•



UV-C Lamps



Each Xclear Pond UV-C unit is equipped with a carefully selected UV lamp, chosen to match the specific needs of the system. To ensure continuous protection against harmful pathogens such as moulds, viruses, and bacteria in pond, aquaculture, and swimming pond environments, it is essential to replace the UV-C lamp on time.

A standard UV-C lamp has an effective lifespan of approximately 9,000 hours. Amalgam lamps offer a longer operational life of around 12,000 to 16,000 hours. Although a lamp may continue to operate beyond this period, its disinfecting performance decreases rapidly. To maintain optimal water quality and safeguard the health of fish, aquatic life, and swimmers, timely replacement of the UV-C lamp is crucial.

T5 lamps

T5 lamps are single-ended UV-C (germicidal) lamps used in professional water and air disinfection units. The small 16 mm diameter of the lamp allows for a small system design and design flexibility.

T6 lamps

T6 lamps are single-ended UV-C (germicidal) lamps that are used in professional water and air disinfection devices. The diameter of the lamp of 19 mm allows a small system design and flexibility in design. The T6 is mainly used in the amalgam version.

Besides the lamps used in Xclear products, VGE offers different replacement lamps. On page 32 you find the different lamp types that VGE B.V. uses in her products. Furthermore you can find an overview of the lamps that can be bought for replacement next to the Xclear replacement lamps.

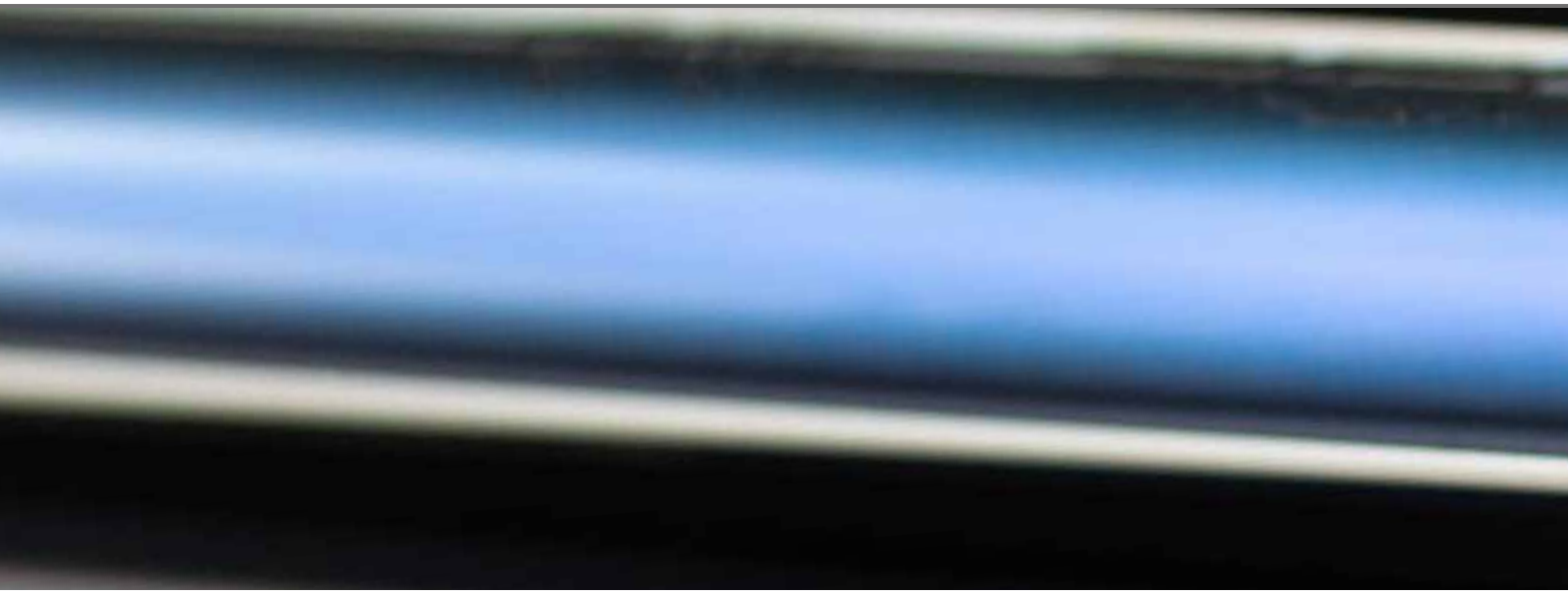
For the professional market it is also possible to deliver special high quality lamps with a higher wattage. For example lamps of 325 W and 400 W. Please contact us by e-mail: info@vgebv.nl for the actual prices and delivery times.

Smart Pin Technology (SPT)

SBT Single-end Bayonet Technology (SBT)

VGE Single-end Bayonet Technology lamps (SBT) The lamp base is equipped with a bayonet technology closure. The lamp itself is single-ended which not only makes it easy to install and replace but also requires service space at only one side of the treatment chamber.

