

LIVING WATER



For unforgettable moments

FOUNTAIN TECHNOLOGY
CATALOGUE

Oase
PROFESSIONAL



We don't just move water physically – we also move people emotionally.

Dear fountain enthusiasts,

Water has had a special effect on people since ancient times. Is it the movement of waves, the play of light or the sounds we hear that draw us to our lakes, rivers and seas? One thing we do know for sure: The Fountain Technology experts at OASE Professional can recreate this attractive power of nature anywhere – through innovative fountain installations and spectacular show fountains of any size. Today, more than one hundred thousand OASE Fountain Technology projects worldwide captivate millions of people every year. The combination of dynamic water choreographies – perfectly synchronised with music, a brilliant LED light spectrum and innovative special effects – consistently delight visitors and tourists both young and old alike, ensuring unforgettable, moving moments full of joy.

The secret to our success: OASE Fountain Technology combines German engineering, creativity and passion for design. At its core are innovative components that stand out on account of their performance and longevity. From this, our specialists create new and unique systems that meet the respective local challenges and individual requirements. Thanks to a digital control system, the fountain shows can also be reprogrammed over and over again, allowing for fascinating variety. Our international offices and our constantly growing worldwide partner network ensure smooth installation and reliable operation at any time and anywhere. Together with our customers and partners, we continually create unique experiences: We transform public squares, parks and residential areas as well as shopping centres, hotels and company buildings into exciting spaces with a special vibrancy. Sometimes, our work even achieves world records – as you can read about for yourself. We look forward to working with you and putting plenty of new projects into motion!

Sincerely,

Thorsten Muck
OASE CEO



We're willing to take on any challenge. Especially when it's world-record-breaking.

Dancing columns of water that seem to defy gravity, an interplay of millions of colours, the energy of rhythmic music on seemingly endless surfaces – our creative engineers do everything they can to make each fountain captivate people in its own way. And it's all the better for everyone involved when a creation even exceeds the limits of what was previously possible, achieving new world records with sophisticated technology.



Seoul, South Korea

Banpo Bridge (2009) – World record for the longest bridge water feature in the world, with a total length of 1140 m.

How do you transform an ordinary bridge into an attraction that impresses residents and tourists alike? OASE Fountain Technology's answer: We use 38 high-performance pumps that transport 920 tonnes of water from the Han river per minute to 380 specially designed swivel valves, which create digitally controlled water rainbows illuminated by state-of-the-art LEDs over a length of 1140 m.

The result: The bridge connects not only two riverbanks, but also millions of people who marvel at the bridge spectacle together.

Product highlights from the project:

Comet Prec > Page 54

WECS® Software > Page 292



Discover impressive video sequences here:





Bucharest, Romania

Bucharest Fountain Unirii Square (2019) – at 1.4 km,
the longest choreographed fountain in the world

How do you transform a small market square with an old, dilapidated fountain system into a lively place for international encounters in just five months? OASE Fountain Technology's answer: We use 4500 DMX-controlled components for the 44 individual fountains, smart control software to constantly produce new shows with laser projections and special effects, as well as highly motivated planning and implementation teams. The result: The square brings together locals and tourists both young and old alike, who are mesmerised by the ever-changing shows depicting traditional Romanian themes.

Product highlights from the project:

FountainFlame > Page 114

Multi Directional Drive L 3D page > Page 146





Suzhou, China

Xinhu Mingzhu Shopping Centre (2019) – the tallest water curtain in the world with a height of 26.02 metres

How do you make a manager's vision of "letting water fall from the sky" in the lobby a reality? OASE Fountain Technology's answer: We use 537 ultra-fine mylar laces for a total of three curtains of 3 m in diameter, and design a method to allow perfectly proportioned individual drops of water to roll down the threads one after the other like falling rain. The result: The shopping centre has become a magnet for the public, where thousands of people admire the fascinating rain effect every day.

Product highlights from the project:

Mylar lace nozzle 22 MS > *Page 110*

CrownNozzle > *Page 64*



Discover impressive video sequences here:



Fountains in the city – for a more pleasant climate and better quality of life.

Installing fountains in large squares or important buildings was once a matter of prestige for cities. Today, they are in demand for a more important functional role: In the face of increasingly extreme heat waves, they can make a valuable contribution to positively influencing the microclimate in the city and providing local cooling.

It has been proven that cities suffer particularly badly from the consequences of climate change with prolonged high temperatures and drought. Concrete and tarmac heat up and intensify the heat effect. In addition, due to increased soil sealing, there is less and less compensating greenery and fewer trees to provide shade. However, due to the principle of evaporative cooling – which the ancient Romans adopted to cool their homes – fountains can take on this precisely this role.

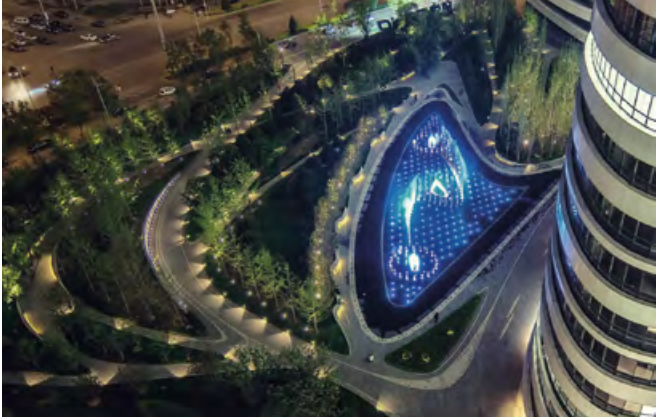
During the evaporation process, water changes from the liquid to the gaseous state, releasing cooler air into the environment. This effect is all the greater when the water is dispersed in the surrounding area in the form of very fine droplets due to swirling motions. This is the reason why the area around a fountain system is perceived as pleasantly cool or even refreshing – as is the case for our splash deck fountains, for example. In addition to the cooling effect, they serve as a particularly fun feature for children. But splash deck fountains also have structural advantages: Nozzles and LED lighting

are embedded almost flush in the floor and, when installed in a fixed manner, are extremely robust and can be driven over. This means that an area with a splash deck fountain can still serve as a space for markets or cultural events.

No matter whether a splash deck fountain or a fountain pool is installed: Fountains also translate to real added value in new, often densely built-up urban residential areas – providing cooling in the summer or serving as a lively meeting spot for local residents. Planners and architects have a wide range of design options to creatively enhance a construction project while at the same time increasing urban quality of life.

A fountain system is also ideal for office and company complexes as a cooling oasis for employees. Not least because the sound of moving water has a positive effect on people – it provides relaxation and reduces stress, thus improving the quality of work.

Splash deck fountains are true all-rounders. You can transform areas into exciting spaces that encourage socialisation and play or just sitting back and relaxing. They're perfect for the warmer days of the year.



In business districts where all the buildings are close together, a fountain installation can provide small areas to rest and relax. These quiet zones with water movement, noise and music offer residents, employees or tourists small, well-deserved breaks.

It doesn't always have to be big and spectacular. Installations with small water features and fine fountain effects also provide distraction and a pleasant atmosphere. The soundscape encourages visitors to linger and also creates small, peaceful oases.

We create unique fountains for every location.

From indoor fountains in limited spaces to world-record show installations: Together with our customers and partners, we develop individual solutions that uniquely enhance their environment. And no matter where it is, a water installation combined with music and light truly brings any area to life.

Whether it is about making inner cities more attractive, offering customers in shopping malls a special shopping experience, inspiring guests or making an area stand out with a spectacular design: OASE fountains offer real added value, including social, tourism and economic benefits.

With experience, creativity and a flair for architecture, we work with our experienced specialist partners around the world to ensure that our fountain compositions meet the goals and wishes of our customers.



More life in cities:

With fountain systems, municipalities can upgrade inner cities, parks and squares in a purposeful manner, creating new and attractive spaces for residents and visitors. Fountains are not only visual highlights, but also natural meeting places that provide space for relaxation, fun for children and somewhere to cool down on hot days. Fountain systems thus sustainably improve the inner-city quality of life.



A tourist magnet for metropolises:

A show fountain is an attractive opportunity to distinguish global hubs from other world-renowned cities, offering up a new highlight to draw in international tourists. Breathtaking illuminated water choreographies to music, special effects or moving image projections on water curtains offer almost endless possibilities to excite viewers. Thanks to state-of-the-art digital control, new shows can be created again and again, thus encouraging repeat visits.



A captivating attraction for shopping malls:

Shopping with a special experience factor – OASE's fountains can help to create this, too. They draw in more people, create a relaxed atmosphere with the gentle sound of water and thus increase the time that visitors spend in the area. Sophisticated nozzle designs and technical expertise ensure that the water only gets where it is supposed to go, and that there is no risk of visitors slipping. Of course, a fountain can also be installed in a single shop, where it can serve as a unique room divider.



A design statement for businesses:

Every business has its own character, and a fountain system can be used to emphasise it further. It can be installed as an architectural highlight in corporate design colours in front of the building, or as an eye-catching feature for the foyer, where it provides a soothing soundscape and a pleasant air atmosphere. In any case, with the appropriate light and water effects, we ensure that your message is delivered to employees and business contacts.



An appealing feature for large premises:

How do you make new office complexes or residential areas even more attractive for future users or investors? With a modern fountain system, which gives the premises a certain liveliness and additional flair. It provides a perfect common area for employees, residents and visitors to meet. Harbour areas or marinas can also benefit from OASE fountains: Due to the high-quality and particularly durable materials used, a large number of our components are also suitable for saltwater.



Highlights for hotels, casinos and entertainment:

People want to experience something special in their leisure time or on holiday – and a strikingly arranged and illuminated outdoor fountain is the perfect invitation for them to do so. As a high-quality, attractive, eye-catching installation, it attracts potential guests from afar. As an indoor installation, it underlines the special character of the location, can act as a room divider and makes visitors' stays an exceptionally pleasant affair.

One of our favourite traditions: Breaking new ground.

Our engineers and technicians always welcome new challenges, which they meet with commitment, expertise and – above all – creativity. One example of an individual and outstanding water installation is the designer fountain for the exhibition centre of the rice wine producer Shazhou Youhuang. The concept and its implementation fascinate our customers as well as the visitors to the exhibition.



Suzhou, China

Shazhou Youhuang Rice Wine Exhibition Centre (2021)

Designer fountain for the exhibition centre of the well-known rice wine producer Shazhou Youhuang

How do you capture the spirit of a millennia-old rice wine tradition in a fountain installation and fit it into the existing building complex? OASE Fountain Technology's answer: Take 1724 clay rice wine jugs, arrange them into two nine-storey flattened pyramids, install 1840 custom-made nozzles with an integrated fog system and round off the whole design with a 740 m LED strip.

The result: An installation that fascinates visitors and guests with an atmospheric ambience and, above all, perfect harmony, which in China promises luck to clients and visitors.

Product highlights from the project:

Mist effects > Page 118



Discover impressive video sequences here:



We achieve great success with attention to every detail.

Variety, vivacity and sophistication can, if composed correctly, unleash just as much power as a big bang. For the newly built and spacious leisure, residential and business district of Al Liwan, we relied on many smaller elements to breathe life into the entire area and surprise passers-by again and again. A retractable splash deck system that turns into a pond, a walk-through water arc and illuminated small water features all contribute to a harmonious overall composition that lends the quarter an extraordinary character.



Hamala, Kingdom of Bahrain

Al Liwan, Bahrain (2021) – an ensemble of diverse water features for a new residential and business district

How do you enhance and vividly design a spacious area with fountains? OASE Fountain Technology's answer: Take a central, larger water feature and add eight smaller ones to accompany passers-by and residents throughout the entire area, creating a unique ambience.

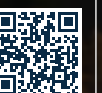
The entire Al Liwan project was even awarded the Arabian Property Award (2021–2022) for one of the best mixed-use real estate development projects in Bahrain and the Middle East Economic Digest (MEED) award for Commercial Project of the Year.

Product highlights from the project:

Schaumspudler fountain effect > [Page 70](#)
Varionaut 150 > [Page 184](#)



Discover impressive video sequences here:



Making saltwater dance: With team spirit and the highest material quality.

At OASE Fountain Technology, we like to work on solutions for special challenges – and the musical saltwater fountain on Dilmunia Island is one particularly special example. Thanks to carefully selected components with high-quality materials, we were able to design a system that makes no compromises in terms of design and longevity.



Dilmunia Island, Bahrain

Dilmunia Canal (2021) – a musical saltwater fountain and water features over 1.7 km in length

How do you transform a new residential and business centre on a saltwater canal into an attraction? OASE Fountain Technology's answer: Take high-quality, saltwater-resistant components, transform them with appropriate installation expertise and turn them into a fully automatic, reliable system that leaves lasting impressions.

The result: The Dilmunia Canal and its surrounding area have become a real attraction not just for its residents, but also for visitors and tourists, thanks to the spectacular water shows.

Product highlights from the project:

Multi Directional Drive L 3D > [Page 146](#)

Varionaut 400 > [Page 188](#)



Discover impressive video sequences here:



OASE Professional. We rethink water.

Under the umbrella of OASE Professional, our passion for water is realised in two divisions: While **OASE Fountain Technology** is all about creating fascination with spectacular, creative fountain installations, **OASE Water Technology** is about preserving water in its quality as a natural habitat or as service water.

What both divisions have in common: Every day, our engineers, technicians, developers and scientists use their expertise and research spirit to find new ways to achieve the optimal solution for every customer.

Two divisions, one goal: Make water a new experience.

The two divisions of OASE Professional could not be more different, and yet have many things in common.



Fountain Technology – out of love for detail.

OASE Fountain Technology impresses people all over the world with outstanding technical expertise and creative design power in the planning and realisation of spectacular fountain systems. Whether it's the longest show fountain in the world or the tallest indoor water curtain: With state-of-the-art, digitally controlled pumps and nozzles as well as impressive LED and special effects, the specialists and expert partners from OASE

Fountain Technology create fountain systems that captivate passers-by, tourists and customers time and time again. As an innovation leader in the industry, we are constantly developing new, never-before-seen effects, while at the same time making the systems more intelligent and efficient. Sophisticated solutions ensure that installation and operation are not only safe and reliable, but also cost-effective in the long-term.



Discover more here.

Water Technology – for water as it should be.

With our innovative, sustainable water therapy, we solve acute water problems quickly and sustainably, with maximum protection for flora and fauna. From analysis and sampling through to the specific treatment steps and final scientific documentation, we offer full transparency and cooperation

during every step. As part of technical water treatment, we develop solutions and processes to treat water in different initial states – e.g. grey water, contaminated water or water demineralised by osmosis. We bring this water back to a balanced, usable state with the desired parameters and qualities.



Discover more here.



The basis for customer satisfaction: living up to our values together.



The special thing about our work is that every customer project is unique. Each type of water and body of water has its own requirements, for which our experts at OASE Water Technology develop an individual approach. Every new fountain system to be designed has its own local or technical challenges, which the engineers at OASE Fountain Technology meet with expertise and creativity.

However, the ultimate goal for both sectors is to make the wishes and goals of each customer our own – and to convince and inspire them with innovative and economical solutions. This is because the basis for our success lies in the shared values that we embody and implement on a daily basis. This is why our customers are at the heart of our values.

We are responsible – not just for the successful execution of a project and for adherence to the budget, but also – and always – for the protection of nature and the efficient use of resources in the interests of the environment and society.

We rely on trust – in relation to our employees and in our work with our customers. Trust is the foundation for positive developments, shared success and long-term relationships.

We value openness – we address problems directly, but we also value criticism and suggestions for improvement from all sides. Mutual listening and understanding often opens the way to better solutions.

We are focused – processes are systematically planned and tasks prioritised in accordance with the common project goals. Our structures enable a high degree of efficiency and effectiveness.

We remain agile – by constantly questioning tried-and-tested practices to become even better. We respond quickly and flexibly to the unexpected to achieve the desired goal.

We are committed to working together – both internally and externally, with our customers and our global partners. We are experienced team players and appreciate our cooperation with architects, planners, consortia and authorities.



From idea to true delight: Your partner at every stage of your project.

Your goal is a captivating fountain system – the path to achieve it requires professionalism, teamwork and expertise at every step.



WHAT YOU CAN COUNT ON WITH OASE – HANDS DOWN:

OUR DESIGN PROMISE

Your fountain installation will always be something special. We offer you tailored design options both during the initial concept and when you are up and running, since it's always possible to program new shows or lighting effects at any time.

OUR COST PROMISE

You can count on our excellent value for money. We offer great value for money by adapting designs and components in the best way possible.

OUR SERVICE PROMISE

We are here for you. With reliable service provided by contacts at our OASE branches, as well as our trained OASE partners. And even from afar, we are able to see what you see and advise you with the help of OASE RemoteAssist. www.oase-professional.com



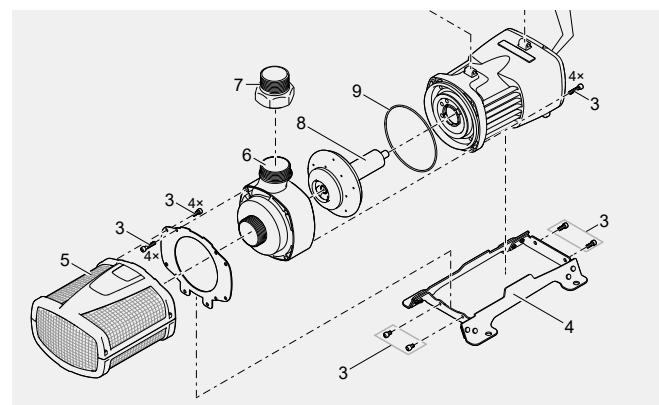
What our partners
can count on: Our
worldwide service.

OASE fountains are captivating more and more people all over the world. This development is not only the result of continuous innovation and cutting-edge technology, but also stems from the trust and cooperation with our OASE Fountain Technology partners. Together, we ensure that our fountain projects continue to inspire and that our customers can rely on our fast and first-class performance.



Would you also like to join our partner network and become a certified Fountain Technology Partner?

Find out more here.



Fast spare parts delivery for functioning fountain systems and satisfied customers

To ensure that our specialist partners can offer an optimal replacement and repair service in the event of defects or maintenance – and also keep downtimes of fountain systems as short as possible – we ship the required spare parts quickly and without any bureaucratic hassle. A prior extensive contractual inspection is not required. We retain original parts for at least seven years, meaning that even older systems can be reliably serviced.



Remain up to date with free firmware and software updates

Even outside of the EEA, we provide our customers with free firmware and software updates for our digital devices – such as the WECS® show controllers – as well as for our free WEPS programming software. These can easily be accessed from anywhere in the world at any time. This ensures that the digital technology is always kept up to date.



Discover more here.



Worldwide 24/7 support with OASE RemoteAssist

If rapid support is required in the event of a show interruption or a product failure, our OASE experts are available as round-the-clock supervisors for our Fountain Technology specialist partners, and can even assist remotely with state-of-the-art technology such as augmented reality.



Discover more here.



Highest competence for first-class advice

Thanks to the proven OASE training programme, our specialist partners are always brought up to date with regard to the technology and capabilities of OASE systems and products. This makes them competent local contacts who provide detailed customer advice and perform further tasks with the utmost care.



Easy setup and commissioning with the portable Service-WECS® controller

Commissioning, maintenance, setup and alignment of even the most complex fountain installations is made easy – even if there is no line of sight to the fountain installation from the technical room with the WECS® controller. This is because our portable WECS® fountain controller – also called Service-WECS® – allows technicians to control and adjust the individual DMX/RDM devices while they are standing in the direct vicinity of the fountain. This small and compact 23.5 cm x 20 cm case allows you to see what the settings are doing in real time.



What you can
always count on:
our commitment
to quality “Made
in Germany”.



As individual as every large or small OASE fountain system may be, they all have one thing in common: They benefit from our uncompromising approach to quality, which is embodied and implemented by our employees every day. Important fountain components are developed in-house and tested and produced in our own plants according to stringent German industry standards. This ensures that every fountain system functions reliably and for many years.

For us, quality means working with the utmost care and precision during every step. This starts with the development of new components using the latest CAD programs. Prototypes are then built and their function is extensively tested in our laboratories. For series production, we use only high-quality materials that are manufactured with the highest precision. Numerous OASE components are even designed for long-term use in challenging environments – e.g. in salt water, which is tough on materials.

That's not all that a commitment to quality means, though: As our customer and specialist partner, you can experience in advance how a fountain system will later look and function in detail. This is thanks to state-of-the-art software, which allows us to create realistic 3D simulations and is also used to programme the shows. And before the actual system leaves our premises, it is completely assembled and extensively tested. Only then is it ready to embark on its journey across the world!

A system for creative possibilities.

The OASE Fountain Technology product portfolio offers everything you need to realise unique fountain projects in every desired dimension. Embedded in smart systems that work together optimally, every single component impresses with high-quality materials, precise manufacturing and first-class performance. And the best part: When everything comes together in perfect coordination, an inspiring fountain performance is guaranteed.



Effect design

The visible proof of our creative engineering, our water and special effects always amaze audiences and ensure unforgettable moments. In addition to the unique water patterns of the Multi Directional Drives, the dynamic formations of the JumpingJets and the spectacular fire effects of the FountainFlames, there are many other variable options available – from water curtains and mist effects to laser shows.

> From page 34



Water movement

In the truest sense of the word, nothing runs without them: the state-of-the-art pumps from OASE. DMX/RDM-controlled pumps in particular, such as our Varionauts, can achieve amazing things: With the utmost precision, they deliver the required volume of water and water pressure needed for an effect at the right time, while our multi-stage submersible pumps reliably supply single or group fountains. And naturally, with OASE, low noise emissions, longevity and high energy efficiency are guaranteed.

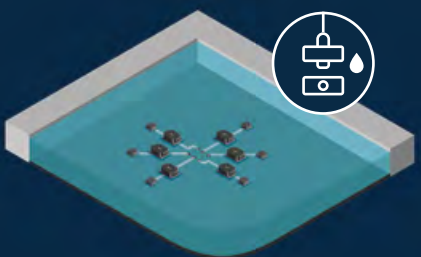
> From page 170



Lighting

The OASE LEDs not only light up the darkness, but also emotionally set the scene for water images with their luminosity and infinite variety of colours. Above and below water, e.g. in the form of the ProfiRing or ProfiPlane, they provide perfect illumination for fountains, splash decks and entire shows. They are highly efficient, durable and always feature a uniform colour image thanks to the calibration involved. Our spotlights in Royal Blue are also an exclusive highlight in the OASE LED range.

> From page 208



Power & programming

OASE's connection and control systems are the central network for every fountain installation. The patented ProNect connectors ensure that power and data cables are connected safely, quickly and efficiently. With protection class IP68, they are guaranteed to be waterproof up to 4 m. In addition, the WECS® III digital control system uses DMX/RDM signals to set every component in action with pinpoint accuracy and, with the appropriate software, play professional shows.

> From page 272



Water quality and installation equipment

Clear success: A first-class and long-lasting fountain requires clear water and good water quality. In this regard, OASE offers various mechanical components with filter systems and skimmers. Alternatively, environmentally friendly water additives can be procured for reliable cleaning. When it comes to installation equipment, we also attach great importance to quality in every detail. We value simple, safe installation – for example, through the use of intelligently designed installation containers, fittings and drains.

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LIVING WATER

EFFECT DESIGN

WATER MOVEMENT

LIGHTING

POWER & PROGRAMMING

WATER QUALITY

INSTALLATION EQUIPMENT

GOOD TO KNOW

OASE SplashKit
The smart overall concept for splash deck fountains.



> Page 160

OASE ProNect
The patented click system for simple, safe and fast connections.



> Page 298

The most important effect: getting a “Wow!” from onlookers.



For creating incredibly special moments and leaving a lasting impression: our creative special effects. From spectacular fountains, dynamic water shows, fire effects and mist to water surfaces for digital projections or laser shows – OASE offers endless possibilities for creating unique performances, which are programmed and controlled digitally via the OASE WECS® system.

Whatever you imagine, we have the creativity and innovative spirit to make it a reality. Our mission is to ensure that every installation “Made by OASE” impresses down to the smallest detail.

Effect design

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FIRE EFFECTS



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MIST EFFECTS



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MOVING EFFECTS



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AirNozzle product system > Page 76

Guide to effect drives > Page 124

SplashKit product system > From page 160

OVERVIEW OF EFFECT DESIGN

Product	Max. fountain height	Suitable for			Voltage	Frequency	DMX/RDM	Plug and Spray	Page
		Fresh water	Pool water	Salt-water					
WATER EFFECTS									
JumpingJet									
JumpingJet Rainbow Star	2.00 m				24 V DC		DMX/RDM	•	46
JumpingJet Rainbow Flash	3.00 m				24 V DC		DMX/RDM	•	48
Single-jet nozzles									
Comet silver	12.00 m								50
Comet T	14.00 m								52
Comet Prec	30.00 m								54
Cluster Eco	19.00 m								56
Hollow jet nozzle	80.00 m***								58
High Jet	16.00 m								60
Geyser Jet	12.00 m								61
Multi-jet nozzles									
Grand Vulcan	8.00 m								62
Trumpet Jet	10.00 m								63
CrownNozzle	5.00 m								64
Vulcan	15.00 m								66
Finger nozzle	4.00 m								68
Foam effect nozzles									
Schaumsprudler fountain nozzle	10.00 m								70
Cascade	20.00 m								72
Geyser	30.00 m								74
Air-operated nozzles									
AirNozzle S	20.00 m				24 V DC				78
AirNozzle L/XL	70.00 m***				24 V DC				82
Transformer nozzles									
VarioJet	9.00 m								86
VarioJet CrownNozzle	9.00 m								88
Orb Nozzle	5.00 m								90
Water whirler									
Rotating nozzle	10.00 m								92
Water fans									
Fan Jet	9.00 m								94
Gushing nozzle	1.20 m								96
Water screen									
WaterScreenNozzle	15.00 m								98

	Product	Max. fountain height	Suitable for			Voltage	Frequency	Control system	Plug and Spray	Page
			Fresh water	Pool water	Salt-water					
	Water domes									
	Lava	0.60 m								100
	Water ball	9.60 m								102
	Water hemisphere	3.60 m								104
	Water walls									
	LiquidArtWall	6.00 m***				220–240 V/ 400 V/ 110–120 V	50 Hz/60 Hz	DMX/RDM		106
	FlashWall	10.00 m				220–240 V/ 110–120 V	50 Hz/60 Hz	DMX		108
	Mylar lace system	26.00 m***								110
	FIRE EFFECTS									
		FountainFlame	8.00 m				220–240 V	50 Hz/60 Hz	DMX/RDM	
BigFlameAqua		10.00 m				220–240 V	50 Hz/60 Hz			116
MIST EFFECTS										
	Mist system	2.00 m								120
	Vapor Effect Nozzle	2.50 m								121
	MOVING EFFECTS									
	Swivel S	8.00 m				24 V DC		DMX/RDM	•	128
	Swivel L	20.00 m				24 V DC		DMX/RDM	•	130
	Rotating module	5.00 m				24 V DC		DMX/RDM	•	132
	Multi Directional Drive S 2D	8.00 m				24 V DC		DMX/RDM	•	134
	Multi Directional Drive L 2D	20.00 m				24 V DC		DMX/RDM	•	138
	Multi Directional Drive XL 2D	30.00 m				24 V DC		DMX/RDM	•	142
	Multi Directional Drive L 3D	5.00 m				24 V DC		DMX/RDM	•	146
	Multi Directional Drive XL 3D	9.00 m				24 V DC		DMX/RDM	•	150
	VarioSwitch	5.50 m				24 V DC			•	154
	VarioDrop	0.90 m				24 V DC			•	158
	SplashCore	5.00 m				24 V DC		DMX/RDM	•	166

* Saltwater product version on request.
 ** See product page.
 *** Larger fountain heights on request.

Water effects



Water effects

JUMPINGJET



JumpingJet Rainbow Star

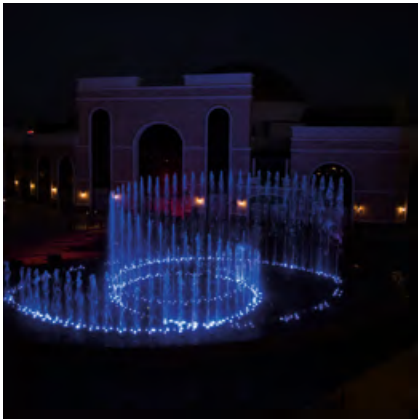
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JumpingJet Rainbow Flash

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SINGLE-JET NOZZLES



Comet silver

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Comet T

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Comet Prec

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Cluster Eco

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Hollow jet nozzle

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High Jet

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Geyser Jet

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Grand Vulcan

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Trumpet Jet

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CrownNozzle

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MULTI-JET NOZZLES



Vulcan

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Finger nozzle

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Schaumsprudler fountain nozzle

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FOAM EFFECT NOZZLES



Cascade

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Geyser

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AirNozzle S, L, XL

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AIR-OPERATED NOZZLES

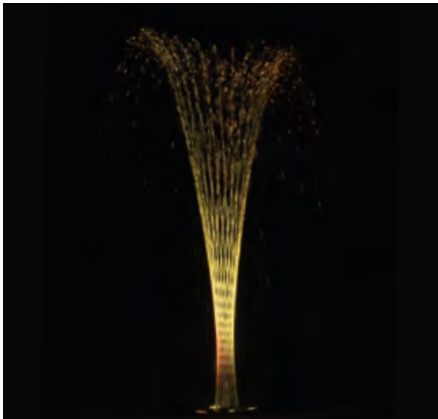
Water effects

TRANSFORMER NOZZLES



VarioJet

> Page 86



VarioJet CrownNozzle

> Page 88



Orb Nozzle

> Page 90

WATER SCREEN



WaterScreenNozzle

> Page 98

WATER DOMES



Lava

> Page 100



Water ball

> Page 102



Mylar lace fountain systems

> Page 110

WATER WHIRLER



Rotating nozzle

> Page 92

WATER FANS



Fan Jet

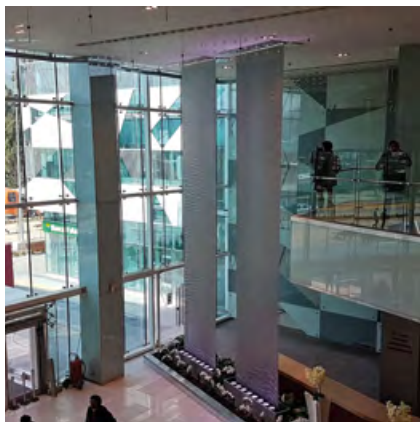
> Page 94



Gushing nozzle

> Page 96

WATER WALLS



LiquidArtWall

> Page 106



FlashWall

> Page 108

The beginnings of the interactive fountain

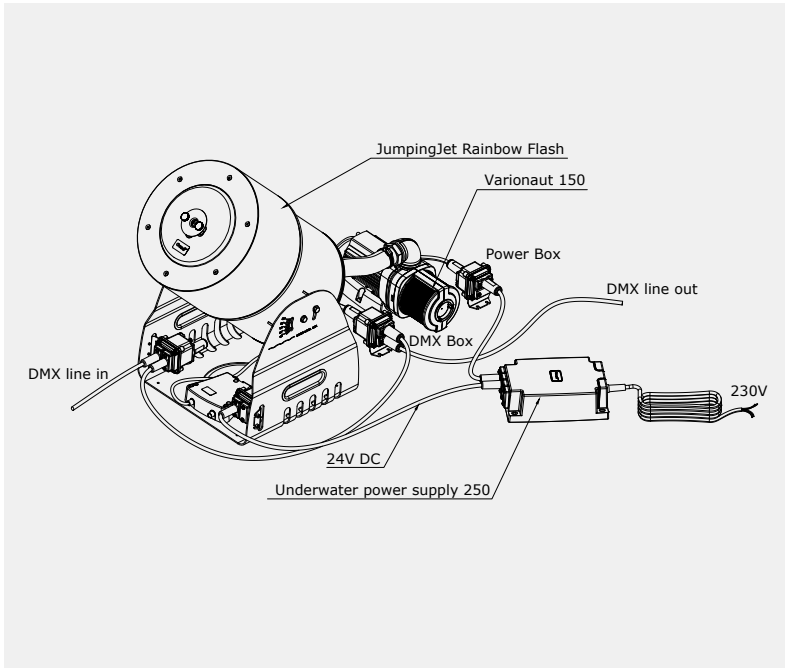
JumpingJets produce clear, controllable and illuminated jets of water, with light transported precisely through this water. They can be used to produce walk-through tunnels made from dancing arcs of water, or to create other playful effects: For instance, the water can be dispensed in a series of small amounts to generate a staccato pattern. When multiple JumpingJets are



positioned in a row, they can create a fascinating tunnel effect.



Innovations: JumpingJet



- + Precise cut-off function for leaping, crystal-clear water effects.
- + Impressive colours make the water jet shine from the inside out. Additional, unique light effect in RGBW thanks to the integrated LED ring (JumpingJet Rainbow Flash).
- + In combination with Varionaut pumps: individually controllable parabolic heights and widths for dancing water features.

The principle

JumpingJets are nozzles featuring stainless steel cut-off devices and water softeners. Although their operating principle is actually fairly simple, it took a huge amount of precision work and engineering skill to perfect the product. Jumping Jets can be used outdoors – by adding them to existing splash decks, for example – and indoors, since they produce virtually no spray.

A perfect system

The impressive benefits are made possible by the optimal interaction of several components in the system – the dynamic Varionaut pump, which can be controlled via DMX, the JumpingJet and the underwater power supply from the ProNect system. Individual choreographies can be programmed in conjunction with the control system using a WECS® controller.

Technical note
The JumpingJet Rainbow Star can produce splashes when the water jets are cut off quickly in succession. The splash water content is negligible if the water jet is operated as a continuous parabola (see graphics on the relevant product pages).

The water must be clear for light to be transported within the water jet. Only then can the point of impact be illuminated through the parabola.

SYSTEM COMPONENTS

						
JumpingJet Rainbow Star	JumpingJet Rainbow Flash	Varionaut – Pumps	Underwater power supply	24 V connecting cable	DMX connecting cable	WECS® III controller
34137	34138	–	50733	–	–	–
> Page 40	> Page 48	> From page 176	> Page 300	> Page 312	> Page 318	> Page 282

JumpingJet Rainbow Star

Water arches with a “wow” effect and a fascinating spectrum of colours



Integrated cut-off device for precise separation of the jet

Powerful RGBW LED lighting for a fascinating spectrum of colours

Individually programmable via DMX/RDM

Dynamic parabolas are possible in conjunction with controllable pumps

24 V DC technology – ideal for combining with the OASE 24 V DC system

Very easy connection via OASE ProNect connector with IP68 protection rating

Crystal clear, laminar water jet in elegant, wide arcs

12 mm jet diameter

Solid with high stability

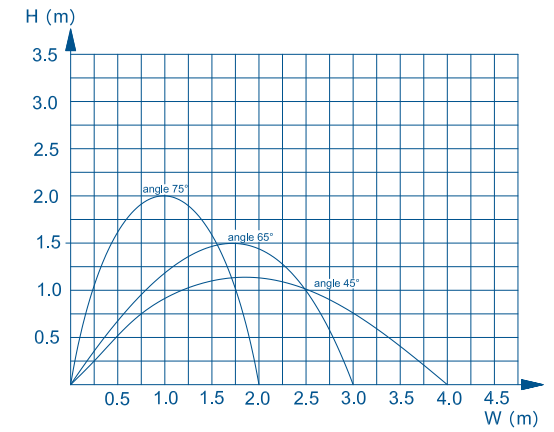


ACCESSORIES

Product		Item no.	Product		Item no.
Aquarius Universal Premium 5000	> Page 198	56617	DMX-Box / 01	> Page 319	57646
Installation kit JumpingJet Rainbow Star	> Page 368	51058	Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Underwater power supply 250/24 V/01	> Page 300	50733	Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable DMX/1.0 m/01	> Page 318	12368	Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable DMX/1.5 m/01	> Page 318	49628	Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable DMX/3.0 m/01	> Page 318	12369	Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
Connecting cable DMX/5.0 m/01	> Page 318	12371	PowerBox 24 V DC/01	> Page 313	50493
Connecting cable DMX/10.0 m/01	> Page 318	12372	WECS® III 512/DMX/02	> Page 282	84966
Connecting cable DMX/20.0 m/01	> Page 318	12373	WECS® III 1024/DMX/02	> Page 282	84967
End resistant for BUS-system DMX/01	> Page 318	12007	WECS® III Multimedia Controller D2	> Page 286	87750



WATER PARABOLA*



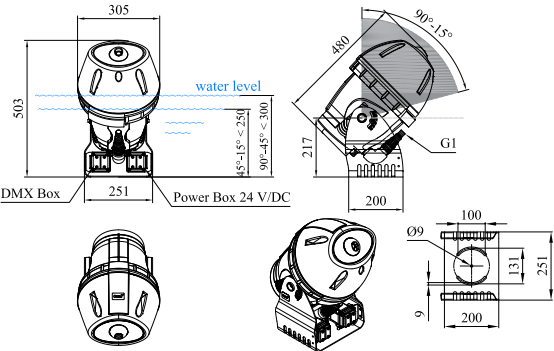
HYDRAULIC DATA – 45° PARABOLA

Fountain width [m]	NWR [l/min]	NPR [bar]	Fountain height [m]
1.50	16	0.10	0.68
2.00	20	0.12	0.81
3.00	24	0.17	1.04
4.00	28	0.22	1.28

*The hydraulic data for the 45°, 65° and 75° water parabolas can be found on our website.

TECHNICAL DATA

Product	JumpingJet Rainbow Star II/DMX/02
Dimensions (L x W x H)	[mm] 478 x 305 x 555
Number of DMX channels	[Unit] 8
Rated voltage	24 V DC
Rated current	[A] 0.83
Light colour	RGBW
Colour temperature LED white	[K] 6500 (± 200)
Power consumption	[W] 20
Jet diameter	[mm] 12
Vertical swivel range	[°] 15–90
Water parabola max., laminar, with lighting	[m] 4.00
Pressure-side connection	G 1
Min. water depth	[m] 0.00
Max. water depth	[m] 0.30
Application conditions: Operation in wet installation	Water temperature: min. 4°C to max. 35°C
Material	Plastic/stainless steel 1.4301 (AISI 304)
Weight	[kg] 10.80
Item no.	34137



No minimum water depth is required

EFFECT DESIGN
Water effects JumpingJet Rainbow Star
Fountain height 2 m
Suitable for Fresh water and pool water
Voltage 24 V DC
Control system DMX/RDM
Plug and Spray



More about the product!