UV-C Lamps

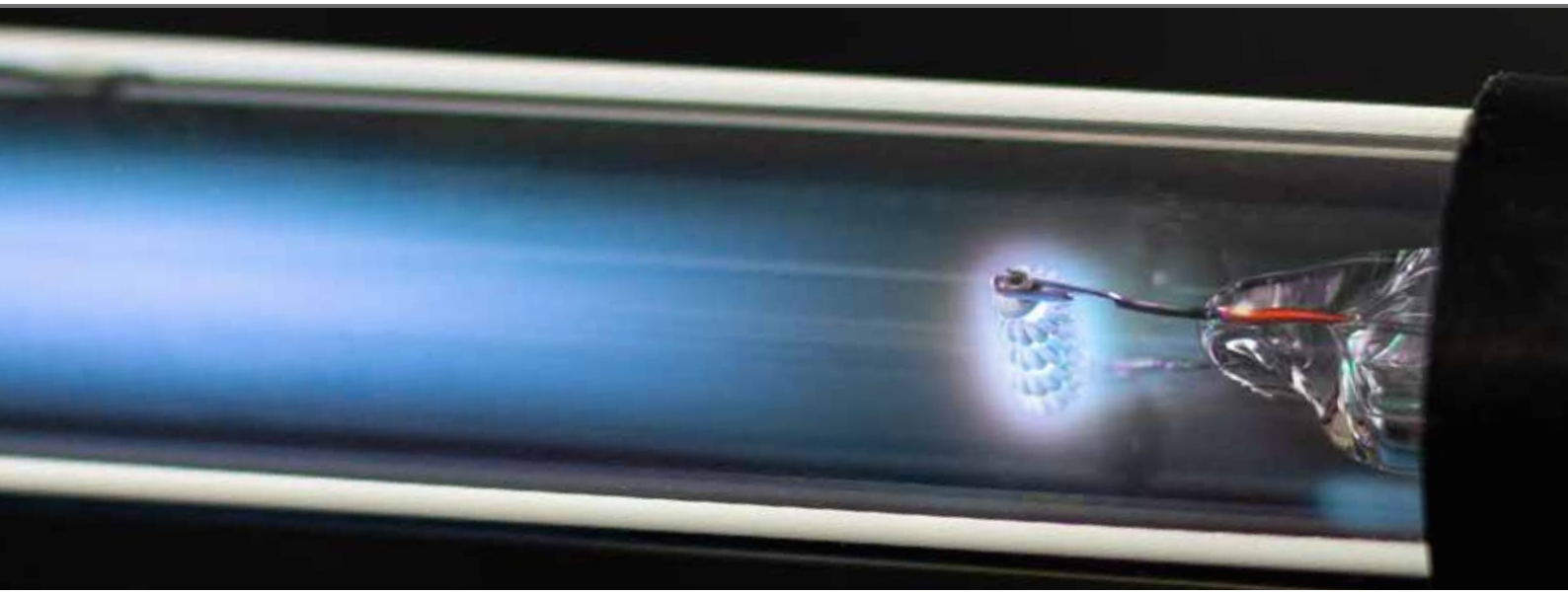


Xclear Xpert Series

Item. Nr.	Brand	Model	Box	Type	Base
4800070AMAM	VGE - LightTech	Lamp VGE Lighttech T5 40 W Amalgam Base C AM Packed	1	T5	C
4800070AM	VGE - LightTech	Lamp VGE Lighttech T5 40 W Amalgam Base C	48	T5	C
4800082AMAM	VGE - LightTech	Lamp VGE Lighttech T5 80 W Amalgam Base C AM Packed	1	T5	C
4800082AM	VGE - LightTech	Lamp VGE Lighttech T5 80 W Amalgam Base C	48	T5	C
F980010AM	VGE - LightTech	Lamp VGE T5 80 W 4P Base X AM Packed	1	T5	X
F980010	VGE - LightTech	Lamp VGE T5 80 W 4P Base X	48	T5	X
F980020AM	VGE - LightTech	Lamp VGE T6 140 W Amalgam 4P Base X AM Packed	1	T6	X
F980020	VGE - LightTech	Lamp VGE T6 140 W Amalgam 4P Base X	34	T6	X
E800902PAM	Philips	Lamp Philips TUV 36T5 75 W HO 4P-SE Base C AM Packed	1	T5	C
E800902P	Philips	Lamp Philips TUV 36T5 75 W HO 4P-SE Base C	20	T5	C
E800904AM	Philips	Lamp Philips TUV XPT 130 W 4P-SE Amalgam Base E AM Packed	1	T6	E
E800904	Philips	Lamp Philips TUV XPT 130 W 4P-SE Amalgam Base E	20	T6	E
3903110AM	VGE	Lamp VGE T5 40 W Amalgaam Base C AM Packed	1	T5	C
3903110	VGE	Lamp VGE T5 40 W Amalgaam Base C	25	T5	C
3903111AM	VGE	Lamp VGE T5 80 W Amalgaam Base C AM Packed	1	T5	C
3903111	VGE	Lamp VGE T5 80 W Amalgaam Base C	25	T5	C

Xclear Series

Item. Nr.	Brand	Model	Box	Type	Base
F980002	VGE - LightTech	Lamp VGE T5 40 W 4P Base F	48	T5	F
F980002AM	VGE - LightTech	Lamp VGE T5 40 W 4P Base F AM Packed	1	T5	F
F980004	VGE - LightTech	Lamp VGE T5 75 W 4P Base F	48	T5	F
F980004AM	VGE - LightTech	Lamp VGE T5 75 W 4P Base F AM Packed	1	T5	F
E800904	Philips	Lamp Philips TUV XPT 130 W 4P-SE Amalgam Base E	20	T6	E
E800904AM	Philips	Lamp Philips TUV XPT 130 W 4P-SE Amalgam Base E AM Packed	1	T6	E
F980078BU	VGE - LightTech	Lamp VGE T5 40 W 4P Base F(bu)	48	T5	F(bu)
F980078BUAM	VGE - LightTech	Lamp VGE T5 40 W 4P Base F(bu) AM Packed	1	T5	F(bu)
F980079BU	VGE - LightTech	Lamp VGE T5 75 W 4P Base G	48	T5	G
F980079BUAM	VGE - LightTech	Lamp VGE T5 75 W 4P Base G AM Packed	1	T5	G
4800070AM	VGE - LightTech	Lamp VGE Lighttech T5 40 W Amalgam Base C	48	T5	C
4800070AMAM	VGE - LightTech	Lamp VGE Lighttech T5 40 W Amalgam Base C AM Packed	1	T5	C
4800082AM	VGE - LightTech	Lamp VGE Lighttech T5 80 W Amalgam Base C	48	T5	C
4800082AMAM	VGE - LightTech	Lamp VGE Lighttech T5 80 W Amalgam Base C AM Packed	1	T5	C
3903110	VGE	Lamp VGE T5 40 W Amalgaam Base C	25	T5	C
3903110AM	VGE	Lamp VGE T5 40 W Amalgaam Base C AM Packed	1	T5	C
3903111	VGE	Lamp VGE T5 80 W Amalgaam Base C	25	T5	C
3903111AM	VGE	Lamp VGE T5 80 W Amalgaam Base C AM Packed	1	T5	C
3903114	VGE - LightTech	Lamp VGE T5 42W Base Y	48	T5	Y
3903114AM	VGE - LightTech	Lamp VGE T5 42W Base Y AM Packed	1	T5	Y



PL-S & PL-L Bulbs

Item. Nr.	Brand	Model	Box	Type	Base
3903005	Philips	Lamp Philips TUV PL-S 5W /2P Base A	60	PL-S	A
3903020	Philips	Lamp Philips TUV PL-S 11W /2P Base A	60	PL-S	A
3903030	Philips	Lamp Philips TUV PL-L 18W /4P Base B	25	PL-L	B
3903040	Philips	Lamp Philips TUV PL-L 36W /4P Base B	25	PL-L	B
3903050	Philips	Lamp Philips TUV PL-L 55W /4P Base B	25	PL-L	B