JumpingJet Rainbow Flash

Stainless steel nozzle for water arcs – with innovative lighting ring



- + “Wow” effect: integrated cut-off device for precise separation of the jet
- + Innovative lighting ring with RGBW LED for fascinating colour effects
- + Compact, high-quality stainless steel design
- + Individually programmable via DMX/RDM
- + Dynamic parabolas are possible in conjunction with controllable pumps
- + Solid with high stability, low noise and low vibration
- + Crystal-clear, laminar, arc-shaped water jet with a diameter of 18 mm
- + Also for saltwater on request
- + Easy connection via OASE ProNect connector with IP68 degree of protection



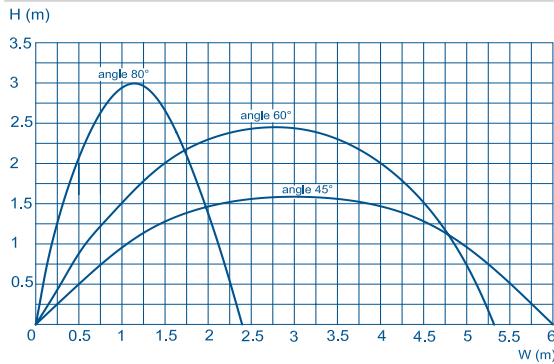
Discover impressive video sequences here:

ACCESSORIES

Product		Item no.	Product		Item no.
ASM water stabilizer Jumping Jet Flash		47736	Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable DMX/1.0 m/01	> Page 318	12368	Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable DMX/1.5 m/01	> Page 318	49628	Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable DMX/3.0 m/01	> Page 318	12369	Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
Connecting cable DMX/5.0 m/01	> Page 318	12371	PowerBox 24 V DC/01	> Page 313	50493
Connecting cable DMX/10.0 m/01	> Page 318	12372	Underwater power supply 250/24 V/01	> Page 300	50733
Connecting cable DMX/20.0 m/01	> Page 318	12373	WECS® III 512/DMX/02	> Page 282	84966
End resistant for BUS-system DMX/01	> Page 318	12007	WECS® III 1024/DMX/02	> Page 282	84967
DMX-Box / 01	> Page 319	57646	WECS® III Multimedia Controller D2	> Page 286	87750
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762			



WATER PARABOLA*



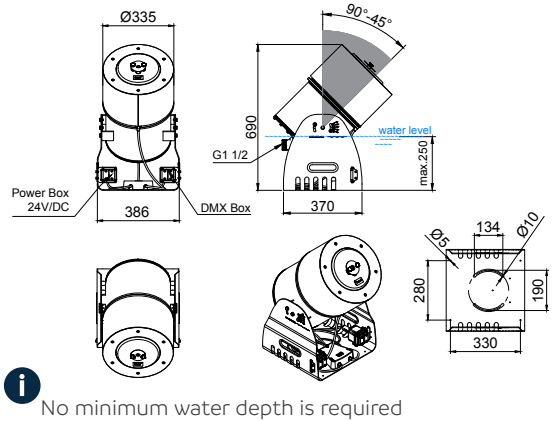
HYDRAULIC DATA – 45° PARABOLA

Fountain width [m]	NWR [l/min]	NPR [bar]	Fountain height [m]
1.50	31	0.05	0.71
2.00	38	0.07	0.83
3.00	48	0.12	1.09
4.00	58	0.17	1.33
5.00	65	0.22	1.56
6.00	71	0.27	1.75

*The hydraulic data for the 45°, 60° and 80° water parabolas can be found on our website.

TECHNICAL DATA

Product	JumpingJet Rainbow Flash III/DMX/02
Dimensions (L × W × H)	[mm] 560 × 386 × 690
Number of DMX channels	[Unit] 8
Rated voltage	24 V DC
Rated current	[A] 0.83
Light colour	RGBW
Colour temperature LED white	[K] 6500 (± 200)
Power consumption	[W] 20
Jet diameter	[mm] 18
Vertical swivel range	[°] 45–90
Water parabola max., laminar, with lighting	[m] 6.00
Pressure-side connection	G 1 ½
Max. operating pressure	[bar] 0.30
Min. water depth	[m] 0.30
Max. water depth	[m] 0.25
Application conditions: Operation in wet installation	Water temperature: min. 4°C to max. 35°C
Application conditions: Operation in dry installation	Ambient temperature: max. 30°C with natural convection, max. 40°C with forced cooling, no direct sunlight allowed
Material	Stainless steel 1.4301 (AISI 304)
Weight	[kg] 39.20
Item no.	34138



No minimum water depth is required

EFFECT DESIGN
Water effects JumpingJet Rainbow Flash
Fountain height 3 m
Suitable for Fresh water, pool water and saltwater
Voltage 24 V DC
Control system DMX/RDM
Plug and Spray

* Saltwater product version on request.



More about the product!

Comet silver

Clear jet nozzle in silver optics

Can be used individually or effectively in groups

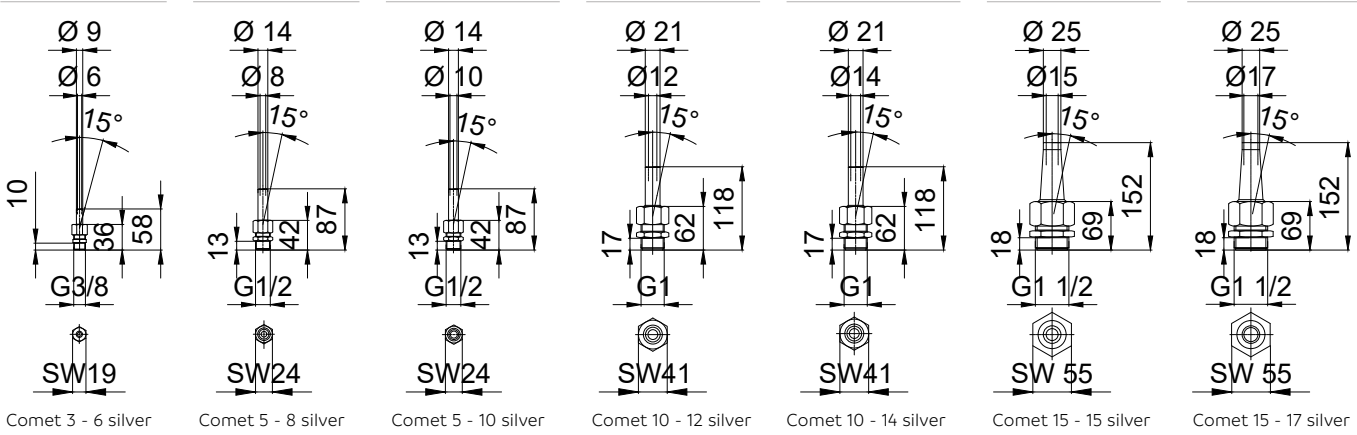
Fountain heights from 0.5 to 12 m

Silver design gives the fountain installation a high-quality appearance

High-quality and durable brass nozzles, nickel-plated and chrome-plated

Flexible with up to 15° vertically swivelling ball joint

Comet 10 - 12 silver and Comet 10 - 14 silver can be combined perfectly with the ProfiPlane LED L Spot/DMX/02 and ProfiRing LED L Spot/DMX/02



EFFECT DESIGN

Water effects
Comet silver

Fountain height
12 m

Suitable for
Fresh water and
pool water

ACCESSORIES *

Product		Item no.
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Reducing sleeve 15 × 10	> Page 367	51032
Reducing sleeve 20 × 15	> Page 367	51030

* For accessories for NPT connection, see page 367.

HYDRAULIC DATA

Fountain height [m]	Comet 3 - 6 silver		Comet 5 - 8 silver		Comet 5 - 10 silver		Comet 10 - 12 silver		Comet 10 - 14 silver		Comet 15 - 15 silver		Comet 15 - 17 silver	
	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
	[l/ min]	[bar]	[l/ min]	[bar]	[l/ min]	[bar]	[l/ min]	[bar]	[l/ min]	[bar]	[l/ min]	[bar]	[l/ min]	[bar]
0.50	4.8	0.06	9.5	0.07	15	0.08	21	0.06	30	0.06	30	0.06	42	0.06
0.75	6.2	0.09	11.5	0.10	19	0.11	25	0.08	37	0.09	37	0.09	52	0.09
1.00	7.2	0.12	12.6	0.13	21	0.14	31	0.11	44	0.12	44	0.11	62	0.11
1.25	8.7	0.15	14.9	0.16	25	0.18	35	0.14	50	0.15	51	0.15	69	0.14
1.50	10.0	0.18	17.0	0.18	28	0.20	39	0.17	55	0.18	57	0.17	76	0.17
1.75	11.1	0.21	18.8	0.21	31	0.25	43	0.21	60	0.21	63	0.21	82	0.19
2.00	12.1	0.25	20.5	0.24	33	0.28	46	0.23	65	0.24	67	0.24	89	0.22
2.50	14.0	0.32	23.4	0.32	37	0.36	53	0.29	73	0.30	76	0.29	100	0.28
3.00	15.6	0.40	26.1	0.39	41	0.44	58	0.35	81	0.37	84	0.35	110	0.34
3.50	-	-	28.5	0.47	45	0.52	63	0.42	87	0.43	91	0.40	119	0.40
4.00	-	-	30.7	0.54	49	0.60	68	0.48	94	0.50	98	0.46	127	0.46
5.00	-	-	-	-	55	0.76	76	0.61	105	0.62	110	0.58	143	0.58
6.00	-	-	-	-	60	0.92	84	0.74	116	0.75	120	0.70	157	0.70
7.00	-	-	-	-	-	-	91	0.87	125	0.88	130	0.82	170	0.82
8.00	-	-	-	-	-	-	98	1.00	134	1.01	138	0.94	182	0.94
9.00	-	-	-	-	-	-	-	-	143	1.14	147	1.06	193	1.06
10.00	-	-	-	-	-	-	-	-	151	1.28	155	1.18	204	1.18
11.00	-	-	-	-	-	-	-	-	-	-	-	-	214	1.30
12.00	-	-	-	-	-	-	-	-	-	-	-	-	222	1.40

TECHNICAL DATA

Product	Comet 3 - 6 silver	Comet 5 - 8 silver	Comet 5 - 10 silver	Comet 10 - 12 silver	Comet 10 - 14 silver	Comet 15 - 15 silver	Comet 15 - 17 silver
Dimensions (dia. × H)	[mm] 22 × 58	28 × 87	28 × 87	47.3 × 118	47.3 × 118	63.3 × 152	63.3 × 152
Nozzle opening	[mm] 6	8	10	12	14	15	20
Material	Double-coated brass						
Weight	[kg] 0.06	0.12	0.11	0.45	0.44	0.96	0.96
Item no.	50721	50762	50722	45454	50723	48276	50724

Comet T

Clear jet nozzle

Can be used individually or effectively in groups as small to medium-sized clear jet nozzles

Fountain heights from 0.5 to 14 m

High-quality and durable brass nozzles

With ball joint, flexibly swivelling up to 15°

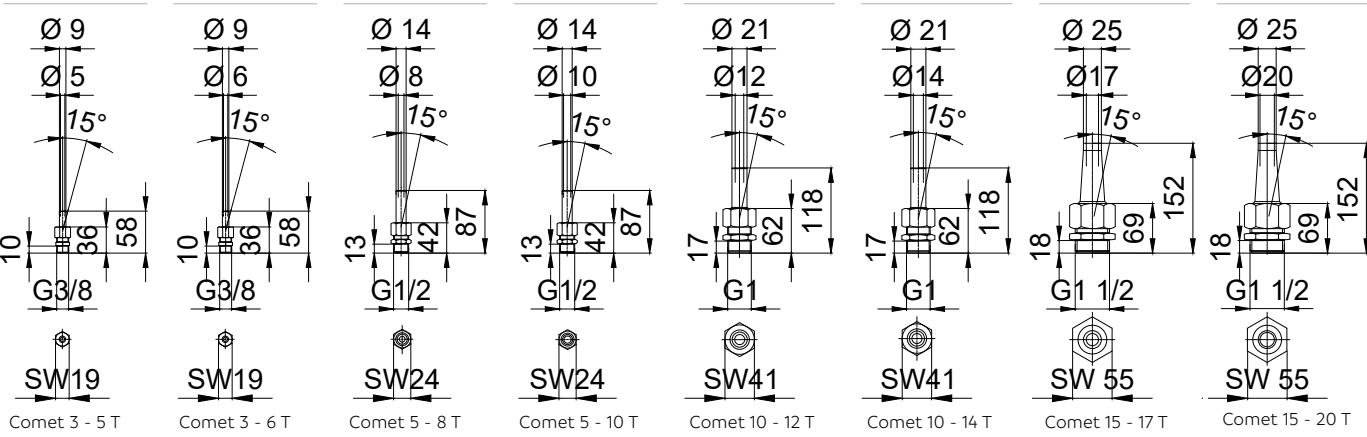
Comet 10 - 12 T and Comet 10 - 14 T can be perfectly combined with ProfiPlane LED L Spot/DMX/02 and ProfiRing LED L Spot/DMX/02

Comet T/NPT available as required in versions 3 - 6, 5 - 8, 5 - 10, 10 - 12, 10 - 14, 15 - 17 and 15 - 20



With flow straightener for a clear water jet

Comet T is available as required in versions 3 - 5, 3 - 6, 5 - 8, 5 - 10, 10 - 12, 10 - 14, 15 - 17 and 15 - 20



EFFECT DESIGN

Water effects
Comet T

Fountain height
14 m

Suitable for
Fresh water

ACCESSORIES *

Product		Item no.
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Reducing sleeve 15 × 10	> Page 367	51032
Reducing sleeve 20 × 15	> Page 367	51030

* For accessories for NPT connection, see page 367.

HYDRAULIC DATA

	Comet 3 - 5 T		Comet 3 - 6 T		Comet 5 - 8 T		Comet 5 - 10 T		Comet 10 - 12 T		Comet 10 - 14 T		Comet 15 - 17 T		Comet 15 - 20 T	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
0.50	3.8	0.07	4.8	0.06	9.5	0.07	15	0.08	21	0.06	30	0.06	42	0.06	59	0.06
0.75	5.3	0.09	6.2	0.09	11.5	0.10	19	0.11	25	0.08	37	0.09	52	0.09	74	0.08
1.00	6.3	0.13	7.2	0.12	12.6	0.13	21	0.14	31	0.11	44	0.12	62	0.11	88	0.13
1.25	7.2	0.15	8.7	0.15	14.9	0.16	25	0.18	35	0.14	50	0.15	69	0.14	99	0.16
1.50	8.0	0.18	10.0	0.18	17.0	0.18	28	0.20	39	0.17	55	0.18	76	0.17	110	0.17
1.75	8.7	0.22	11.1	0.21	18.8	0.21	31	0.25	43	0.21	60	0.21	82	0.19	119	0.21
2.00	9.3	0.25	12.1	0.25	20.5	0.24	33	0.28	46	0.23	65	0.24	89	0.22	128	0.22
2.50	-	-	14.0	0.32	23.4	0.32	37	0.36	53	0.29	73	0.30	100	0.28	144	0.28
3.00	-	-	15.6	0.40	26.1	0.39	41	0.44	58	0.35	81	0.37	110	0.34	158	0.34
3.50	-	-	-	-	28.5	0.47	45	0.52	63	0.42	87	0.43	119	0.40	171	0.39
4.00	-	-	-	-	30.7	0.54	49	0.60	68	0.48	94	0.50	127	0.46	184	0.45
5.00	-	-	-	-	-	-	55	0.76	76	0.61	105	0.62	143	0.58	206	0.57
6.00	-	-	-	-	-	-	60	0.92	84	0.74	116	0.75	157	0.70	227	0.69
7.00	-	-	-	-	-	-	-	-	-	0.87	125	0.88	170	0.82	245	0.81
8.00	-	-	-	-	-	-	-	-	-	1.00	134	1.01	182	0.94	263	0.92
9.00	-	-	-	-	-	-	-	-	-	-	143	1.14	193	1.06	279	1.04
10.00	-	-	-	-	-	-	-	-	-	-	151	1.28	204	1.18	294	1.16
11.00	-	-	-	-	-	-	-	-	-	-	-	-	214	1.30	309	1.28
12.00	-	-	-	-	-	-	-	-	-	-	-	-	222	1.40	323	1.40
13.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337	1.52
14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350	1.64

TECHNICAL DATA

Product	Comet 3 - 5 T	Comet 3 - 6 T	Comet 5 - 8 T	Comet 5 - 10 T	Comet 10 - 12 T	Comet 10 - 14 T	Comet 15 - 17 T	Comet 15 - 20 T
Dimensions (dia. × H)	[mm] 19 × 58	21.9 × 58	27.6 × 87	27.6 × 87	47.3 × 118	47.3 × 118	63.3 × 152	63.3 × 152
Nozzle opening	[mm] 5	6	8	10	12	14	17	20
Material	Brass							
Weight	[kg] 0.05	0.05	0.12	0.11	0.46	0.44	1.02	0.92
Item no. NPT	-	89012	89013	89014	89015	89016	89017	89018
Item no.	50959	50960	50964	50965	50968	50969	50970	50971

Comet Prec

Spectacularly high water features: Fountains up to 20 or 30 m high

⊕ Extra-strong single-jet nozzles for impressive fountain heights of up to 20 or 30 m.



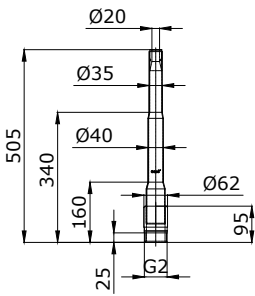
⊕ Regardless of the water level, the Comet Prec generates a crystal-clear, wind-stable full jet

⊕ **Dynamic+**
Für Wow-Effekte in Kombination mit Fontänenaußensätzen.

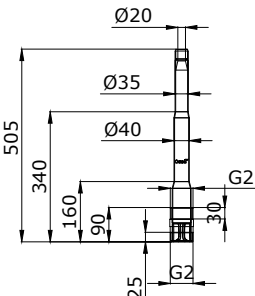
> See page 124

⊕ Depending on the design, can be perfectly combined with Multi Directional Drive L 2D or XL 2D

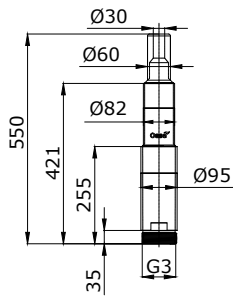
⊕ Available as required in medium-sized stainless steel or large-sized stainless steel and plastic versions



Comet Prec 20 - 20 silver



Comet Prec 20 - 20 silver DT



Comet Prec 30 - 30



EFFECT DESIGN

Water effects
Comet Prec

Fountain height
30 m

Suitable for
Fresh water,
pool water and
saltwater

HYDRAULIC DATA

	Comet Prec 20 - 20 silver		Comet Prec 20 - 20 silver DT		Comet Prec 30 - 30	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
1.00	90	0.12	90	0.12	–	–
1.25	96	0.14	96	0.14	–	–
1.50	102	0.17	102	0.17	–	–
1.75	110	0.19	110	0.19	–	–
2.00	117	0.22	117	0.22	–	–
2.50	132	0.28	132	0.28	–	–
3.00	147	0.34	147	0.34	–	–
3.50	160	0.40	160	0.40	–	–
4.00	170	0.46	170	0.46	–	–
5.00	206	0.57	206	0.57	456	0.67
6.00	227	0.69	227	0.69	–	–
7.00	245	0.81	245	0.81	–	–
8.00	263	0.92	263	0.92	–	–
9.00	279	1.04	279	1.04	–	–
10.00	295	1.16	295	1.16	646	1.31
11.00	309	1.28	309	1.28	–	–
12.00	323	1.40	323	1.40	–	–
14.00	350	1.64	350	1.64	–	–
15.00	–	–	–	–	806	1.95
16.00	385	1.90	385	1.90	–	–
18.00	420	2.15	420	2.15	–	–
20.00	441	2.40	441	2.40	922	2.53
25.00	–	–	–	–	1045	3.30
30.00	–	–	–	–	1195	4.30

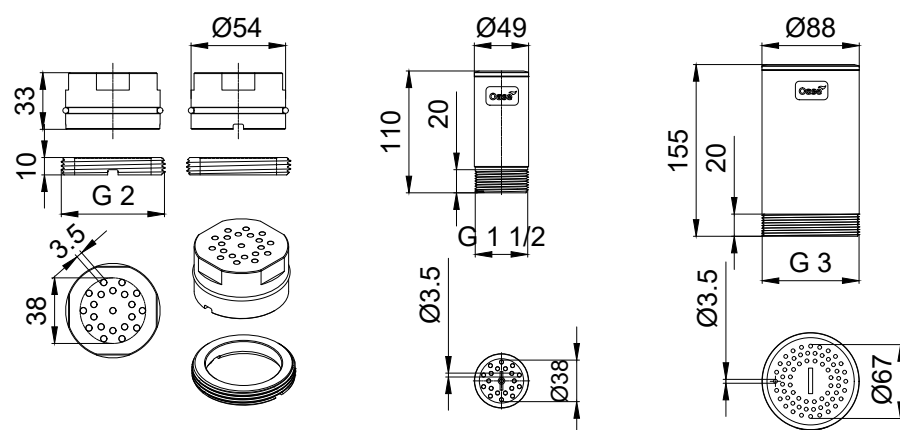
TECHNICAL DATA

			
Product	Comet Prec 20 - 20 silver	Comet Prec 20 - 20 silver DT	Comet Prec 30 - 30
Dimensions (dia. × H)	[mm] 62 × 505	62 × 505	95 × 550
Nozzle opening	[mm] 20	20	30
Material	Stainless steel	Stainless steel	Plastic/stainless steel
Weight	[kg] 1.55	1.60	4.50
Item no.	50523	92588	45079

Cluster Eco

Full jet with minimal water consumption

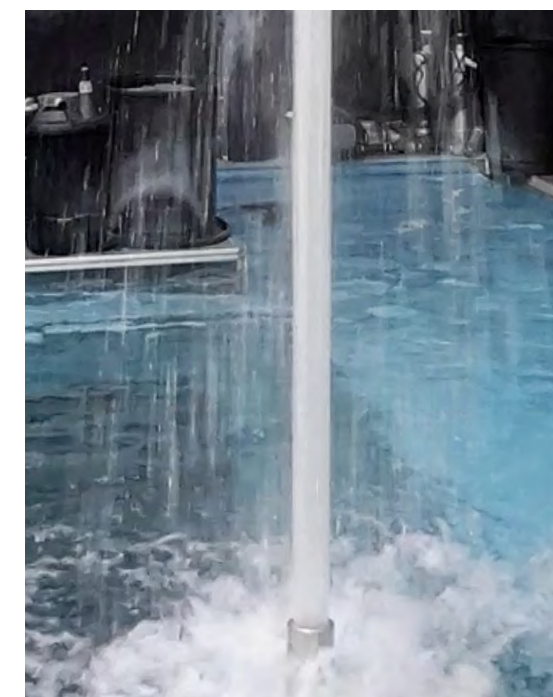
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LED XL EasyFit Noz

Cluster Eco 15 - 38

Cluster Eco 30 - 67



EFFECT DESIGN

Water effects 
Cluster Eco

Fountain height
19 m

Suitable for
Fresh water,
pool water and
saltwater 

* Saltwater product version on request.

ACCESSORIES

Product		Item no.
ProfiPlane LED XL RGB Spot/DMX/02	> Page 246	73005
ProfiRing LED XL RGB Spot/DMX/02	> Page 236	73004

HYDRAULIC DATA

	LED XL EasyFit Noz		Cluster Eco 15 - 38		Cluster Eco 30 - 67	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
1.00	56	0.14	56	0.14	150	0.14
2.00	79	0.26	79	0.26	216	0.25
3.00	95	0.37	95	0.37	269	0.35
4.00	111	0.49	111	0.49	316	0.47
5.00	126	0.60	126	0.60	362	0.61
6.00	138	0.72	138	0.72	398	0.73
7.00	148	0.84	148	0.84	438	0.86
8.00	166	0.90	166	0.90	474	0.98
9.00	178	1.00	178	1.00	507	1.11
10.00	190	1.08	190	1.08	534	1.25

TECHNICAL DATA

  				
Product		LED XL EasyFit Noz	Cluster Eco 15 - 38	Cluster Eco 30 - 67
Dimensions (dia. x H)	[mm]	54 x 33	49 x 110	87 x 155
Connection		–	G 1 ½	G 3
Material		Stainless steel 1.4404 (AISI 316L)	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)
Nozzle opening	[mm]	–	3.5	3.5
Jet diameter	[mm]	–	38	67
Weight	[kg]	0.42	0.62	2.30
Item no.		76460	45480	51882

Additional nozzles on request

OASE LIVING WATER

Hollow jet nozzles

Impressive fountains with optimum visibility from afar

High-quality stainless steel hollow jet nozzle for wind-resistant fountain heights of up to 80 m

Special, high-quality design in stainless steel



Performance independent of water level, flow straightener and detailed design of the ring slot

Significantly reduced water demand due to individual nozzle design

Also suitable for saltwater (50963)



HYDRAULIC DATA

Fountain height	Hollow jet nozzle 68		Hollow jet nozzle 100		Hollow jet nozzle 130		Hollow jet nozzle 130	
	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
5.00	449	0.61	–	–	–	–	–	–
6.00	493	0.72	–	–	–	–	–	–
7.00	533	0.87	–	–	–	–	–	–
8.00	570	1.00	–	–	–	–	–	–
9.00	605	1.12	–	–	–	–	–	–
10.00	639	1.26	–	–	–	–	–	–
12.00	701	1.53	–	–	–	–	–	–
14.00	759	1.80	–	–	–	–	–	–
16.00	813	2.07	–	–	–	–	–	–
18.00	864	2.35	–	–	–	–	–	–
20.00	912	2.64	1390	2.18	–	–	–	–
22.00	959	2.93	1475	2.45	–	–	–	–
24.00	1003	3.22	1561	2.71	–	–	–	–
25.00	–	–	1600	2.85	–	–	–	–
30.00	–	–	1820	3.60	–	–	–	–
35.00	–	–	1985	4.25	–	–	–	–
40.00	–	–	2235	5.80	6828	5.40	6828	5.40
45.00	–	–	2600	7.20	7290	6.10	7290	6.10
50.00	–	–	2660	7.70	7735	6.90	7735	6.90
55.00	–	–	–	–	8165	7.70	8165	7.70
60.00	–	–	–	–	8583	8.50	8583	8.50
65.00	–	–	–	–	8990	9.30	8990	9.30
70.00	–	–	–	–	9388	10.20	9388	10.20
75.00	–	–	–	–	9778	11.00	9778	11.00
80.00	–	–	–	–	10160	11.90	10160	11.90

EFFECT DESIGN

Water effects
Hollow jet nozzle

Fountain height
80 m*

Suitable for
Fresh water,
pool water and
saltwater**

* Larger fountain heights on request.

** Suitable for saltwater 50963 – Hollow jet nozzle 130

TECHNICAL DATA



Product	Hollow jet nozzle 68	Hollow jet nozzle 100	Hollow jet nozzle 130	Hollow jet nozzle 130
Dimensions (dia. × H)	[mm] 80 × 425	285 × 750	340 × 1200	340 × 1200
Hollow jet diameter	[mm] 70	100	130	130
Water film thickness	[mm] 3.5	4.0	10.0	10.0
Material	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4571 (AISI 316Ti)
Weight	[kg] 6.00	28.20	76.00	76.00
Item no.	50966	50973	55350	50963

EFFECT DESIGN

Water effects

High Jet

Fountain height

16 m

Suitable for

Fresh water

High Jet

The lightweight solution for use on floating units



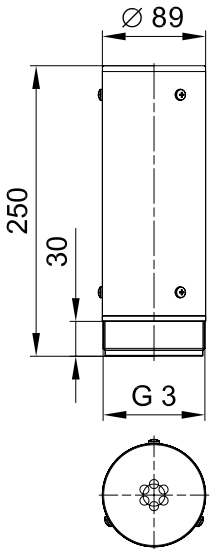
- + Vertical single jet with impressive water jet pattern
- + High-quality nozzle made from plastic and stainless steel with a modern look
- + Independent of water level and wind-resistant
- + Extremely lightweight – perfect for use on floating units

HYDRAULIC DATA

	High Jet 30	
Fountain height	NWR	NPR
[m]	[l/min]	[bar]
8.00	226	1.15
9.00	240	1.29
10.00	253	1.44
11.00	266	1.59
12.00	278	1.74
13.00	289	1.89
14.00	299	2.04
15.00	310	2.19
16.00	320	2.35

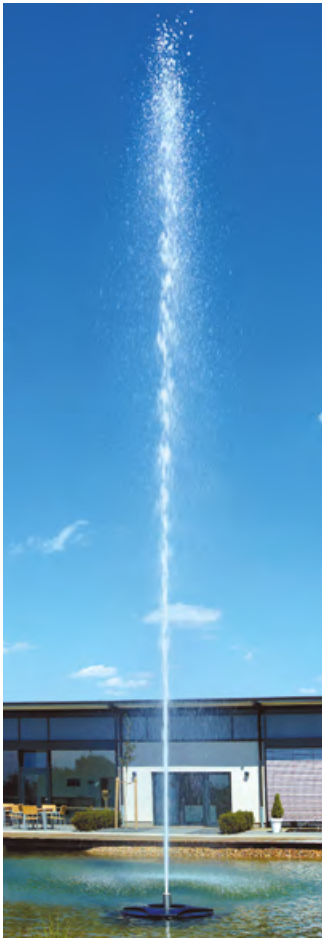
TECHNICAL DATA

Product	High Jet 30	
Dimensions (dia. × H)	[mm]	89 × 250
Unit type	MIDI II 1.1 kW/230 V MAXI II 4.0 kW/400 V	
Fountain height (total)	[m]	9.00 16.50
Fountain diameter	[m]	3.0 3.5
Housing tube material	Stainless steel	
Nozzle insert material	POM	
Weight	[kg]	2.24
Item no.	50375	



Geyser Jet

The lightweight nozzle for a powerful jet of water on floating units



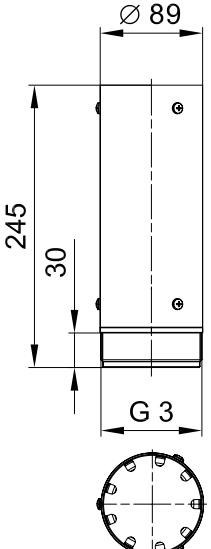
- + Multiple vertical individual jets connect to form a wide water jet
- + High-quality nozzle made from plastic and stainless steel with a modern look
- + Reliable water pattern independent of water level and wind-resistant
- + Extremely lightweight – perfect for use on floating units

HYDRAULIC DATA

	Geyser Jet 30	
Fountain height	NWR	NPR
[m]	[l/min]	[bar]
5.00	347	0.81
6.00	381	0.98
7.00	411	1.14
8.00	440	1.31
9.00	466	1.48
10.00	492	1.65
11.00	515	1.82
12.00	539	1.99

TECHNICAL DATA

Product	Geyser Jet 30	
Dimensions (dia. × H)	[mm]	89 × 245
Unit type	MIDI II 1.1 kW/230 V MAXI II 4.0 kW/400 V	
Fountain height (total)	[m]	5.00 12.00
Fountain diameter	[m]	1.7 2.7
Housing tube material	Stainless steel	
Nozzle insert material	POM	
Weight	[kg]	1.73
Item no.	50377	



EFFECT DESIGN

Water effects

Grand Vulcan

Fountain height

8 m

Suitable for

Fresh water

Grand Vulcan

Reliable water pattern with characteristic goblet shape



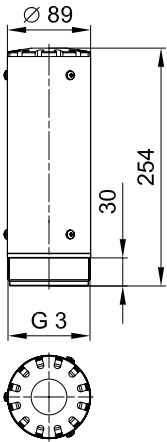
- + Multi-jet nozzle made of high-quality plastic/ stainless steel
- + Modern look
- + Reliable water pattern independent of water level and relatively wind-resistant
- + Circularly arranged single jets create the characteristic goblet shape
- + Light weight, making very suitable for use on floating units

HYDRAULIC DATA

	Grand Vulcan 30	
Fountain height	NWR	NPR
[m]	[l/min]	[bar]
3.00	450	0.45
3.50	487	0.53
4.00	520	0.61
4.50	552	0.68
5.00	582	0.76
6.00	638	0.92
7.00	689	1.07
8.00	737	1.23

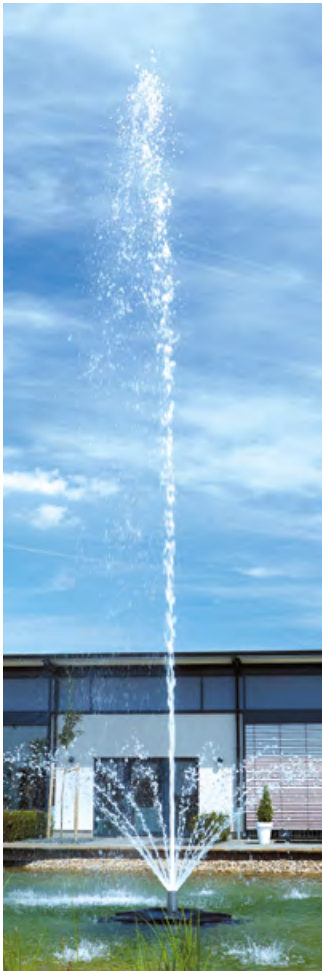
TECHNICAL DATA

Product	Grand Vulcan 30	
Dimensions (dia. × H)	[mm]	89 × 254
Unit type	MIDI II 1.1 kW/230 V MAXI II 4.0 kW/400 V	
Fountain height (total)	[m]	3.00 7.00
Fountain diameter	[m]	4.0 6.8
Housing tube material	Stainless steel	
Nozzle insert material	POM	
Weight	[kg]	1.83
Item no.	50376	



Trumpet Jet

Striking trumpet shape with central fountain



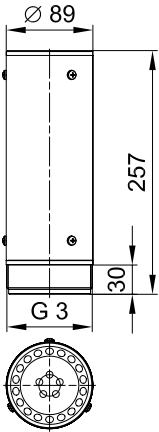
- + Multi-jet nozzle made of high-quality plastic/ stainless steel
- + Extremely light, making it very suitable for use on floating units
- + Striking water pattern: trumpet-like funnel, from the middle of which a higher fountain emerges
- + Reliable unit that functions independent of water level and is relatively wind-resistant

HYDRAULIC DATA

	Trumpet Jet 30	
Fountain height	NWR	NPR
[m]	[l/min]	[bar]
5.00	363	1.00
6.00	397	1.20
7.00	429	1.40
8.00	459	1.68
9.00	487	1.85
10.00	513	2.05

TECHNICAL DATA

Product	Trumpet Jet 30	
Dimensions (dia. × H)	[mm]	89 × 257
Unit type	MIDI II 1.1 kW/230 V MAXI II 4.0 kW/400 V	
Fountain height (total)	[m]	5.00 9.50
Fountain height (1st tier)	[m]	1.20 2.50
Fountain diameter	[m]	4.0 7.5
Housing tube material	Stainless steel	
Nozzle insert material	POM	
Weight	[kg]	1.86
Item no.	50378	



CrownNozzle

The crowning glory for your water basin

Multi-jet nozzle for a majestic water crown

24 wind resistant jets for a fountain height of up to 5 m

High-quality, solid stainless steel construction

For fresh water and pool water

Saltwater-suitable CrownNozzle on request

Perfect in combination with Varionaut pumps – for spectacular and dynamic water patterns

24 clear, precise jets with a diameter of 6 mm



EFFECT DESIGN

Water effects
CrownNozzle

Fountain height
5 m

Suitable for
Fresh water,
pool water and
saltwater

* Saltwater product version on request.

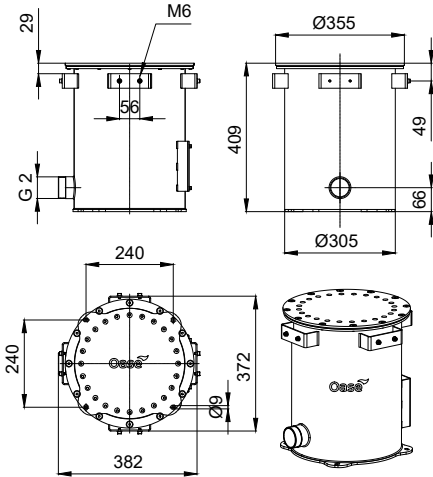
Effect design

HYDRAULIC DATA

	CrownNozzle 24 - 20 E		
Fountain height	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]
1.00	0.85	116	0.11
2.00	1.55	162	0.23
3.00	2.40	202	0.35
4.00	3.20	237	0.49
5.00	3.90	270	0.64

TECHNICAL DATA

Product	CrownNozzle 24 - 20 E	
Dimensions (L x W x H)	[mm]	355 x 425
Nozzle opening	[mm]	6.00
Jet diameter	[mm]	6.00
Connection		G 2
Material		Stainless steel 1.4301 (AISI 304)
Weight	[kg]	16.00
Item no.		32780



Vulcan

The elegant eye-catcher with multi-level water pattern



- ⊕ Attractive water patterns consisting of multi-level, separating jet beams

- For small fountains and large water features

-  Easy to clean

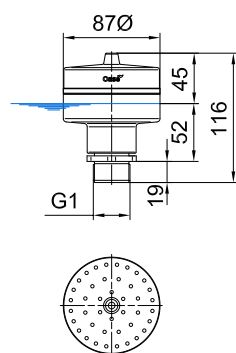
- ⊕ Fountain heights
from 0.5 to 15 m

-  Water level independent

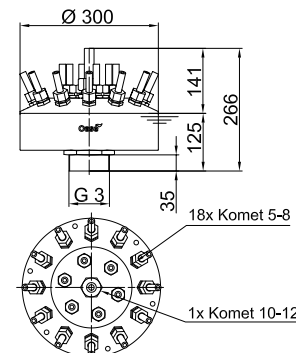
- Precise, wind-resistant full jets

ACCESSORIES

Product		Item no.
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Hexagonal double nipple 10 silver	> Page 366	51022
Hexagonal double nipple 30 silver	> Page 366	51025
Swivel connection 10 silver	> Page 366	51015
Adapter G 10/NPT 10 silver	> Page 367	51026
Adapter G 30/NPT 30 silver	> Page 367	51029



Vulcan 43 - 3 silver



Vulcan 300/19 - 8 silver

FOUNTAIN TECHNOLOGY



EFFECT DESIGN

Water effects 
Vulcan

Fountain height
15 m

Suitable for
Fresh water and
pool water 

HYDRAULIC DATA

	Vulcan 43 - 3 silver			Vulcan 300/19 - 8 silver		
Fountain height	NSD	NWR	NPR	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]	[m]	[l/min]	[bar]
0.50	0.40	42	0.10	-	-	-
0.75	0.50	50	0.15	-	-	-
1.00	0.65	60	0.20	-	-	-
1.50	0.80	76	0.30	-	-	-
2.00	1.10	90	0.40	-	-	-
2.50	1.30	102	0.50	-	-	-
3.00	1.50	112	0.60	Adjustable	339	0.38
3.50	1.70	121	0.76	Adjustable	368	0.44
4.00	2.00	130	0.88	Adjustable	394	0.50
5.00	-	-	-	Adjustable	442	0.64
6.00	-	-	-	Adjustable	485	0.77
7.00	-	-	-	Adjustable	525	0.90
8.00	-	-	-	Adjustable	562	1.03
9.00	-	-	-	Adjustable	597	1.16
10.00	-	-	-	Adjustable	630	1.29
11.00	-	-	-	Adjustable	662	1.42
12.00	-	-	-	Adjustable	692	1.56
13.00	-	-	-	Adjustable	720	1.69
14.00	-	-	-	Adjustable	749	1.82
15.00	-	-	-	Adjustable	776	1.96

TECHNICAL DATA



Product	Vulcan 43 - 3 silver	Vulcan 300/19 - 8 silver
Dimensions (dia. x H)	[mm] 87 x 116	300 x 256
Connection	G 1	G 3
Material	Double-coated brass	Double-coated brass/stainless steel
Weight	[kg] 1.50	18.50
Item no.	50766	50977

OASE LIVING WATER

Effect design

Finger nozzle

Attractive water pattern created with seven jets

+ Seven-jet nozzle with 10 mm jet diameter

+ Height of the largely wind resistant single jets: up to 4 m

+ Suitable for fresh water, pool water and saltwater

+ Durable, made of high-quality stainless steel

+ Stunning, dynamic water pattern combined with Multi Directional Drive L 3D/DMX/02 and rotation module L/DMX/02

Dynamic+
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.