T5 & T6 Bulbs

Item. Nr.	Brand	Model	Box	Type	Base
E800900	Philips	Lamp Philips TUV 16W 4P-SE UNP Base C	20	T5	C
E800901P	Philips	Lamp Philips TUV 36T5 40 W 4P-SE Base C	20	T5	C
3903567	Philips	Lamp Philips TUV 64T5 75 W 4P-SE Base C Verpakt (1.56m)	20	T5	C
B280005	Philips	Lamp Philips TUV Smart Cap 75 W Base D AM	1	T5	D
B280006	Philips	Lamp Philips TUV Smart Cap 40 W Base D AM	1	T5	D
F980005	VGE - LightTech	Lamp VGE Lighttech T6 130 W Amalgaam 4P Base E	36	T6	E
3903025	VGE - LightTech	Lamp VGE T6 325 W 4P Amalgam Base E	36	T6	E
F980115	VGE - LightTech	Lamp VGE Lighttech T6 200W Amalgaam 4P Base E	36	T6	E
3903073	VGE	Lamp VGE 4P-SE 40 W T5 Base C	25	T5	C
3903074	VGE	Lamp VGE 4P-SE 75 W T5 Base C	25	T5	C

TL bulbs

Item. Nr.	Brand	Model	Box	Type	Base
3903560	Philips	Lamp Philips TUV TL 15W 1SL T8 Base I	25	TL	I
3903561	Philips	Lamp Philips TUV TL 25W 1SL T8 Base I	25	TL	I
3903071	VGE	Lamp VGE TL 30W T8 Base I	25	TL	I
3903072	VGE	Lamp VGE TL 55W T8 Base I	25	TL	I

Unit specific lamps

Item. Nr.	Brand	Model	Box	Type	Base
F980102	VGE Pro - LightTech	Lamp VGE Pro T6 140 W 867 SPT	1	T6	L
F980103	VGE Pro - LightTech	Lamp VGE Pro T6 200W 1115 SPT	1	T6	L
F980107	VGE Pro - LightTech	Lamp VGE Pro T5 40 W 389 SPT AM	1	T5	L
F980108	VGE Pro - LightTech	Lamp VGE Pro T5 75 W 867 SPT AM	1	T5	L
F980104	VGE Pro - LightTech	Lamp VGE Pro T6 325 W 1588 SPT	1	T6	L
F980112	VGE Pro - LightTech	Lamp VGE Pro T6 400W 2000 SPT	1	T6	L

Xclear Pond Products

Flow Switch Plus

Copper Electrolyzer

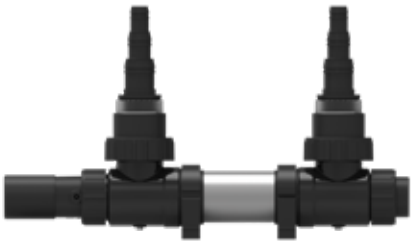
Pre-Filter

In addition to its wide range of UV-C systems, Xclear also offers a selection of practical accessories.

From pond heaters and pre-filters to various useful add-ons – everything you need to keep your pond clear, healthy, and easy to maintain.

Static Mixer

Static Mixer Union



Profiheater

Xclear Flow Switch Plus

SALT-WATER

- Type B

- Type E

- Type F

- Type G

Technical Specifications

	Xclear Flow Switch plus
Art. number	5056577
EAN	8714404044271
Voltage	230 V AC
Frequency	50 Hz
IP Class	54
Connection size	63 mm
Min. flow	1,5 m^3/h
Max. flow	23 m^3/h

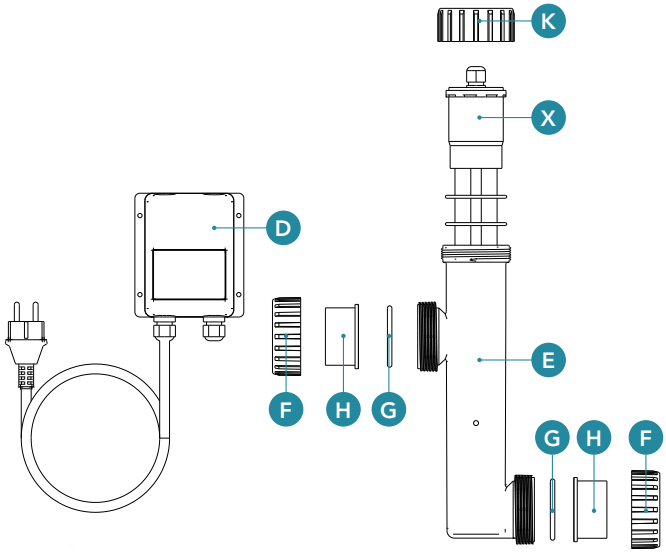
Advantages

Enhances overall pond filtration system safety and efficiency.

- Prevents systems from running without flow, protecting pumps and equipment
- Compact design allows for easy installation in new or existing systems
- Easily integrates with other pond equipment
- Suitable for both freshwater and saltwater systems
- Reliable operation

Xclear Copper Electrolyser

MADE IN THE NETHERLANDS



- *Safety and Professional Use:*
- *Installation shoulad be part of a professional application or integrated with other equipment; Before use, the installer/user must verify that the product complies with the latest European UV-C standards*

Technical Specifications

	Xclear Copper Electrolyser
Art. number	3300029
EAN	8714404039093
Max. flow	13 m^3/h
Max. pressure	1 bar
Diameter unit Ø	59 mm
Length unit	340 mm
Diameter in-outlet Ø	48/50 mm
Housing material	PC/ASA
Operating environment ballast temperature	1-40 °C

Spare parts

C	3902041	O-ring NBR 56x3
D	B290076	Control Box for Copper Electrolyzer
E	3300027	Housing Xclear Anti Algae Copper Electrolyzer
X	B290029	Copper set base + cable connector
K	3901045	Nut 70 mm x 33.5 mm ABS black
H	E801136	Glue sock 50mm ABS Transparent
G	E801509	O-ring 3-way connection NBR 53x4,5
F	B220013	Nut ABS black

Advantages

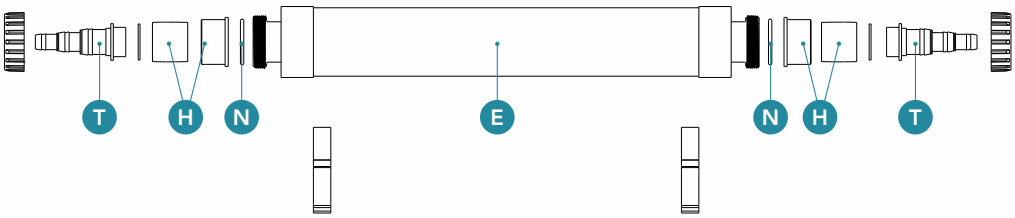
Provides an effective, chemical-free solution for controlling blanket weed and improving overall pond water quality.

- Reduces the need for other water treatment (products)
- Keeps pond water more stable
- Designed for installation before the pond return inlet
- Inlet/outlet diameter Ø50 mm
- Efficient: applies a controlled positive charge, providing long-lasting protection against unwanted algae and pathogens

- *Pending EU regulations or conditional approval, national regulations apply to the trade and use of copper-containing products. The copper used in these units complies with the REACH registration. It is the sole responsibility of the buyer to inform himself/herself about applicable local regulations regarding the use of (and trade in) copper for water disinfection.*

Xclear Pre-Filter

SALT-WATER



Technical Specifications

	Xclear Pre-Filter
Art. number	5053029
EAN	8714404039208
Max. flow	25 m^3 /h
Max. pressure	2 bar
Diameter unit Ø	110 mm
Length unit	720 mm
Diameter in-outlet Ø	63 mm / 50 mm / 1½" 40/32/25/mm

Spare parts

E	3903704	Filtrationtube Pre-filter
F	E800940	Set (2pcs) 3-way coupling black
G	E800941	Set (2pcs) O-rings 3-way connection
K	7201420	Universal adaptor 1½" 40x32x25mm PA6 black
N	3902046	Ring flat 1½"
M	3902729	Glue/screw connector 63mm/1.5" ABS Black

Advantages

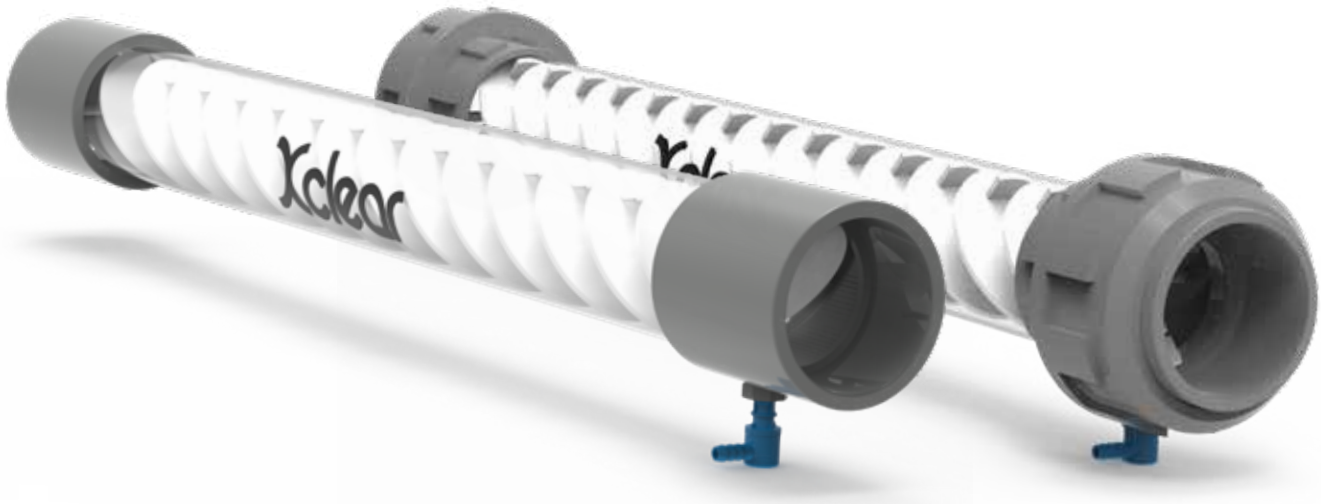
Prevents larger particles from clogging your pond filter, protecting your pump and maintaining system efficiency.

- Extends the lifespan of the pond pump and overall installation
- Allows easy visual inspection to see when cleaning is required
- Can be installed in both existing and new systems
- Coarse debris is removed early, keeping the biological filter stable and more effective

Xclear Static Mixer

MADE IN THE NETHERLANDS

SALT-WATER



Static Mixer

Static Mixer Union

Technical Specifications

	Xclear Static Mixer	Xclear Static Mixer Union
Art. number	4800016	4800030
Type	Static Mixer	Static Mixer Union
EAN	8714404035842	8714404039918
Diameter unit Ø	75 mm	75 mm
Length unit	775 mm	800 mm
Diameter in-outlet Ø	75 mm	75 mm

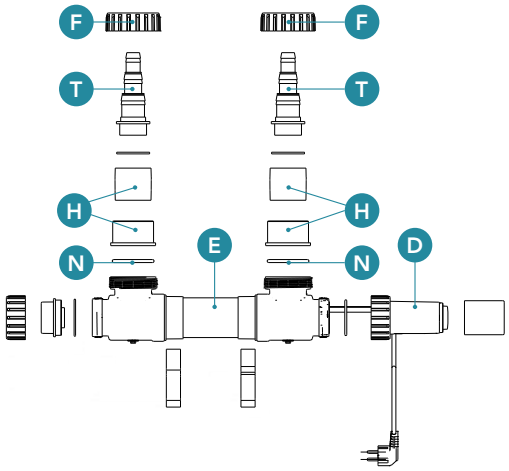
Advantages

Improves the efficiency of your pond or aqua-culture system ensuring a constant and even distribution of water treatment products, like ozone or oxygen.

- Energy-efficient operation thanks to a low pressure drop
- Connects directly to filter systems for easy installation
- Corrosion-resistant construction for long-term durability
- Easy integration into both new and existing filtration systems
- Includes an air inlet for the addition of for example, oxygen or ozone
- Suitable for low-pressure systems using energy-efficient pumps
- Compatible with saltwater applications

Xclear Profiheater

SALT-WATER



Technical Specifications

Available for:	1kW	2kW	3kW
Article number	6900455	6900456	6900457
Type	1 kW	2 kW	3 kW
EAN	8714404036825	8714404036894	8714404036962
Max. pressure	2 bar	2 bar	2 bar
Max. flow	10 m³/h	10 m³/h	10 m³/h
Length unit	560 mm	560 mm	560 mm
Diameter in-outlet Ø	63 - 50 - 40 - 32 - 25 mm	63 - 50 - 40 - 32 - 25 mm	63 - 50 - 40 - 32 - 25 mm
Housing material	AISI 316L	AISI 316L	AISI 316L

Spare parts

		Available for:	1 kW	2 kW	3 kW
E	6900472	Housing Black Heater 1/2/3 kW	•	•	•
D	6900391	Heater element for ProfiHeater 1kW	•		
	6900392	Heater element for ProfiHeater 2kW		•	
	6900393	Heater element for ProfiHeater 3kW			•
F	E800940	Set (2pcs) 3-way coupling black	•	•	•
G	E800941	Set (2pcs) O-rings 3-way connection	•	•	•
H	3902729	Glue/screw connector 63mm/1.5" ABS Black	•	•	•
N	3902046	Ring flat 1½"	•	•	•
T	7201420	Universal adaptor 1½" 40x32x25mm PA6 black	•	•	•

Advantages

- Easily connects to filter- or plumbing system
- Extended mixing surface
- Corrosion resistant
- Including air inlet
- Also possible to use the mixer in a low-pressure system, using an energy-efficient pump
- Also suitable for saltwater

Private Label

"Build your brand with Private Label UV-C"

Private label terms and conditions VGE B.V.