> See page 124



ACCESSORIES

Product		Item no.
Swivel connection 15 silver	> Page 366	51016
Sleeve 15 silver	> Page 366	51019
Adapter G 15/NPT 15 silver	> Page 367	51027
Reducing sleeve 15 × 10	> Page 367	51032
Reducing sleeve 20 × 15	> Page 367	51030



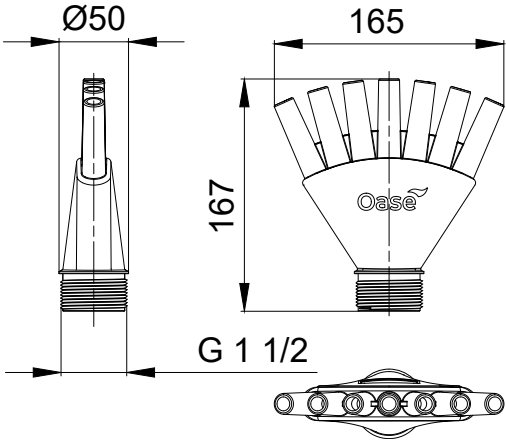
EFFECT DESIGN	
Water effects	Finger nozzle
Fountain height	4 m
Suitable for	Fresh water, pool water and saltwater

HYDRAULIC DATA

Finger nozzle 7 - 15 E			
Fountain height	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]
1.00	2.70	150	0.10
2.00	4.70	200	0.21
3.00	5.20	250	0.35
4.00	7.40	300	0.48

TECHNICAL DATA

Product	Finger nozzle 7 - 15 E	
Dimensions (L × W × H)	[mm]	167 × 165 × 50
Nozzle opening	[mm]	10.00
Number of nozzle openings	[Unit]	7
Pressure-side connection		G 1 ½
Water jet height up to	[m]	4.00
Material		Stainless steel 1.4404 (AISI 316L)
Weight	[kg]	0.88
Item no.		51110



High volume with low water consumption

High volume with low water consumption



⊕ Optically strong foam and spray effect

 High-contrast, vivid and large-volume water pattern

- ⊕ High air admixture has an oxygen-enriching effect

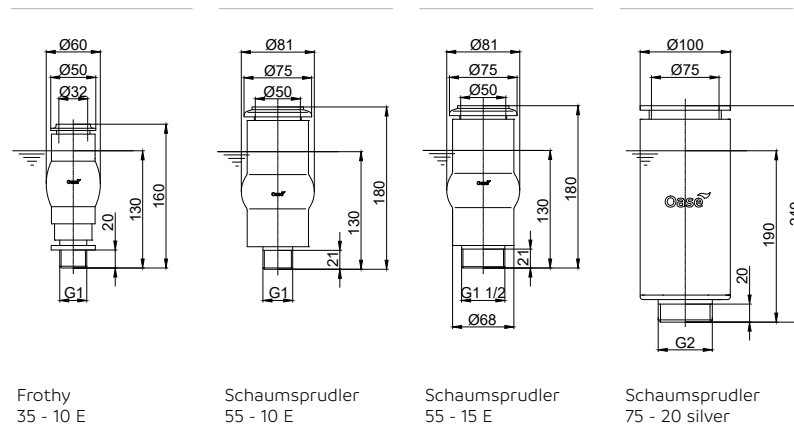
 Low water consumption

- Continuous operation without any issues

 Largely wind-resistant

ACCESSORIES

Product		Item no.
Swivel connection 10 silver	> Page 366	51015
Swivel connection 15 silver	> Page 366	51016
Swivel connection 20 silver	> Page 366	51017
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Sleeve 20 silver	> Page 366	51020
Adapter G 10/NPT 10 silver	> Page 367	51026
Adapter G 15/NPT 15 silver	> Page 367	51027
Adapter G 20/NPT 20 silver	> Page 367	51028
Reducing sleeve 15 × 10	> Page 367	51032
Reducing sleeve 20 × 15	> Page 367	51030
Ball joint 10	> Page 368	51165



FOUNTAIN TECHNOLOGY



0.75 m

1.50 m

2.00 m

2.50 m

HYDRAULIC DATA

	Schaumsprudler 35 - 10 E		Schaumsprudler 55 - 10 E		Schaumsprudler 55 - 15 E		Schaumsprudler 75 - 20 silver	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
0.25	47	0.10	60	0.11	–	–	–	–
0.50	55	0.14	84	0.21	125	0.11	–	–
0.75	71	0.22	108	0.32	151	0.15	–	–
1.00	80	0.28	122	0.40	176	0.19	328	0.20
1.25	89	0.34	134	0.49	198	0.24	367	0.24
1.50	97	0.40	145	0.58	217	0.28	401	0.29
1.75	104	0.46	156	0.66	235	0.33	433	0.34
2.00	111	0.52	166	0.75	252	0.38	463	0.39
2.50	123	0.65	184	0.92	282	0.48	518	0.49
3.00	–	–	200	1.09	310	0.58	567	0.58
3.50	–	–	216	1.27	335	0.67	612	0.68
4.00	–	–	–	–	359	0.77	655	0.78
4.50	–	–	–	–	381	0.87	695	0.87
5.00	–	–	–	–	–	0.97	733	0.97
6.00	–	–	–	–	–	1.16	803	1.17
7.00	–	–	–	–	–	1.36	868	1.33
8.00	–	–	–	–	–	–	928	1.56
9.00	–	–	–	–	–	–	965	1.75
10.00	–	–	–	–	–	–	1039	1.95

TECHNICAL DATA



Product					
		Frothy 35 - 10 E	Schaumsprudler 55 - 10 E	Schaumsprudler 55 - 15 E	Schaumsprudler 75 - 20 silver
Dimensions (dia. × H)	[mm]	80 × 160	81 × 180	81 × 180	100 × 240
Connection		G 1	G 1	G 1 ½	G 2
Material		Stainless steel 1.4301 (AISI 304i)	Stainless steel 1.4571 (AISI 316Ti)/brass	Stainless steel 1.4571 (AISI 316Ti)/brass	Double-coated brass
Weight	[kg]	0.44	1.40	1.46	5.12
Item no. NPT		53224	–	–	–
Item no.		50984	50986	50987	50768

OASE LIVING WATER

EFFECT DESIGN

Water effects
Schaumsprudler
fountain nozzle 

Fountain height
10 m

Suitable for
Fresh water and
pool water 

* Pool water for Schaum-
sprudler 75 - 20 silver

Effect design

Cascade

Fascinating with a wide foam and spray effect

+ Tapered, softly flowing fountain to embellish any public space

+ Available in five sizes:

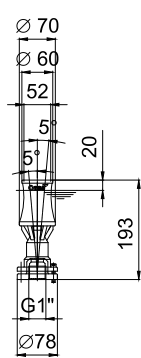
+ With swivel connection for optimum alignment



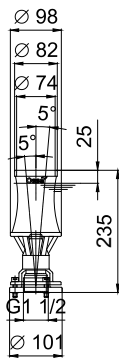
+ Vibrant water feature, visible from a distance, with an optically strong foam and spray effect

+ The water pattern changes depending on the water level

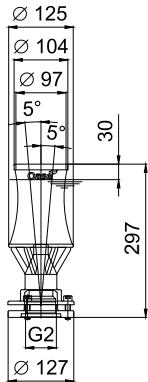
+ Oxygen-enriching



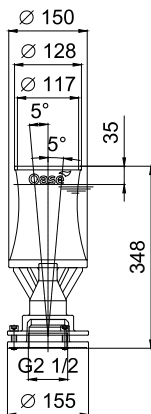
Cascade 50 T



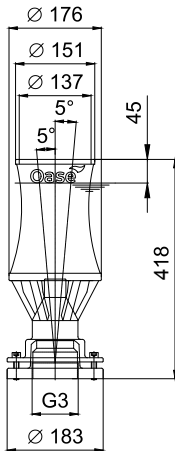
Cascade 70 T



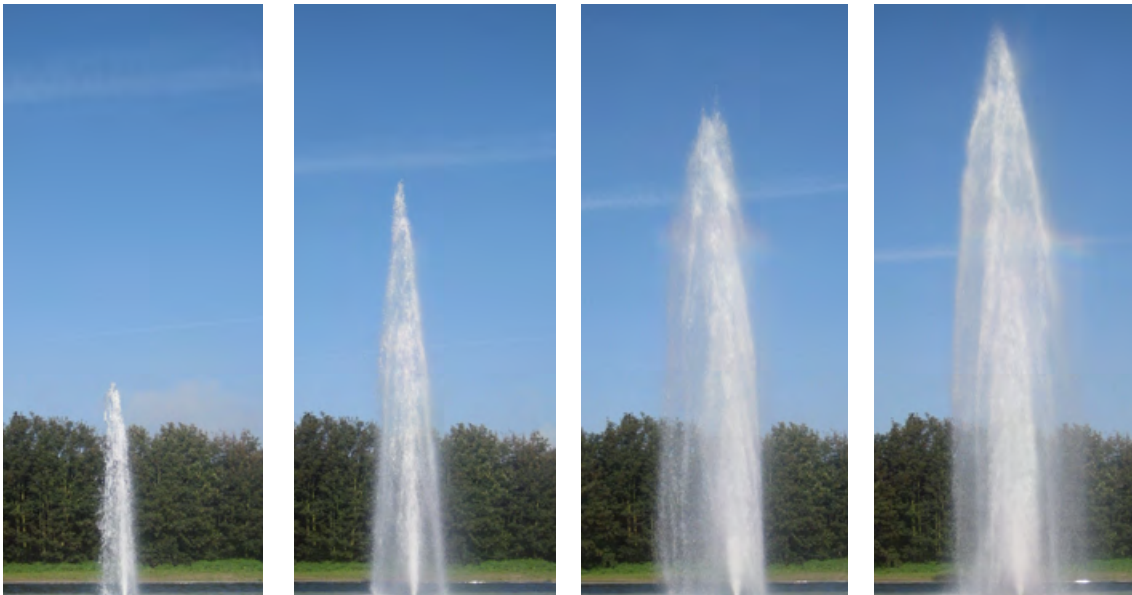
Cascade 90 T



Cascade 110 T



Cascade 130 T



6.00 m

12.00 m

15.00 m

20.00 m

HYDRAULIC DATA

	Cascade 50 T		Cascade 70 T		Cascade 90 T		Cascade 110 T		Cascade 130 T	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
0.25	28	0.18	–	–	–	–	–	–	–	–
0.50	34	0.26	79	0.27	–	–	–	–	–	–
0.75	39	0.33	88	0.33	141	0.27	–	–	–	–
1.00	43	0.41	97	0.40	157	0.33	236	0.36	379	0.36
1.50	51	0.57	111	0.53	184	0.46	279	0.48	437	0.48
2.00	58	0.73	124	0.66	208	0.58	317	0.6	488	0.60
2.50	69	1.04	136	0.79	229	0.71	351	0.72	534	0.72
3.00	74	1.20	147	0.92	249	0.83	382	0.84	577	0.84
4.00	79	1.36	166	1.18	284	1.08	437	1.07	654	1.07
5.00	88	1.68	184	1.44	315	1.34	486	1.34	723	1.34
6.00	–	–	200	1.71	344	1.59	531	1.55	786	1.55
7.00	–	–	215	1.97	370	1.85	572	1.79	845	1.79
8.00	–	–	–	–	395	2.10	611	2.04	900	2.04
10.00	–	–	–	–	441	2.61	682	2.52	1001	2.52
12.00	–	–	–	–	–	–	747	3.01	1094	3.01
14.00	–	–	–	–	–	–	806	3.50	1180	3.50
16.00	–	–	–	–	–	–	–	–	1260	3.99
18.00	–	–	–	–	–	–	–	–	1336	4.49
20.00	–	–	–	–	–	–	–	–	1408	4.99

TECHNICAL DATA

					
Product	Cascade 50 T	Cascade 70 T	Cascade 90 T	Cascade 110 T	Cascade 130 T
Dimensions (dia. × H)	78 × 192	100 × 237	125 × 294	149 × 346	176 × 410
Connection	G 1	G 1 ½	G 2	G 2 ½	G 3
Material	Bronze	Bronze	Bronze	Bronze	Bronze
Weight	1.50	2.46	4.15	7.48	11.00
Item no. NPT	89051	89052	89053	89054	89055
Item no.	50911	50912	50915	50916	50917

EFFECT DESIGN

Water effects
Cascade

Fountain height
20 m

Suitable for
Fresh water

Geyser

Slim foam and spray effect that adds a distinctive highlight

+ A slim cylindrical and soft flowing fountain that makes for an eye-catching feature in any public space

+ Available in four sizes:

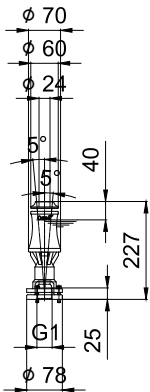
+ With swivel connection for optimum alignment



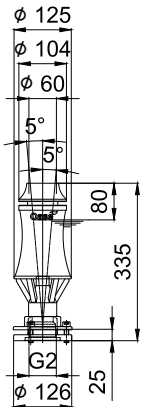
+ Lively water feature with a visually striking foam and spray effect

+ The water pattern changes depending on the water level

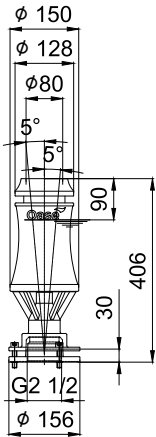
+ Oxygen-enriching



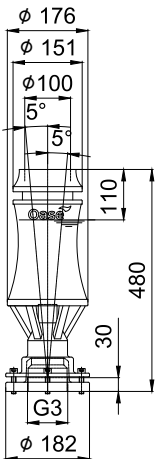
Geyser 20 T



Geyser 40 T



Geyser 60 T



Geyser 100 T



5.00 m

10.00 m

20.00 m

30.00 m

EFFECT DESIGN

Water effects
Geyser

Fountain height
30 m

Suitable for
Fresh water

Effect design

HYDRAULIC DATA

	Geyser 20 T		Geyser 40 T		Geyser 60 T		Geyser 100 T	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
0.50	30	0.20	82	0.27	128	0.24	–	–
0.75	33	0.25	89	0.31	140	0.29	–	–
1.00	37	0.30	95	0.35	151	0.34	–	–
1.50	42	0.39	105	0.43	171	0.43	–	–
2.00	47	0.49	115	0.52	189	0.53	459	0.56
2.50	52	0.59	124	0.60	205	0.62	497	0.66
3.00	56	0.69	133	0.69	220	0.72	532	0.75
4.00	64	0.89	149	0.86	247	0.91	596	0.94
5.00	71	1.08	163	1.03	272	1.09	653	1.13
6.00	77	1.28	176	1.20	295	1.29	707	1.33
7.00	–	–	188	1.38	316	1.57	757	1.52
8.00	–	–	199	1.55	336	1.67	803	1.71
10.00	–	–	–	–	373	2.06	890	2.10
12.00	–	–	–	–	407	2.44	969	2.49
14.00	–	–	–	–	–	–	1043	2.89
16.00	–	–	–	–	–	–	1112	3.28
18.00	–	–	–	–	–	–	1178	3.68
20.00	–	–	–	–	–	–	1240	4.08
25.00	–	–	–	–	–	–	1386	5.09

TECHNICAL DATA

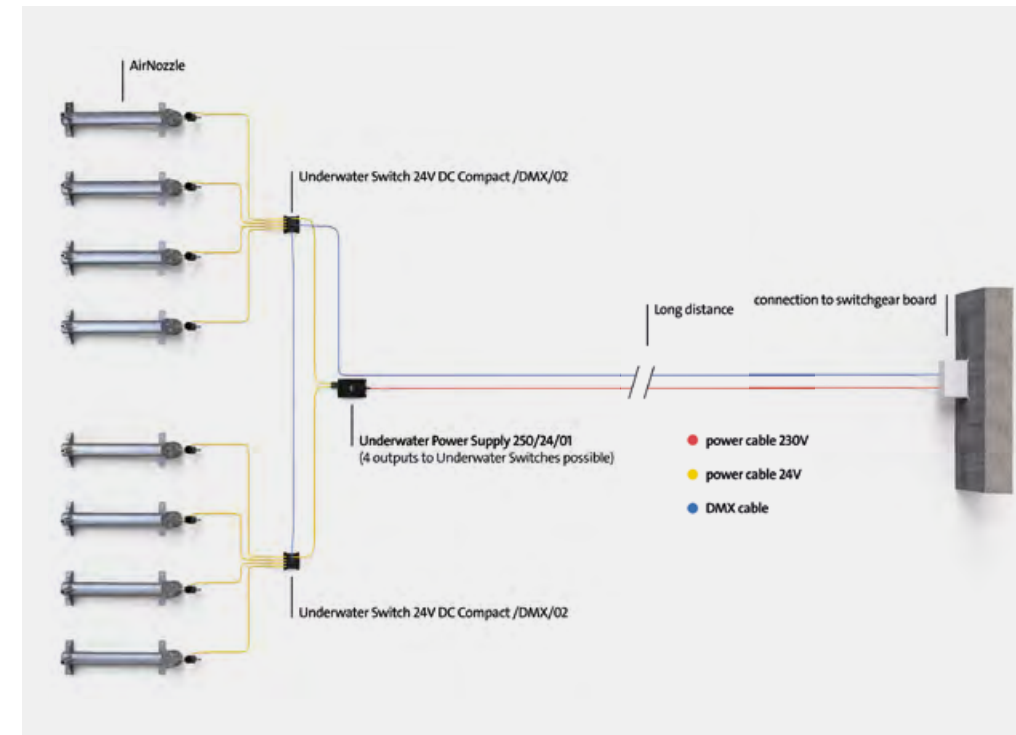
				
Product	Geyser 20 T	Geyser 40 T	Geyser 60 T	Geyser 100 T
Dimensions (dia. × H)	78 × 227	98 × 270	125 × 335	182 × 480
Connection	G 1	G 1 ½	G 2	G 3
Material	Bronze	Bronze	Bronze	Bronze
Weight	1.88	3.52	5.80	17.50
Item no. NPT	–	89024	89025	89027
Item no.	50991	50992	50993	50995

For the ultimate surprise

The air-powered AirNozzles provide every fountain show with a very special highlight. These water effects create fountain heights of up to 70 m in seconds.



AirNozzle: The highlight of any fountain show



- + Breathtaking water effects with the ultimate element of surprise
- + Water fountains of up to 70 m are shot upwards using compressed air
- + Up to 15 fountain jet blasts per minute possible (in conjunction with the 24 V DC Compact/DMX/02 underwater switch)
> Page 304

The principle

The AirNozzles stand out on account of their precise and impressive fountain jet blasts, which can reach between 6 and 70 m in height. The short filling times with either two to six fountain jet blasts, depending on the product variant, enable these impressive water effects.

A perfect system

These complex water choreographies are made possible by an optimally coordinated overall system. Thanks to the patented ProNect underwater connection technology, the components are installed easily, quickly and safely. The Underwater Switch connected for controlling the AirNozzle is an impressive unit with exceptionally fast switching of up to 20 times per second.

SYSTEM COMPONENTS

					
AirNozzle horizontal	AirNozzle vertical	AirNozzle 24 vertical	AirNozzle 50 vertical	Underwater switch 24 V DC	Underwater power supply
-	-	-	-	84956	50733
> From page 78	> From page 78	> Page 82	> Page 82	> Page 304	> Page 300



More about the products!

AirNozzle S

Impressive water effect with economical operation



- +

Fountain heights
from 6 to 20 m
- +

With Underwater Switch
24 V DC Compact/DMX/02
controllable via DMX
- +

Safe to use under water:
thanks to the patented
ProNectconnector system
and with protection class IP68
- +

Energy-efficient
compressed air
operation
- +

High dynamics – up to
15 fountain jet blasts
per minute
- +

Made from high-quality,
durable stainless steel
- +

Different designs for
different water heights
- +

Patented water supply for
AirNozzles (48423, 48424, 48425)



			
AirNozzle 15 E-6 m vertical/01	AirNozzle 20 E-14 m vertical/01	AirNozzle 20 E-15 m horizontal/01	AirNozzle 24 E-20 m horizontal/01
48422	48423	48424	48425

ACCESSORIES

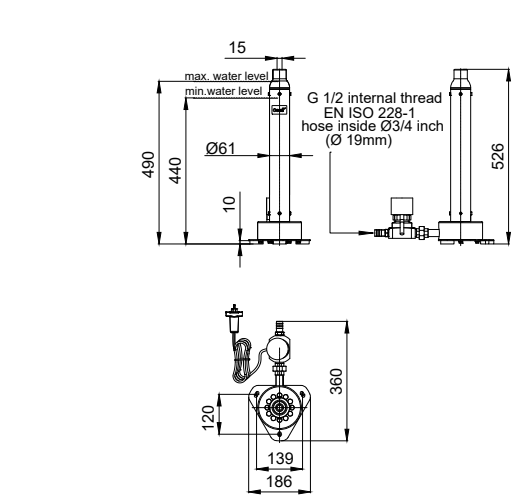
Product		Item no.	Product		Item no.
Underwater Switch 24 V DC Compact/DMX/02	> Page 304	84956	Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Underwater power supply 250/24 V/01	> Page 300	50733	Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable DMX/1.0 m/01	> Page 318	12368	Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable DMX/1.5 m/01	> Page 318	49628	Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable DMX/3.0 m/01	> Page 318	12369	Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
Connecting cable DMX/5.0 m/01	> Page 318	12371	PowerBox 24 V DC/01	> Page 313	50493
Connecting cable DMX/10.0 m/01	> Page 318	12372	WECS® III 512/DMX/02	> Page 282	84966
Connecting cable DMX/20.0 m/01	> Page 318	12373	WECS® III 1024/DMX/02	> Page 282	84967
End resistant for BUS-system DMX/01	> Page 318	12007	WECS® III Multimedia Controller D2	> Page 286	87750
DMX-Box / 01	> Page 319	57646			



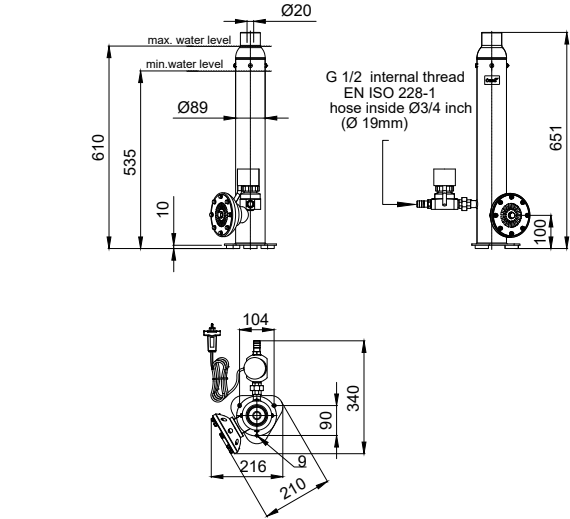
EFFECT DESIGN	
Water effects	AirNozzle S
Fountain height	20 m
Suitable for	Fresh water, pool water and saltwater
	24 V DC

HYDRAULIC DATA

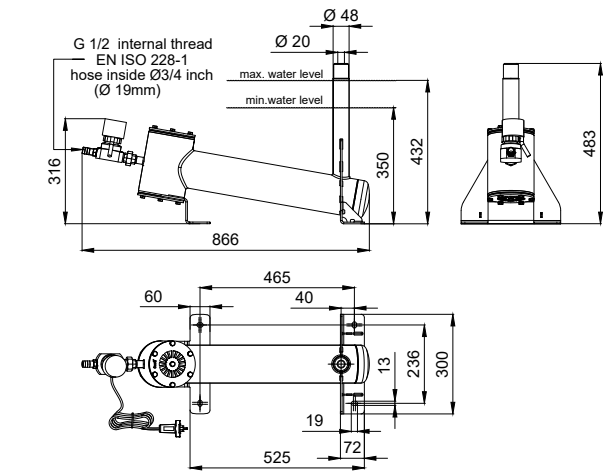
	Air pressure [bar]	Height [m]	Jet time every [s]	Air requirement [l]
AirNozzle 15 E-6 m vertical/01	0.50	2.00	2.00	0.50
	0.75	4.00	3.00	1.50
	0.90	5.00	4.00	2.00
	1.00	6.00	4.00	2.50
AirNozzle 20 E-14 m vertical/01	0.75	3.00	4.00	2.00
	1.00	4.00	4.00	2.00
	1.50	10.00	4.00	3.50
	2.00	14.00	4.00	7.50
AirNozzle 20 E-15 m horizontal/01	0.50	1.50	2.00	1.50
	1.00	4.50	3.00	2.50
	1.50	8.50	4.20	4.50
	2.00	12.00	5.10	5.50
AirNozzle 24 E-20 m horizontal/01	2.50	15.00	6.30	10.50
	1.00	4.60	3.90	3.00
	2.00	11.00	6.10	9.00
	3.00	14.00	7.60	11.50
	4.00	18.00	9.30	20.00
	5.00	20.00	9.30	21.50



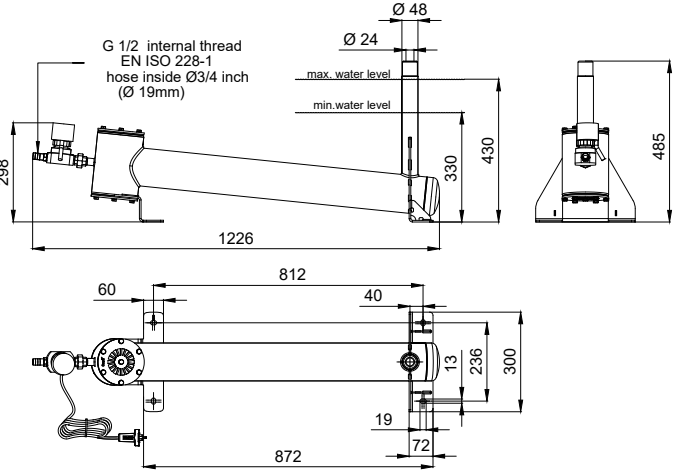
AirNozzle 15 E-6 m vertical/01



AirNozzle 20 E-14 m vertical/01



AirNozzle 20 E-15 m horizontal/01



AirNozzle 24 E-20 m horizontal/01

TECHNICAL DATA

				
Product	AirNozzle 15 E-6 m vertical/01	AirNozzle 20 E-14 m vertical/01	AirNozzle 20 E-15 m horizontal/01	AirNozzle 24 E-20 m horizontal/01
Dimensions (L × W × H)	[mm] 360 × 186 × 525	203 × 116 × 651	758 × 300 × 483	1120 × 300 × 483
Max. fountain height	[m] 6.00	14.00	15.00	20.00
Jet frequency (water fill time)	[s] 4	4	8	10
Water volume per jet blast	[l] 0.75	2.50	7.00	10.00
Nozzle opening	[mm] 15.00	20.00	20.00	24.00
Min. water level	[mm] 440	535	350	330
Max. water level	[mm] 490	610	432	430
Max. air pressure	[bar] 1.00	2.00	3.00	5.00
Air inlet connection	[mm] 13	13	13	13
Air inlet connection	G ½	G ½	G ½	G 1 ½
Power consumption	[W] 11	11	11	11
Rated voltage	24 V DC	24 V DC	24 V DC	24 V DC
Rated current	[A] 0.46	0.46	0.46	0.46
Power cable length	[m] 7.50	7.50	7.50	7.50
Power connection type	24 V DC plug	24 V DC plug	24 V DC plug	24 V DC plug
Material	Stainless steel 1.4571 (AISI 316Ti)			
Weight	[kg] 5.60	8.10	14.50	17.00
Item no.	48422	48423	48424	48425

AirNozzle L/XL

Extra powerful: up to 70 m fountain height



⊕ Fountain heights from 30 to 70 m (higher available on request)

⊕ Compact design, made of high-quality, durable stainless steel

⊕ Saltwater version on request

⊕ Safe to use underwater: Thanks to the patented ProNect connector system and protection class IP68



⊕ High dynamics thanks to short filling times – up to ten fountain jet blasts per minute

⊕ Energy-efficient compressed air operation

⊕ With Underwater Switch 24 V DC Compact/DMX/02 controllable via DMX

ACCESSORIES

Product		Item no.	Product		Item no.
Underwater Switch 24 V DC Compact/DMX/02	> Page 304	84956	Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Underwater power supply 250/24 V/01	> Page 300	50733	Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable DMX/1.0 m/01	> Page 318	12368	Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable DMX/1.5 m/01	> Page 318	49628	Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable DMX/3.0 m/01	> Page 318	12369	Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
Connecting cable DMX/5.0 m/01	> Page 318	12371	PowerBox 24 V DC/01	> Page 313	50493
Connecting cable DMX/10.0 m/01	> Page 318	12372	WECS® III 512/DMX/02	> Page 282	84966
Connecting cable DMX/20.0 m/01	> Page 318	12373	WECS® III 1024/DMX/02	> Page 282	84967
End resistant for BUS-system DMX/01	> Page 318	12007	WECS® III Multimedia Controller D2	> Page 286	87750
DMX-Box / 01	> Page 319	57646			

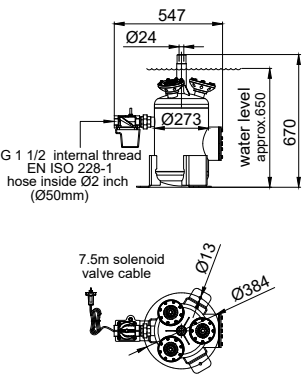


EFFECT DESIGN	
Water effects	AirNozzle L/XL
Fountain height	70 m*
Suitable for	Fresh water and pool water**
24 V DC	

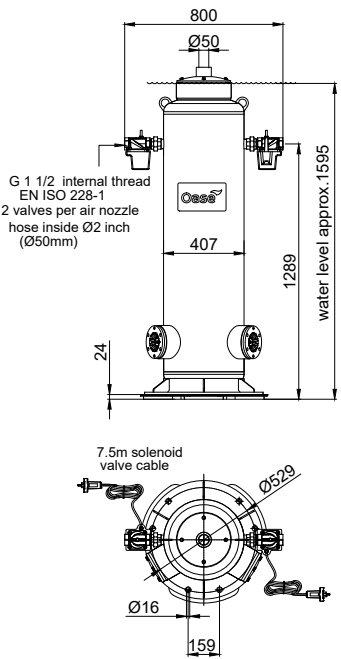
* Larger fountain heights on request.
** Saltwater product version on request.

HYDRAULIC DATA

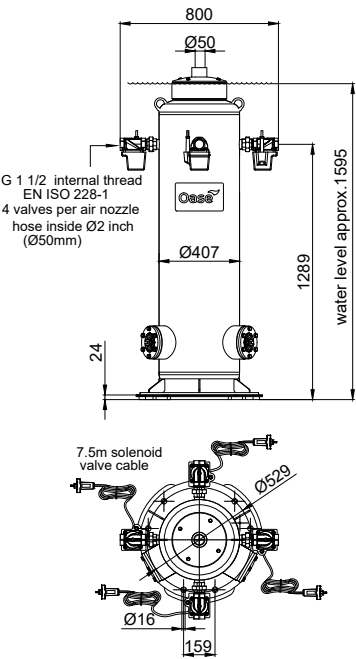
	Air pressure [bar]	Height [m]	Jet blast time every [s]	Air requirement [l]
AirNozzle 24 E-30 m vertical/01	5.20	30.00	6	45
AirNozzle 50 E-50 m vertical/01	8.00	50.00	25	250
AirNozzle 50 E-70 m vertical/01	12.00	70.00	25	650



AirNozzle 24 E-30 m vertical/01



AirNozzle 50 E-50 m vertical/01



AirNozzle 50 E-70 m vertical/01

Effect design

TECHNICAL DATA

				
Product		AirNozzle 24 E-30 m vertical/01	AirNozzle 50 E-50 m vertical/01	AirNozzle 50 E-70 m vertical/01
Dimensions (L × W × H)	[mm]	1120 × 300 × 483	1676 × 704 × 600	1676 × 704 × 600
Max. fountain height	[m]	30.00	50.00	70.00
Jet frequency (water fill time)	[s]	6	25	25
Water volume per jet blast	[l]	45.00	180.00	180.00
Nozzle opening	[mm]	24.00	50.00	50.00
Min. water level	[mm]	650	1595	1595
Max. water level	[mm]	650	1595	1595
Max. air pressure	[bar]	6.00	11.00	15.00
Air inlet connection		G 1 ½	G 1 ½	G 1 ½
Power consumption	[W]	18.50	37.00	74.00
Rated voltage		24 V DC	24 V DC	24 V DC
Rated current	[A]	0.46	0.92	1.84
Power cable length	[m]	7.50	7.50	7.50
Power connection type		24 V DC plug	24 V DC plug	24 V DC plug
Material		Plastic/stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)
Weight	[kg]	20.00	79.00	80.00
Item no.		48426	48427	48428

VarioJet

For versatile show fountains



Dynamic, fascinating water effects due to variable volume flows

Two pressure connections for connecting two Varionaut pumps

Tip: Achieve even more complex water patterns (e.g. water lilies) with the VarioJet CrownNozzle – a combination of the VarioJet and CrownNozzle

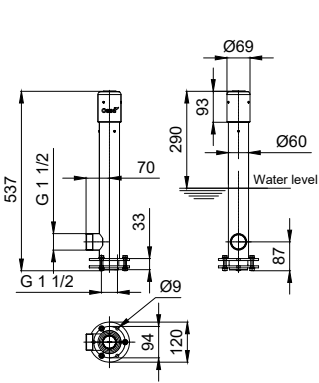
Saltwater version on request

Made from high-quality, durable stainless steel

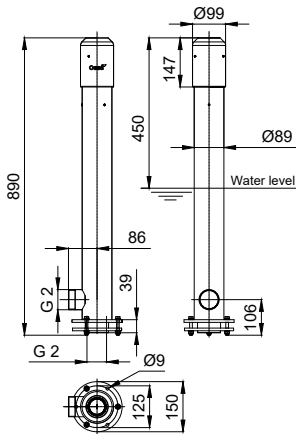


ACCESSORIES

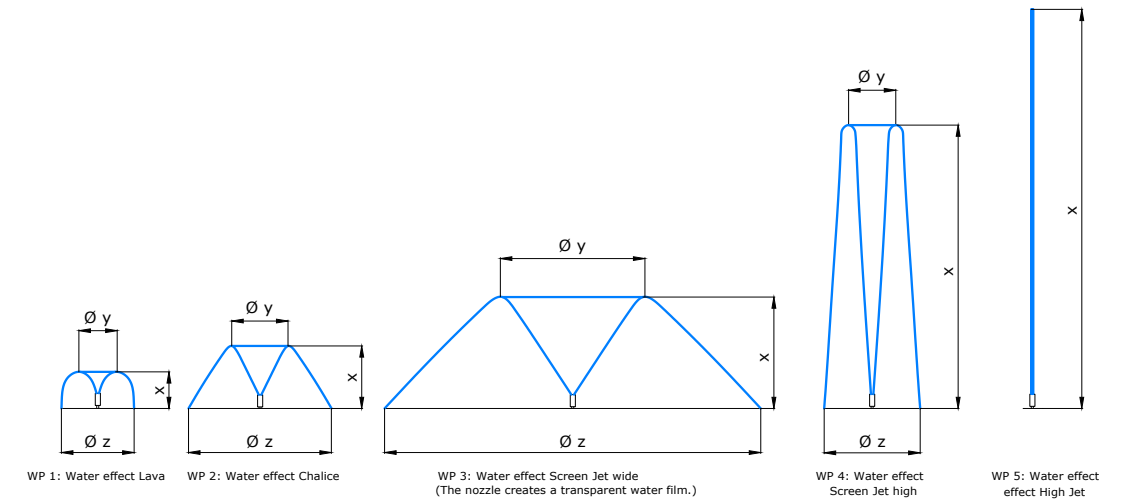
Product		Item no.
VarioJet Base	> Page 355	76235
Varionaut 150 24 V/DMX/02	> Page 180	50665
Varionaut 150 24 V/DMX/02	> Page 180	57650
Varionaut 150/DMX/02	> Page 184	50343
Varionaut 150/DMX/02	> Page 184	57690
Varionaut 240 24 V/DMX/02	> Page 182	46821
Varionaut 270/DMX/02	> Page 186	40758
Varionaut 270/DMX/02	> Page 186	40844
Varionaut 400/DMX/02	> Page 188	46421
Varionaut 400/DMX/02	> Page 188	33256



VarioJet 42 - 15



VarioJet 55 - 20



For detailed information, see the website/datasheet

TECHNICAL DATA

Product	VarioJet 42 - 15	VarioJet 55 - 20
Dimensions (L x W x H)	[mm] 130 x 120 x 537	160 x 150 x 890
Max. fountain height (2x Varionaut 150/DMX/02)	[m] 3.00	–
Max. fountain height (2x Varionaut 240 24 V/DMX/02)	[m] 4.60	–
Max. fountain height (2x Varionaut 270/DMX/02)	[m] 5.40	–
Max. fountain height (2x Varionaut 400/DMX/02)	[m] –	9.00
Material	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)
Weight	[kg] 5.11	13.20
Item no.	52128	52129

EFFECT DESIGN
Water effects
VarioJet
Fountain height
9 m
Suitable for
Fresh water,
pool water and
saltwater
* Saltwater product version
on request.

VarioJet CrownNozzle

A nozzle with three pumps for a wide range of possibilities



+ Dynamic, variable and fascinating water patterns for three Varionaut 400 pumps

+ Combination of VarioJet and CrownNozzle for water patterns such as single jet, water dome and even water lilies

+ Saltwater version on request

+ Made from high-quality, durable stainless steel

+ With swivel connection, mounting base and connection material for easy alignment

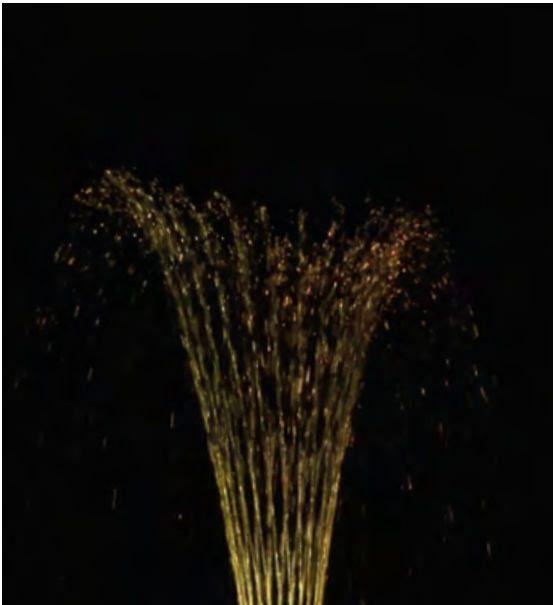
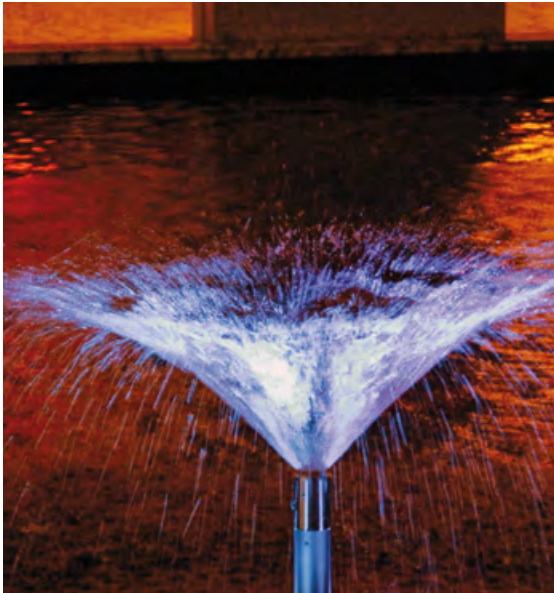


+ Multi-jet nozzle with 24 nozzle openings, each 6 mm in diameter

+ Operation independent of water level

ACCESSORIES

Product		Item no.
Varionaut 400/DMX/02	> Page 188	46421
Varionaut 400/DMX/02	> Page 188	33256



EFFECT DESIGN

Water effects
VarioJet Crown-Nozzle

Fountain height
9 m

Suitable for
Fresh water,
pool water and
saltwater

* Saltwater product version on request.