Your product assortment can be easily extended with your own UV-C equipment. Your own packing, your own commercial appearance and your own brand development!

Options

Private label basic package:

- Blank packing with your own designed product sticker
- Neutral manual
- Your own product labels
- Standard lamp and spare parts

Basic package can be extended with:

- Full colour packing
- Customized product colour
- Your own manual
- Private label UV-C lamp (fitting colour / logo)
- Private label UV-C lamp (with own fitting)
- Other wishes negotiable

Investment

The customer must make a down payment for the purchase of deviant parts and packaging, depending on the chosen options. This down payment will be deducted from the product retail price. The investment will be fully settled after the complete purchase of the private label products has been made. This means that there will not be any additional costs.

Minimum purchase

The minimum purchase per order depends on the device type and the chosen package. The minimum order and purchase schedule is to be agreed on.

UV-C lamp choice

The choice of the UV-C lamp for the device is very important for future aftersales. A UV-C lamp needs to be changed regularly. By choosing a UV-C lamp with a unique fitting, you assure yourself with returning revenue and new sales opportunities. You will be the only retailer that sells the lamp. It is possible to choose for a UV-C lamp with a unique fitting or fitting colour and it is also possible to have your logo printed on the lamp.

Overview

Modelnumber	Model Name	Recommended Flow Rate for 30mJ/cm²	Maximum working pressure in bar	Maximum flow rate in m³/h	UV-C lamp	Brand lamp	Inlet/outlet diameter (mm/inch)	Height of reactor in cm ±	Distance between inlet/outlet in cm ±	Weight in kg ±	Page number
	Xclear Xpert-Series										
XP01403	Xpert HDPE 40 W	3	6	12	1 x 40 W Amalgam	LightTech	1½"	44,7	20,5	3,25	10
XP01803	Xpert HDPE 80 W	6,5	6	12	1 x 80 W Amalgam	LightTech	1½"	69,2	20,5	3,25	10
XP01404	Xpert HDPE 40 W Signal	3	6	12	1 x 40 W Amalgam	LightTech	1½"	44,7	20,5	3,25	10
XP01804	Xpert HDPE 80 W Signal	6,5	6	12	1 X 80 W Amalgam	LightTech	1½"	69,2	20,5	3,25	10
XP07082	Xpert Buster 80 W 114 Ø	20	4	20	1 x 80 W	LightTech	2 "	93	72	9,5	12
XP07132	Xpert Buster 140 W 154 Ø	39	4	28	1 x 140 W Amalgam	LightTech	2,5 "	93	72	12,4	12
XP07392	Xpert Buster 420 W 420 Ø	49	2,5	49	3 x 140 W Amalgam	LightTech	3 "	93	70,4	28	12
XP02752	Xpert Inox UV-C 75 W	18	5	23	1 x 75 W	Philips	2" Male thr.	100	78,5	9,5	14
XP02132	Xpert Inox UV-C 130 W Amalgam	22	5	23	1 x 130 W Amalgam	Philips	2" Male thr.	100	78,5	9,5	14
XH01406	Xpert Inox Immersion UV-C 40 W Amalgam	--	5	--	1 x 40 W Amalgam	VGE	--	46	--	2,5	16
XH01806	Xpert Inox Immersion UV-C 80 W Amalgam	--	5	--	1 x 80 W Amalgam	VGE	--	81,6	--	2,5	16
XH01407	Xpert Inox Immersion UV-C 40 W Amalgam Signal	--	5	--	1 x 40 W Amalgam	VGE	--	46	--	2,5	16
XH01807	Xpert Inox Immersion UV-C 80 W Amalgam Signal	--	5	--	1 x 80 W Amalgam	VGE	--	81,6	--	2,5	16
XH01408	Xpert Inox Immersion UV-C 40 W Amalgam TC	--	5	--	1 x 40 W Amalgam	VGE	--	46	--	2,6	16
XH01808	Xpert Inox Immersion UV-C 80 W Amalgam TC	--	5	--	1 x 80 W Amalgam	VGE	--	81,6	--	2,6	16
XH01409	Xpert Inox Immersion UV-C 40 W Amalgam Signal TC	--	5	--	1 x 40 W Amalgam	VGE	--	46	--	2,7	16
XH01809	Xpert Inox Immersion UV-C 80 W Amalgam Signal TC	--	5	--	1 x 80 W Amalgam	VGE	--	81,6	--	2,7	16
	Xclear Series										
XH04402	Jumbo Tech UV-C 40 W	11	2,5	23	1 x 40 w	LightTech	63 / 50 / 1½"	99	77,2	2,5	20
XH04752	Jumbo Tech UV-C 75 W	16	2,5	23	1 x 75 W	LightTech	63 / 50 / 1½"	99	77,2	2,5	20
XH06132	Jumbo Tech UV-C 130 W	22	2,5	23	1 x 130 W Amalgam	LightTech	63 / 50 / 1½"	99	77,2	4,6	20
XE04402.1	Flex INOX UV-C 40 W	20	2,5	23	1 x 40 W	LightTech	63 / 50 / 1½" 40/32/25	75	54,5	3,75	22
XE04752.1	Flex INOX UV-C 75 W	25	2,5	23	1 x 75 W	LightTech	63 / 50 / 1½" 40/32/25	75	54,5	3,75	22
XE09422	Pond UV-C 42 W	14	1	15	1 x 42 W	VGE	65 38/32	55	26	6	22
XP01402	Immersion UV-C 40 W	--	5	--	1 x 40 W	LightTech	--	80	--	2,6	26
XP01752	Immersion UV-C 75 W	--	5	--	1 x 75 W	LightTech	--	80	--	2,6	26
XP01402.1	Immersion UV-C 40 W Amalgam	--	5	--	1 x 40 W Amalgam	LightTech	--	51	--	2,3	26
XP01802	Immersion UV-C 80 W Amalgam	--	5	--	1 x 80 W Amalgam	LightTech	--	75,4	--	2,7	26
XP08402	Module UV-C 40 W Amalgam	--	2,5	--	1 x 40 W Amalgam	VGE	--	58	--	2,1	28
XP08802	Module UV-C 80 W Amalgam	--	2,5	--	1 x 80 W Amalgam	VGE	--	58	--	2,3	28
XP09402	Module UV-C 40 W Amalgam Signal	--	2,5	--	1 x 40 W Amalgam	VGE	--	58	--	2,2	28
XP09802	Module UV-C 80 W Amalgam Signal	--	2,5	--	1 x 80 W Amalgam	VGE	--	58	--	2,4	28

Xclear notities

About VGE

VGE B.V. is the expert in the field of UV-C disinfection. With an international perspective, we closely follow the latest developments and technologies to contribute to a sustainable and future-oriented water industry. Driven by a passion for technology and extensive knowledge of UV-C, we develop innovative systems for swimming pools (Blue Lagoon), ponds (Xclear), and the industrial market (VGE Pro).