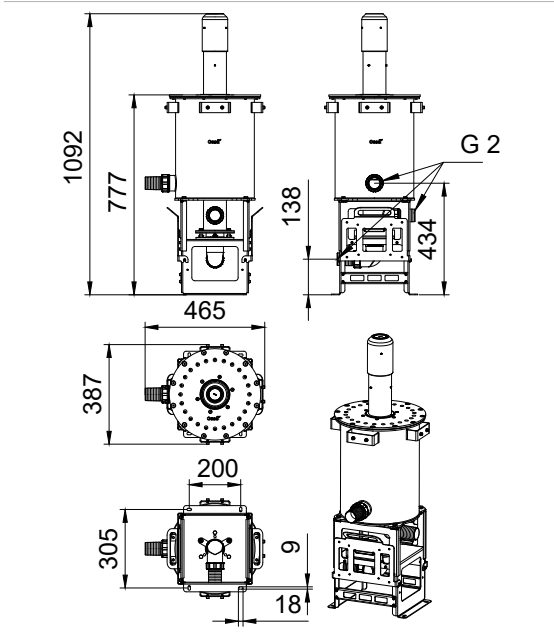
HYDRAULIC DATA

VarioJet CrownNozzle 20 E			
Fountain height	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]
1.00	0.85	116	0.11
2.00	1.55	162	0.23
3.00	2.40	202	0.35
4.00	3.20	237	0.49
5.00	3.90	270	0.64

Max. fountain height with 2 x Varionaut 400/DMX/02 is 9.00 m

TECHNICAL DATA

Product	VarioJet CrownNozzle 20 E	
Dimensions (L x W x H)	[mm]	465 x 387 x 1092
Material	Stainless steel 1.4301 (AISI 304)	
Pressure connection (3x)	G 2	
Weight	[kg]	Approx. 25.00
Item no.	76354	



Orb Nozzle

Simple nozzle change for a wide range of effects

-
-
- Nozzle for floor installation almost completely integrated into the floor
-
- Quick and easy alignment, cleaning and replacement of the ball inserts with the SplashKit multitool
-
- Included in the Orb Nozzle (77879) scope of delivery: robust anthracite-coloured plastic version with six effect inserts
-
- Available separately: high-quality stainless steel versions in five single effect variants
-
- Insert into OASE LED spotlights for perfect lighting – optional choice of SplashKit LED XL RGrBW, ProfiPlane LED XL RGB Spot or ProfiRing LED XL RGB Spot
-
- Perfect in the SplashKit system and with SplashCore water switch
-
- SplashKit Component**
- > See page 160
-
- Integrated water softener for a clear water pattern
-
- 5° adjustable in all directions – e.g. for a vertical jet even on a slope



SplashKit Component

> See page 160



Cluster	Calyx	Comet 10	Comet 12	One-tier Vulcan	Two-tier Vulcan
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ACCESSORIES

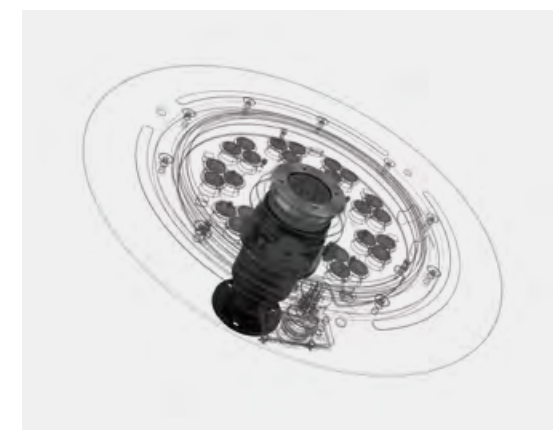
Product		Item no.
SplashKit LED XL RGrBW round/DMX/02	> <i>Page 248</i>	77883
SplashKit LED XL RGrBW square/DMX/02	> <i>Page 248</i>	84839
SplashKit LED XL RGrBW recessed/DMX/02	> <i>Page 248</i>	84882
ProfiRing LED XL RGB Spot/DMX/02	> <i>Page 236</i>	73004
ProfiPlane LED XL RGB Spot/DMX/02	> <i>Page 246</i>	73005
SplashCore/DMX/02	> <i>Page 166</i>	77878
SplashCore NPT/DMX/02	> <i>Page 166</i>	84837



Installation video –
step by step.



FOUNTAIN TECHNOLOGY



EFFECT DESIGN

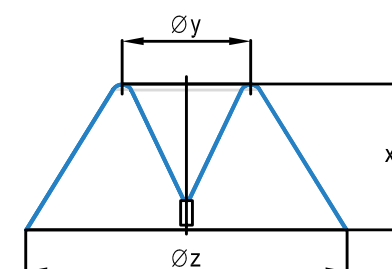
Water effects 
Orb Nozzle

Fountain height
5 m

Suitable for
Fresh water and
pool water 

HYDRAULIC DATA

Nozzle	x [cm]	y [cm]	z [cm]	NWR [l/min]	NPR [bar]
Cluster	100	2.86	–	34.7	0.12
	200	2.86	–	46.4	0.27
	300	2.86	–	57.0	0.42
	400	2.86	–	65.6	0.57
	500	2.86	–	72.0	0.72
Calyx	25	–	100	19.4	0.04
	50	–	200	25.8	0.08
	75	–	300	31.2	0.14
	100	–	400	37.6	0.21
Comet 10	100	1.07	–	28.0	0.11
	200	1.07	–	37.6	0.22
	300	1.07	–	45.2	0.34
	400	1.07	–	53.8	0.50
	500	1.07	–	60.2	0.67
Comet 12	100	1.27	–	30.6	0.12
	200	1.27	–	40.9	0.22
	300	1.27	–	49.5	0.33
	400	1.27	–	59.1	0.46
	500	1.27	–	66.7	0.63
One-tier Vulcan	100	60	130	30.1	0.14
	200	120	260	41.4	0.28
	300	150	300	51.6	0.45
	400	–	–	62.4	0.68
Two-tier Vulcan	100	50	100	34.4	0.13
	200	80	140	48.0	0.26
	300	130	180	59.5	0.42
	400	150	200	69.9	0.58



TECHNICAL DATA



Product		Orb Nozzle	Orb Nozzle Stainless Steel – Cluster	Orb Nozzle Stainless Steel – Calyx	Orb Nozzle Stainless Steel – Comet 10	Orb Nozzle Stainless Steel – Comet 12	Orb Nozzle Stainless Steel – Vulcan
Dimensions (dia. x H)	[mm]	69 x 105	69 x 105	69 x 105	69 x 105	69 x 105	69 x 105
Material		Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)
Weight	[kg]	0.50	0.36	0.46	0.51	0.46	0.36
Item no.		77879	75187	75188	75184	75186	75189

OASE LIVING WATER



**More about
the product!**

Effect design

Rotating nozzle

Elegant turning motion for a truly eye-catching display

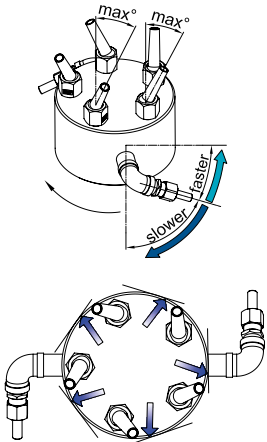
⊕ Rotating, spiral, dynamic water pattern

⊕ Durable with high-quality, robust stainless steel and double-coated brass

⊕ Wind-resistant fountains

i Dynamic use:
> Startup from 0 to 100% of the max. fountain height, no faster than three seconds
> Start up the nozzle at full fountain height four times per minute max.

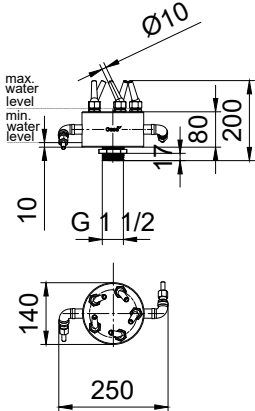
⊕ Different water levels can affect the rotation speed



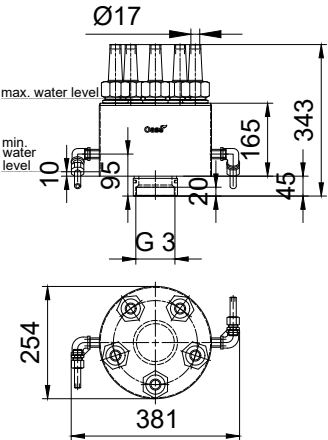
⊕ Five-fold helix made possible by five Comet nozzles arranged in a circle on the rotary nozzle and by the recoil of the two laterally inclined Comet nozzles

ACCESSORIES

Product		Item no.
Hexagonal double nipple 30 silver	> Page 366	51025
Adapter G 15/NPT 15 silver	> Page 367	51027
Adapter G 30/NPT 30 silver	> Page 367	51029



Rotating nozzle 5 - 15 E



Rotating nozzle 5 - 30 E



EFFECT DESIGN

Water effects
Rotating nozzle

Fountain height
10 m

Suitable for
Fresh water

HYDRAULIC DATA

	Rotating nozzle 5 - 15 E			Rotating nozzle 5 - 30 E		
Max. fountain height	NSD	NWR	NPR	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]	[m]	[l/min]	[bar]
1.00	2.00	141	0.25	Adjustable	330	0.15
1.25	2.40	158	0.31	–	–	–
1.50	3.10	173	0.38	–	–	–
1.75	3.50	187	0.44	–	–	–
2.00	4.00	199	0.50	Adjustable	500	0.30
2.50	4.40	223	0.63	–	–	–
3.00	5.00	244	0.76	Adjustable	630	0.50
3.50	5.60	264	0.89	–	–	–
4.00	6.00	282	1.01	Adjustable	740	0.60
5.00	–	–	–	Adjustable	790	0.75
6.00	–	–	–	Adjustable	875	0.90
7.00	–	–	–	Adjustable	980	1.10
8.00	–	–	–	Adjustable	1050	1.30
9.00	–	–	–	Adjustable	1110	1.50
10.00	–	–	–	Adjustable	1170	1.60

TECHNICAL DATA

Product	Rotating nozzle 5 - 15 E	Rotating nozzle 5 - 30 E
Dimensions (L × W × H)	250 × 142 × 200	381 × 254 × 343
Material	Stainless steel/double-coated brass	Stainless steel/double-coated brass
Weight	2.88	17.50
Item no.	50967	50473



Fan Jet

Veils of water that fascinate – and conceal



- +

Aesthetic, fan-shaped water veils

+

Operation independent of water level

+

Perfect as a projection surface for projector and laser shows and for use with the Multi Directional Drive XL 3D/DMX/02 and Multi Directional Drive L 3D/DMX/02 effect units.

+

See page 124

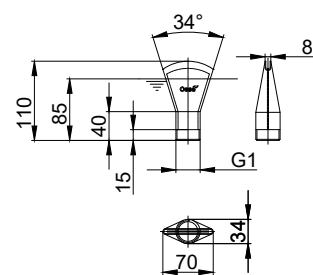
+

Depending on the direction of installation of the nozzles, various water patterns are created, e.g. water curtain or water fall

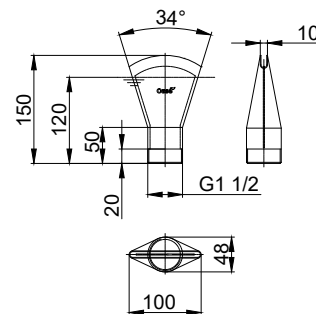
+

To adjust the water pattern, a throttle device is required

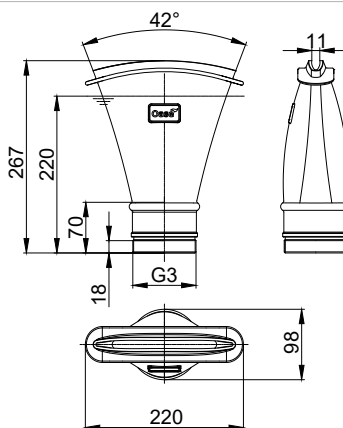
Dynamic+
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.



Fan Jet 10 - 6 E



Fan Jet 15 - 8 E



Fan Jet 30 - 11 E

ACCESSORIES

Product		Item no.	Product		Item no.
Swivel connection 10 silver	> Page 366	51015	Adapter G 15/NPT 15 silver	> Page 367	51027
Swivel connection 15 silver	> Page 366	51016	Reducing sleeve 15 × 10	> Page 367	51032
Sleeve 10 silver	> Page 366	51018	Reducing sleeve 20 × 15	> Page 367	51030
Sleeve 15 silver	> Page 366	51019	Flow Valve 10	> Page 367	51033
Ball joint 10	> Page 368	51165	Multi Directional Drive L 3D/DMX/02	> Page 146	34322
Adapter G 10/NPT 10 silver	> Page 367	51026	Multi Directional Drive XL 3D/DMX/02	> Page 150	46982



EFFECT DESIGN

Water effects
Fan Jet 

Fountain height
9 m

Suitable for
Fresh water,
pool water and
saltwater 

HYDRAULIC DATA

[illegible]

TECHNICAL DATA



Product	Fan Jet 10 - 6 E	Fan Jet 15 - 8 E	Fan Jet 30 - 11 E
Dimensions (L x W x H) [mm]	110 x 70 x 34	150 x 100 x 49	267 x 98 x 220
Water film thickness [mm]	6.00	8.00	11.00
Material	Stainless steel 1.4571 (AISI 316Ti)	Stainless steel 1.4571 (AISI 316Ti)	Stainless steel 1.4571 (AISI 316Ti)
Weight [kg]	0.20	0.40	3.70
Item no.	53056	53047	46983

Gushing nozzle

Rich waterfall with a large visual presence

Striking, largely wind-stable water pattern

For operation independent of water level

Closed, fan-shaped waterfall of 6 mm thickness

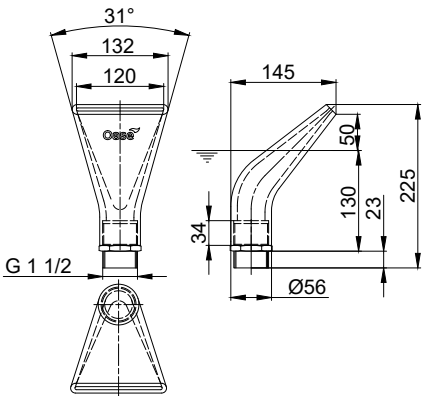
Spectacular configurations possible – e.g. arrangement of multiple gushing nozzles around a central nozzle

Durable, double-coated brass, chrome-plated and nickel-plated

Fan beam angle of 30°

ACCESSORIES

Product		Item no.
Swivel connection 10 silver	> Page 366	51015
Swivel connection 15 silver	> Page 366	51016
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Ball joint 10	> Page 368	51165
Adapter G 10/NPT 10 silver	> Page 367	51026
Adapter G 15/NPT 15 silver	> Page 367	51027
Reducing sleeve 15 × 10	> Page 367	51032
Reducing sleeve 20 × 15	> Page 367	51030
Flow Valve 10	> Page 367	51033



EFFECT DESIGN

Water effects
Gushing nozzle

Fountain height
1.2 m

Suitable for
Fresh water and
pool water

HYDRAULIC DATA

Gushing nozzle 115 - 15 silver				
Parabolic width PW	PH	SPW	NWR	NPR
[m]	[m]	[m]	[l/min]	[bar]
0.50	0.10	0.25	94	0.04
0.75	0.15	0.33	112	0.06
1.00	0.20	0.42	131	0.08
1.25	0.26	0.50	150	0.10
1.50	0.33	0.58	168	0.12
1.75	0.40	0.67	187	0.14
2.00	0.48	0.75	205	0.15
2.50	0.62	0.92	243	0.19
3.00	0.77	1.08	280	0.23
3.50	0.92	1.25	317	0.27
4.00	1.06	1.42	354	0.31
4.50	1.21	1.58	392	0.34

TECHNICAL DATA

Product		Gushing nozzle 115 - 15 silver
Dimensions (L × W × H)	[mm]	132 × 145 × 194
Water film thickness	[mm]	6.00
Material		Double-coated brass
Weight	[kg]	2.54
Item no.		50767

WaterScreenNozzle

The video water spectacle

⊕ Sizes of the semi-circular water screen (W × H): 15 m × 5 m (WaterScreenNozzle S) or 45 m × 15 m (WaterScreenNozzle XL)

⊕ Perfect for video or laser rear projection



⊕ Water film thickness can be individually adjusted

⊕ Optimised nozzles for a clear 180° water screen

⊕ Manufactured from high-quality stainless steel

⊕ No additional flow control pipe is required



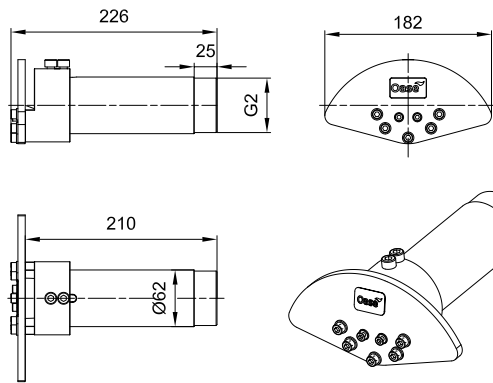
EFFECT DESIGN

Water effects
WaterScreen-
Nozzle

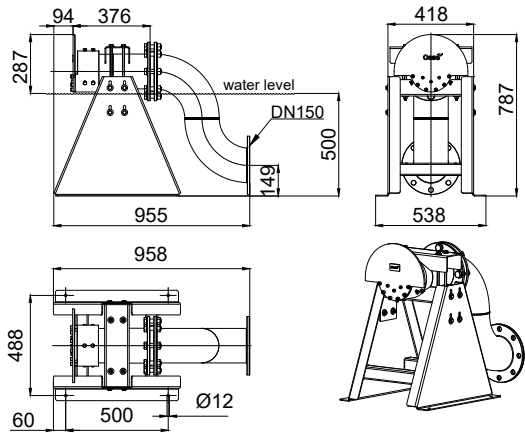
Fountain height
15 m

Suitable for
Fresh water,
pool water and
saltwater

Effect design



WaterScreenNozzle S



WaterScreenNozzle XL

TECHNICAL DATA



Product	WaterScreenNozzle S	WaterScreenNozzle XL
Dimensions (L × W × H)	226 × 182 × 92	930 × 528 × 802
Size of the water screen	15 × 5	45 × 15
NWR	870.00	4000.00
NPR	2.60	12.00
Material	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4571 (AISI 316Ti)
Weight with angle (approx.)	3.50	95.00
Item no.	50480	50481

Lava

Crystal-clear water domes that are particularly quiet

Crystal clear domes with adjustable diameter

Fountain diameter 200 to 1100 mm depending on the model

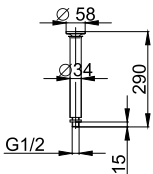
Optionally with underwater lighting

High-quality, modern stainless steel look

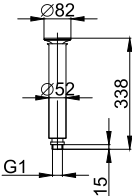
For operation independent of water level



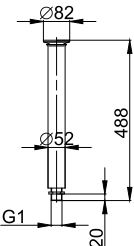
Low noise levels – perfect for indoor applications and wind-protected outdoor rest areas