Clean Water Since 1982

Water and UV-C technology are at the heart of VGE. Since 1982, we have been developing and manufacturing UV-C technology for water disinfection. Over 40 years of experience and an unparalleled passion for our products, we have grown into an international market leader with a global impact.

From our modern headquarters in Schijndel, we export to more than 80 countries and provide customized solutions.

Sustainability and Innovation Under One Roof

Our facility is more than just a workplace, it reflects our core values of sustainability and innovation. With the construction of our new building in 2021, we made conscious choices, including the installation of 365 solar panels, making our building almost completely energy neutral. Additionally, our building operates entirely without natural gas, eliminating the need for fossil fuels.

It stands as tangible proof that technology and sustainability can go hand in hand, directly contributing to a greener future.

Our people make the difference

At VGE, it's not just about technology, it's about the people who make our UV-C disinfection solutions possible. Our close-knit team of dedicated colleagues works passionately every day to create innovative solutions for clean and safe water. Thanks to our integrated approach and short lines of communication within the organization, we are flexible, solution-oriented, and reliable. Our people are what make VGE what it is, and we're proud of that.

Continuing to Innovate

Water is always in motion, and so is VGE. From optimizing existing products to developing entirely new systems, quality, reliability, and innovation form the foundation of everything we do. Our product developers ensure that our technology meets the highest market standards and complies with all applicable safety regulations.

With our experience, global customer base, and future-focused vision, we work every day on the next step forward.

Welcome to VGE!

Promotional Support

Xclear promotional activities support

At VGE B.V., we realize it's not always easy for wholesalers to convince (potential) customers of new technologies and the latest products they have in stock. New and improved technologies emerge at a high pace. It can be difficult to stay up-to-date of the latest innovations of UV-C pond disinfection systems and pond supplies - let alone convince customers why they should buy them. That's why B.V. came up with Marketing Packages.

To fully prepare for the upcoming pond season and to support promotional activities, Xclear provides her customers with Marketing Packages. Customers receive the Xclear catalogue, UV-C marketing pack and the Pond supplies marketing pack.

In the files they can find:

- Brochures
- Catalogue text and pictures in order to update catalogue/website content
- Product flyers to share with the public
- Product sheets to understand the technology
- The 6 benefits of UV-C disinfection systems for ponds
- Spare part overviews
- Video's

Xclear accelerates your delivery time

As a professional in the pond industry, your challenge is to deliver products in time, all the time. Your challenge is to minimize the time between receipt of a customer order and receipt of the goods from the manufacturer or supplier. That's why at Xclear, our goal is to accelerate your delivery time and therefore your customer service. One of the top priorities is the continuous increase of our performances. One way to enable this is by constantly improving our time to market.

This way you are able to:

- Control your planning more adequately
- Manage your stock better

Currently, we deliver to more than 70 countries worldwide. As transparency is highly valuated with Xclear, appointments considering delivery and service are always predetermined.

Our service benefits are clear, now it's time to share them with the world! If you require any other information, knowledge of our products or other promotional material, simply contact us and let us know.

General terms and conditions of sale VGE B.V.

- **1. Orders**
- 1.1 VGE B.V. ("VGE") is allowed to accept and reject orders of Buyer at its sole discretion. An agreement will be deemed to have been concluded after VGE has confirmed an order placed by the Buyer, or has commenced the execution of that order.
- 1.2 All offers of VGE are valid for a maximum of 30 calendar days.
- 1.3 In the event that an agreement is concluded by e-mail, an agreement may be concluded without VGE having to fulfill any conditions provided by law pertaining to electronic communication and/or electronic conclusion of agreements.
- 1.4 The Buyer will be entitled to cancel an order only after receiving written consent from VGE, which consent may be made subject to conditions as deemed appropriate by VGE.

- **2. Delivery**
- 2.1 Unless otherwise agreed in writing, the goods will be delivered Ex Works, Incoterms 2010 or, if any, a more recent version of the Incoterms. The Buyer will be obliged to take delivery of the goods upon VGE's request.
- 2.2 Any delivery times quoted or agreed on by VGE may not be considered to be firm deadlines, unless explicitly agreed otherwise in writing between the parties. In the event of late delivery, VGE must be declared to be in default in writing, in which connection VGE will be granted a reasonable term of at least 14 calendar days as of the date of the receipt of notification to fulfill its obligations. In the event that such extended term is exceeded, the Buyer will be entitled to dissolve the agreement or part of the agreement only with respect to the goods not delivered. In such an event, VGE will not be liable to pay damages, unless such damages are the consequence of gross negligence or willful misconduct of VGE's executive management.
- 2.3 VGE is entitled to deliver and invoice the goods in installments, unless the goods in question do not have any stand-alone value in VGE's opinion.
- 2.4 If at the request of Buyer VGE holds a specified stock of goods that the Buyer can order on demand, the Buyer will order such goods within 6 months from the date of the Buyer's request to keep such goods in stock. If the Buyer fails to do so, he will nevertheless be liable to pay the purchase price. Unless agreed otherwise the delivery time for goods that are available on demand is 15 working days from the day of the order.
- 2.5 The Buyer is obliged to accept delivery of the goods upon VGE's request. If Buyer fails to accept delivery, the Buyer will be liable for all costs and damages resulting therefrom, including but not limited to the costs of storing and re-delivering the goods.
- 2.6 VGE will be entitled to charge the costs of any packaging separately. The packaging will not be taken back. Should VGE, however, be obliged by law or any regulations to take packaging back, any costs related to taking back or processing packaging will be borne by the Buyer.

- **3. Price and Payment**
- 3.1 Unless explicitly agreed otherwise in writing, all prices are quoted exclusive of VAT, transport and insurance costs and all other costs. A quoted or agreed price is valid for one order only, unless the parties have explicitly agreed otherwise in writing.
- 3.2 VGE will be entitled to adjust prices agreed upon before delivery in the event of increases in cost- determining factors such as fluctuations in exchange rates, raw materials, labor costs or in the event of government measures, provided that such increases or measures occurred after the conclusion of the agreement but before delivery.
- 3.3 Unless explicitly agreed otherwise in writing, the Buyer will pay the entire purchase price in advance upon placement of an order, in euros and by transfer to or deposit into an account indicated by VGE, without any deduction, discount or set-off. Submission of a complaint will not suspend the Buyer's obligation to pay.
- 3.4 If the Buyer fails to timely make a payment in accordance with article 3.3, the Buyer will be in default and all claims of VGE will become fully due and payable immediately, without prejudice to any other rights that VGE may have by under these terms and conditions or the law.
- 3.5 If at any time VGE International B.V. has doubts as to the Buyer's creditworthiness, VGE International B.V. will have the right, before commencing or continuing its obligations, to require the Buyer to provide adequate security in the amount of the sums which are or will be owed to VGE International B.V. by the Buyer, whether or not immediately payable, under the agreement, all at VGE International B.V.'s discretion.
- 3.6 In the event of untimely payment, VGE will be entitled to compensation of all extra-judicial costs, including but not limited to costs involved in sending reminders, one or more notices of default or demand notices, which extra-judicial costs will amount to at least 15% of the total amount payable, subject to a minimum of EUR 500, without prejudice to any other rights that VGE may have by virtue of these terms and conditions or the law.
- 3.7 In the event that VGE is fully or largely successful in legal proceedings against the Buyer, the Buyer will be obliged to compensate all costs incurred by VGE in connection with such proceedings, even to the extent that such costs exceed the cost award made by the court. VGE may invoke this clause irrespective of whether the Buyer has appealed against the relevant judgment at the court of appeal or the Supreme Court.

- **4. Retention of title**
- 4.1 VGE will retain title to all goods delivered and to be delivered to the Buyer until full payment of all purchase amounts has been received, as well as any amounts owed by the Buyer pertaining to work performed by VGE in connection with such purchase agreements and any claims pursuant to any failure in the performance of such agreements on the part of the Buyer.
- 4.2 The Buyer will be obliged to store the goods delivered under retention of title with due care, ensuring that they are recognizable as the property of VGE. In addition, it will be obliged to insure such goods against, inter alia, fire and water damage and theft. The Buyer will pledge to VGE any claims it has pursuant to such insurance policies upon VGE's first request, as additional security with respect to VGE's claims against the Buyer.
- 4.3 In the event that the Buyer fails in the performance of any obligation vis-à-vis VGE, or in the event that VGE has good reason to fear that the Buyer will fail in the performance of its obligations, VGE will be entitled to recover the goods delivered under retention of title or to have such recovered, even when the goods have to be detached. The Buyer will cooperate accordingly. The Buyer will bear the costs of recovery, without prejudice to VGE's right to further damages.

- **5. Characteristics of Goods**
- 5.1 The goods will comply with any specifications explicitly agreed upon in writing and be free from defects in material and workmanship under normal use consistent with VGE's instructions for a period of 12 months from delivery to the Buyer.
- 5.2 Any and all images and specifications of goods in catalogues, price lists, advertisements, etc. and any samples of the goods must be deemed to be representations by approximation only, unless VGE has explicitly indicated the contrary in writing with regard to a specific delivery.
- 5.3 If the goods are intended to be used in a country outside the Netherlands, VGE is not responsible to ensure that the goods comply within any laws and other requirements applicable in such other country, unless the parties have (i) explicitly agreed otherwise in writing and (ii) the Buyer has correctly informed VGE on the exact content of such requirements.
- 5.4 VGE is at all times entitled to effect adjustments in the goods to be delivered, in order to improve them or comply with government regulations.
- 5.5 VGE has no obligation and Buyer shall have no rights in relation to any characteristics and/or performance of the goods other than the characteristics and the performance that are applicable or agreed pursuant to this article 5.

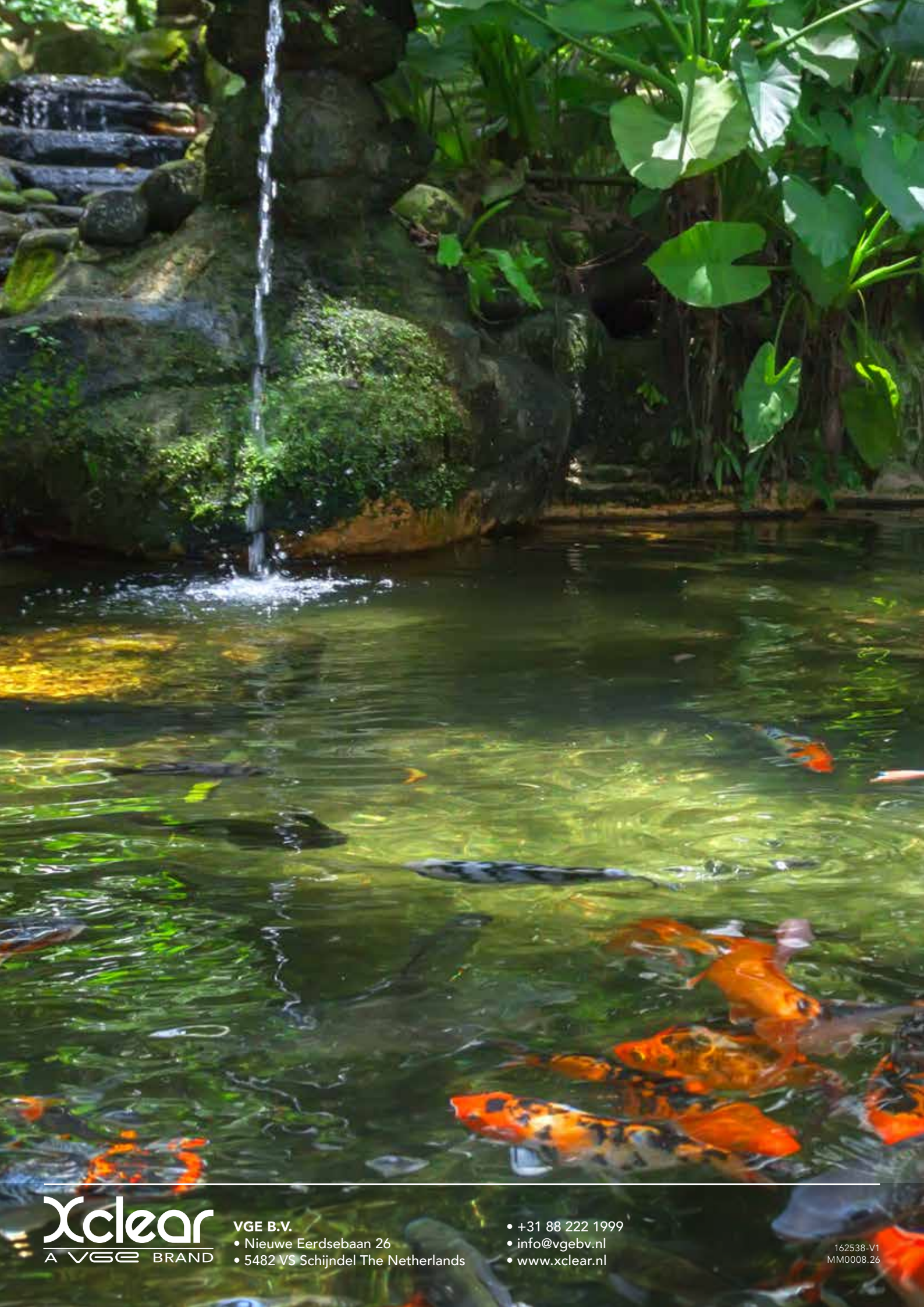
- **6. Complaints and Inspection**
- 6.1 The goods delivered must be checked by or for the Buyer upon delivery with respect to numbers and visible defects and any shortages or visible defects must be reported to VGE within 3 working days after delivery. The Buyer must report defects not visible upon delivery within 3 working days of their discovery, though in any event within 3 working days after the time that the Buyer should reasonably have discovered them.
- 6.2 The Buyer will be obliged to perform the inspection or to have the inspection performed with due care, upon receipt of the goods. The Buyer will bear the risk for inspecting the goods by means of random checks and may not rely on the fact that it did not observe a defect that was visible and could have been discovered upon delivery because it—or a third party engaged by it—did not inspect the entire shipment.
- 6.3 In the event that a good does not comply with article 5 of these conditions, VGE will only be obliged—to be decided at the VGE's discretion— to repair the defect, to replace the relevant good or to credit or refund the amount charged in connection with the defective good in whole or in part, according to its own reasonable judgment and to the exclusion of any other rights of the Buyer by law.
- 6.4 The Buyer will not be entitled to any claim if the non-compliance with article 5 cannot be attributed to VGE, e.g. results from any transport, incorrect operation, installation, storage or maintenance by the Buyer or a third party.
- 6.5 Any and all claims for payment of an amount of money and/or repair of the relevant good and/or replacement of the good and/or supply of any missing part, on whatever basis, as well as any right to dissolve the agreement will lapse at the earliest of the following times: a) upon late reporting pursuant to article 6.1 or b) 12 months after the delivery date.

- **7. Liability**
- 7.1 Without prejudice to article 2.2, any liability on the part of VGE on the basis of an attributable failure with respect an agreement concluded with the Buyer will be restricted to the provisions laid down in article 6.3.
- 7.2 VGE will assume no liability with respect to damage as a consequence of or related to any errors or omissions in advice rendered by it, nor will it assume any liability with respect to damage as a consequence of or related to errors or omissions in the processing instructions recommended by it.
- 7.3 Without prejudice to article 7.1, VGE will not—irrespective of the legal basis of the Buyer's claim—be liable for any consequential damages, including but not limited to losses due to delays or loss of data, lost profits and penalties forfeited by the Buyer.
- 7.4 The above-mentioned restrictions with respect to liability will not apply in the event that the damage is the consequence of gross negligence or willful misconduct on the part of VGE's executive management.
- 7.5 The Buyer will indemnify VGE against any damage resulting from claims by third parties in connection with goods supplied by VGE.

- **8. Force majeure**
- 8.1 If VGE fails in the performance of its obligations due to an event of force majeure, it will not be liable. To the extent that the circumstance making performance impossible is not of a permanent nature, VGE's obligations will be suspended. In the event that the period during which performance is not possible due to force majeure exceeds 2 months or is expected exceed 2 months , both parties will be entitled to cancel the agreement, without any obligation to pay the damages that may arise as a result.
- 8.2 In the event that VGE has already partially fulfilled its obligations upon the occurrence of the situation of force majeure, or is only able to fulfill its obligations in part, it will be entitled to separately invoice the part already supplied or the part that can still be supplied and the Buyer will be obliged to pay that invoice as if it pertained to a separate agreement.
- 8.3 A situation of force majeure affecting VGE within the meaning of this article will be deemed to have occurred in the event of, inter alia, strikes, a shortage of raw materials, delay, transport problems, war or threat of war, full or partial mobilization, riots, sabotage, floods, fire or other forms of destruction within VGE's company, lockouts and industrial actions, breakdowns of machines or tools or other breakdowns within VGE's company. A situation of force majeure must also be deemed to have occurred on the part of VGE in the event that one or more of the above-mentioned circumstances occurs within the companies of VGE's suppliers and as a consequence VGE cannot or could not perform its obligations, or cannot or could not perform such in good time.

- **9. Suspension and dissolution**
- Without prejudice to VGE's rights under these terms and conditions or under the law, VGE will at any event be entitled to suspend (further) performance or to dissolve any agreement concluded with the Buyer, in whole or in part, if (i) any goods made available by VGE to the Buyer become subject to attachment, (ii) the Buyer is granted a suspension of payments or is declared bankrupt, (iii) any permits or licenses required for the performance of the agreement are withdrawn, (iv) the Buyer fails to fulfill one or more of its obligations ensuing from any agreement with VGE, (v) VGE has sound reasons to believe that the Buyer is or will be unable to fulfill its obligations under any agreement, or (vi) the Buyer ceases its business or if a change occurs in the control of that business. Any right of the Buyer to suspend performance is hereby excluded.

- **10. Applicable law and dispute resolution**
- 10.1 These terms and conditions and all quotations from and agreements with VGE will be governed by Dutch law. The UN Convention on Contracts for the International Sale of Goods ("CISG") does not apply.
- 10.2 In the event that the Buyer is domiciled in a Member State of the European Union or in Norway, Switzerland or Iceland at the time that proceedings are commenced, any and all disputes relating to these terms and conditions and/or any quotations or agreements to which these terms and conditions are applicable will exclusively be settled by the competent court in Amsterdam, the Netherlands. The above will not affect VGE's right to submit a dispute to the court that would be competent in the absence of this provision.
- In the event that the Buyer is not domiciled in a Member State of the European Union or in Norway, Switzerland or Iceland upon the commencement of proceedings, any and all disputes relating to these terms and conditions and/or any quotations or agreements to which these terms and conditions are applicable will exclusively be settled in accordance with the rules of the Netherlands Arbitration Institute [Nederlands Arbitrage Instituut, or NAI]. Arbitration will take place in Amsterdam, the Netherlands. The case will be submitted to three arbitrators and the arbitration proceedings will be conducted in Dutch.



Xclear
A VGE BRAND

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