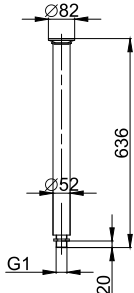
Lava 25 - 5 E



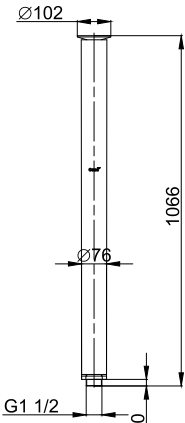
Lava 30 - 10 E



Lava 45 - 10 E



Lava 60 - 10 E



Lava 100 - 15 E



EFFECT DESIGN

Water effects
Lava

Fountain height
0.6 m

Suitable for
Fresh water

ACCESSORIES

Product		Item no.
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Reducing sleeve 15 × 10	> Page 367	51032
Reducing sleeve 20 × 15	> Page 367	51030
Adapter G 10/NPT 10 silver	> Page 367	51026

HYDRAULIC DATA

	Lava 25 - 5 E		Lava 30 - 10 E		Lava 45 - 10 E		Lava 60 - 10 E		Lava 100 - 15 E	
Fountain diameter	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[mm]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
200	17	0.09	–	–	–	–	–	–	–	–
300	21	0.11	35	0.11	–	–	–	–	–	–
400	25	0.14	43	0.13	43	0.14	–	–	–	–
500	29	0.17	51	0.16	51	0.17	51	0.18	–	–
600	33	0.21	59	0.20	59	0.21	59	0.22	–	–
700	–	–	67	0.25	67	0.26	67	0.27	–	–
900	–	–	–	–	75	0.32	75	0.33	86	0.21
1100	–	–	–	–	–	–	83	0.40	108	0.24
1300	–	–	–	–	–	–	–	–	130	0.28

TECHNICAL DATA

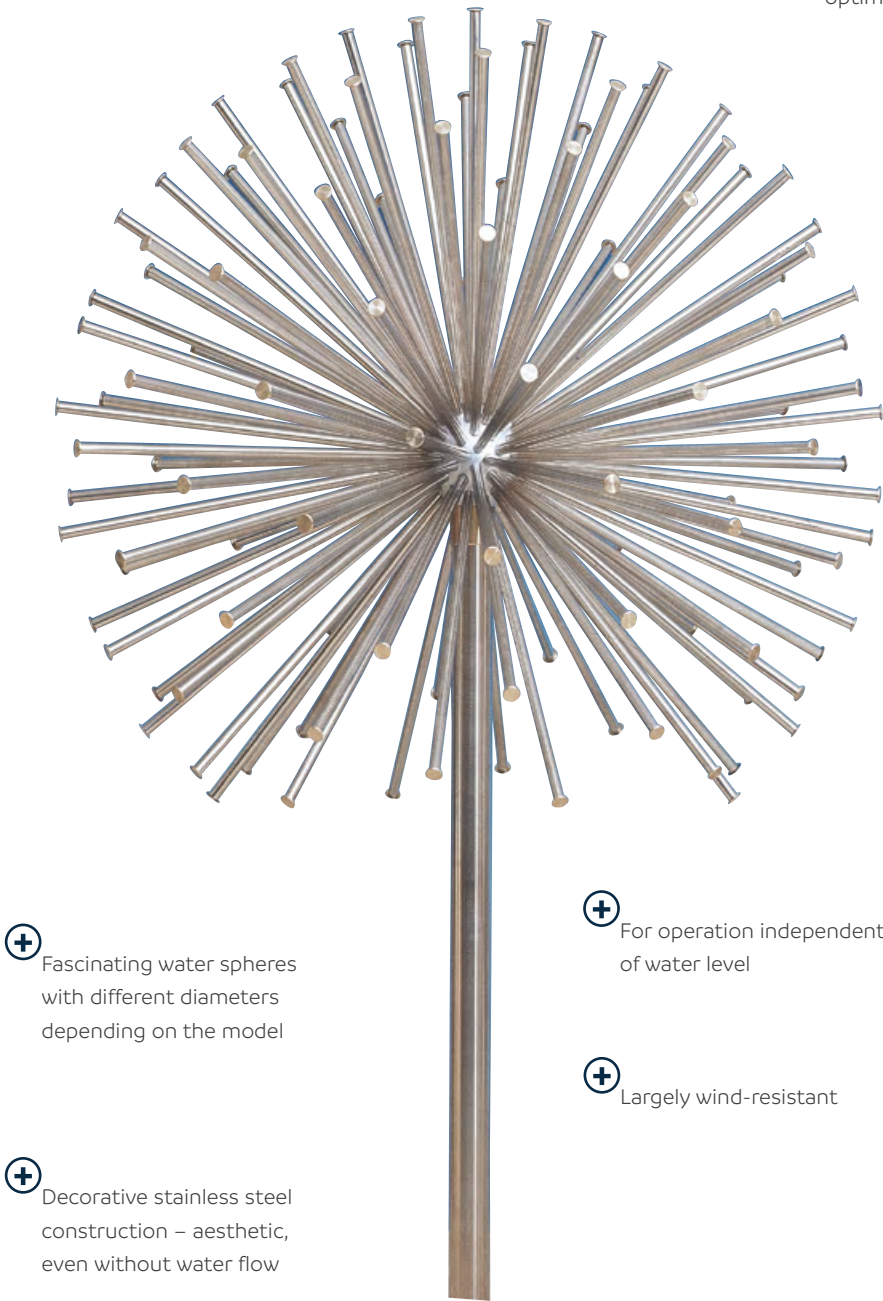
Product	Lava 25 - 5 E	Lava 30 - 10 E	Lava 45 - 10 E	Lava 60 - 10 E	Lava 100 - 15 E
Dimensions (dia. × H)	58 × 290	82 × 338	82 × 488	82 × 636	102 × 1066
Material	Stainless steel 1.4301 (AISI 304)				
Weight [kg]	0.62	1.60	2.10	1.94	5.80
Item no.	50884	50889	50890	50891	50892

Water spheres

Perfect water spheres with a sculptural character

+ Fine water veil

+ Extensive water pattern for optimum visibility from afar



+ Fascinating water spheres with different diameters depending on the model

+ For operation independent of water level

+ Largely wind-resistant

+ Decorative stainless steel construction – aesthetic, even without water flow



EFFECT DESIGN

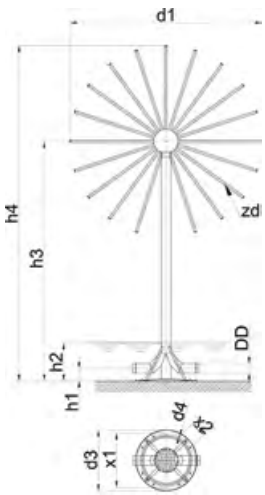
Water effects
Water ball

Fountain height
9.6 m

Suitable for
Fresh water

Effect design

WATER BALL



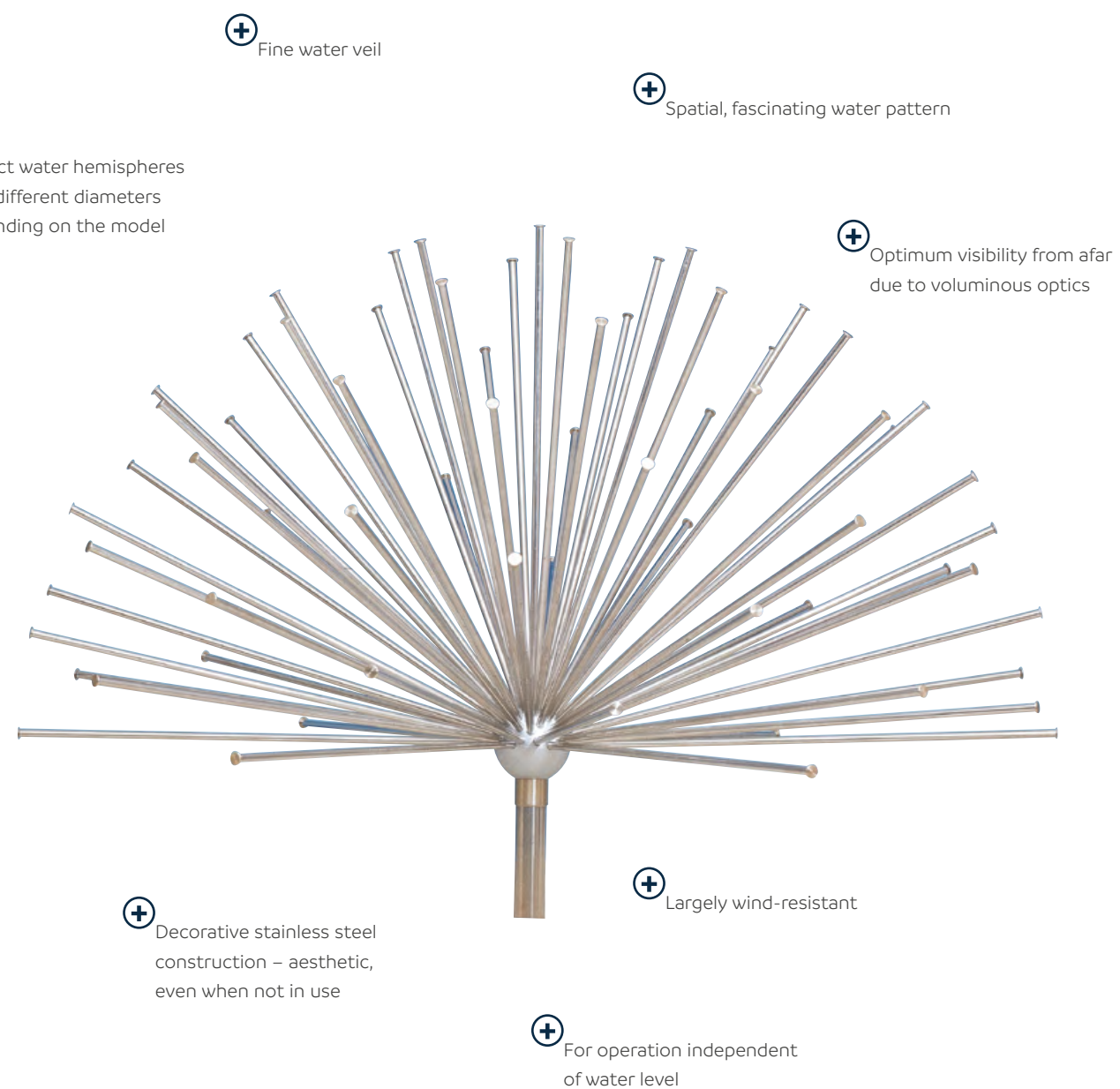
		900	1200	1500	2500	3500	6000
zd	[Unit]	37	79	127	127	380	450
NWR	[l/min]	370.0	790.0	1270.0	1270.0	4180.0	6750.0
NPR	[bar]	1.00	1.00	1.10	1.20	1.60	2.00
MPD	[mm]	2000	2500	3000	4500	6000	10000
DD		1 × DN 65	1 × DN 65	2 × DN 65	2 × DN 65	4 × DN 65	6 × DN 100
d1	[mm]	900	1200	1500	2500	3500	6000
d2	[mm]	76	76	76	76	160	220
d3	[mm]	475	475	475	475	1000	1500
d4	[mm]	12	12	12	12	22	26
h1	[mm]	100	100	100	100	100	125
h2	[mm]	300	300	300	400	500	500
h3	[mm]	1350	1600	1850	2350	4100	6600
h4	[mm]	1800	2200	2600	3600	5850	9600
x1	[mm]	430	430	430	430	900	1400
x2	[mm]	123	123	123	123	200	250

TECHNICAL DATA

Product	Water sphere 900	Water sphere 1200	Water sphere 1500	Water sphere 2500	Water sphere 3500	Water sphere 6000
Dimensions (dia. x H)	[mm] 900 × 1800	1200 × 2200	1500 × 2600	2500 × 3600	3500 × 5850	6000 × 9600
Material	Tombac/stainless steel					
Weight	[kg] 32.00	56.00	100.00	190.00	1100.00	3000.00
Item no.	50894	50895	50896	51759	51760	51761

Water hemispheres

Half spheres, full decorative effect



EFFECT DESIGN

Water effects 

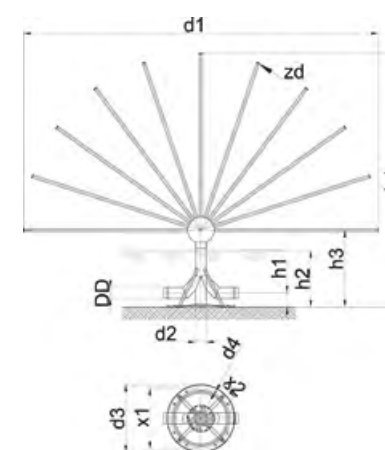
Water hemisphere

Fountain height
3.6 m

Suitable for
Fresh water

Effect design

WATER HEMISPHERE



		900	1200	1500	2500	3500	6000
zd	[Unit]	25	49	73	73	210	248
NWR	[l/min]	250	490	730	730	2310	3720
NPR	[bar]	0.90	0.90	1.00	1.10	1.30	1.50
MPD	[mm]	1500	2000	2500	3500	5000	9000
DD		1 x DN 65	1 x DN 65	1 x DN 65	1 x DN 65	2 x DN 80	3 x DN 100
d1	[mm]	900	1200	1500	2500	3500	6000
d2	[mm]	76	76	76	76	160	220
d3	[mm]	475	475	475	475	1000	1000
d4	[mm]	12	12	12	12	22	22
h1	[mm]	100	100	100	100	100	125
h2	[mm]	300	300	300	400	500	500
h3	[mm]	500	500	500	600	600	650
h4	[mm]	950	1100	1250	1850	2350	3650
x1	[mm]	430	430	430	430	900	900
x2	[mm]	123	123	123	123	200	200

TECHNICAL DATA

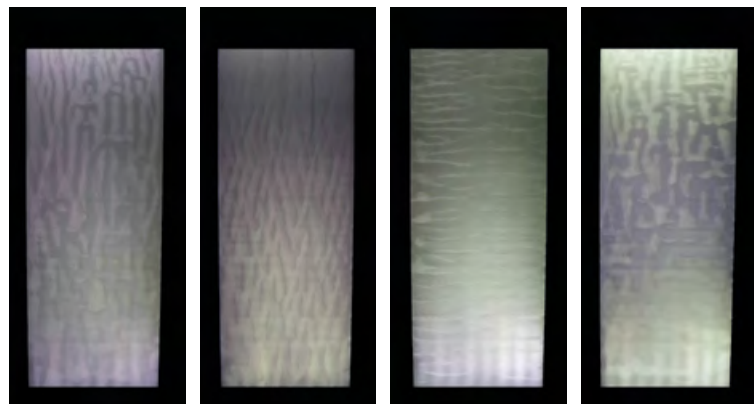
Product		Water hemisphere 900	Water hemisphere 1200	Water hemisphere 1500	Water hemisphere 2500	Water hemisphere 3500	Water hemisphere 6000
Dimensions (dia. x H)	[mm]	900 × 950	1200 × 1100	1500 × 1250	2500 × 1850	3500 × 2350	6000 × 3650
Material		Tombac/stainless steel					
Weight	[kg]	40.00	48.00	80.00	100.00	650.00	1200.00
Item no.		50897	50898	50899	51762	51763	51764

EFFECT DESIGN	
	Water effects LiquidArtWall
	Fountain height 6 m*
	Suitable for Fresh water
	Voltage 220–240 V, 400 V, 110–120 V
	Frequency 50 Hz/60 Hz
	Control system DMX/RDM

* Larger fountain heights on request.

LiquidArtWall

Water wall – perfect as a projection surface or room divider



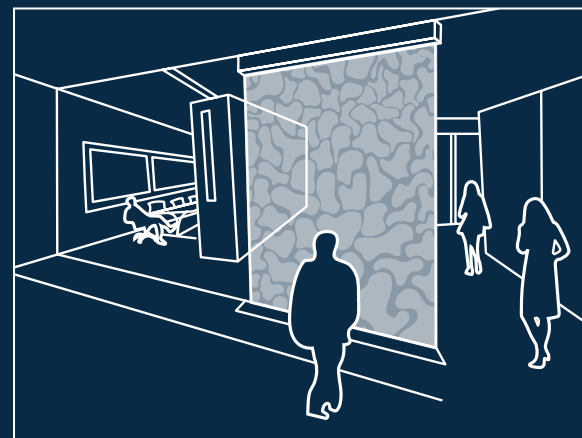
-  Ideal for the rear projection of videos and laser shows
-  Design highlight for shopping centres, office buildings, wellness areas or theme parks
-  Varied water patterns
-  For a long service life: manufactured from high-quality stainless steel
-  Can also be used as an effective room divider or for modern brand presentations using projections
-  Quiet operation
-  Effective humidifier – improves the indoor climate

TECHNICAL DATA

Product	Liquid ArtWall	
Water requirement per metre of wall width (max.)	[l/min]	Approx. 50
Weight of wire mesh	[kg/m²]	Approx. 5
Weight of overflow tank with suspension	[kg/m]	Approx. 150
Material	Stainless steel	
Item no.	58912	

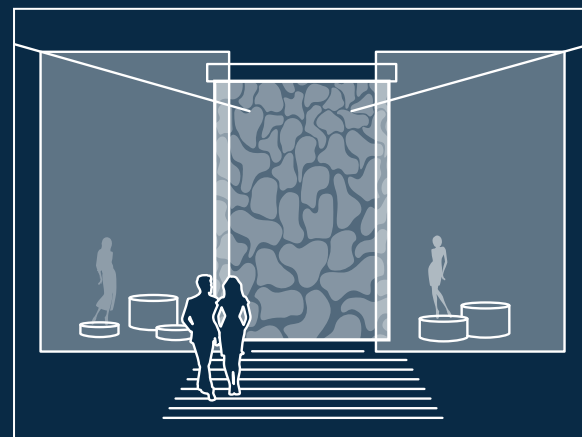
FOUNTAIN TECHNOLOGY

With its exclusive design and low-noise operation, the modular LiquidArtWall water wall is a perfect highlight for indoor areas – such as shopping centres, office buildings or wellness areas.



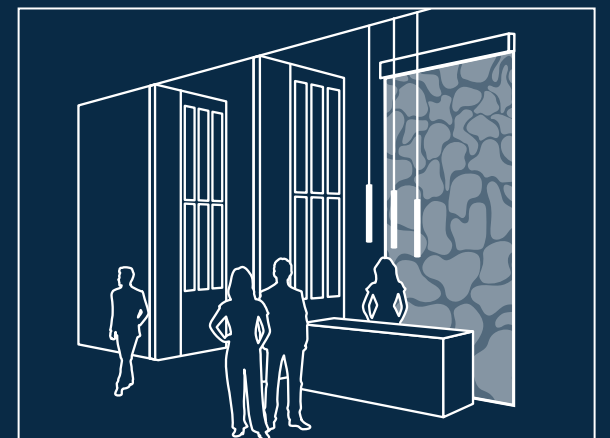
Office

- > Create a space with a calm atmosphere
- > An elegant alternative to frosted glass and conventional partitions
- > Protect visibility and privacy with the water curtain
- > Create a pleasant climate



Shopping centre

- > Individual creative possibilities
- > Exclusive design
- > A vibrant water feature that fascinates employees and customers alike
- > Communication space for brands and brand messages



Reception area

- > High-quality design element as an eye-catching feature
- > Soothing effect of water noise
- > A perfect complement to any room design
- > Pleasant indoor climate

FlashWall

Say it with water: Text and graphics



- ⊕ Modular water wall
- ⊕ Compact arrangement of nozzles and valves for a dense water curtain with high resolution
- ⊕ Sharp, contour-oriented texts and graphics thanks to fast-reacting valve technology
- ⊕ Precise valve control via DMX/CAN
- ⊕ Recommended maximum height: 10 m
- ⊕ Ideal for the rear projection of images, videos and laser graphics
- ⊕ Modular and variable system: straight or curved, diameter from 3 to 8 m
- ⊕ Optional: RGB LED illumination and SMS interface for displaying personal text messages



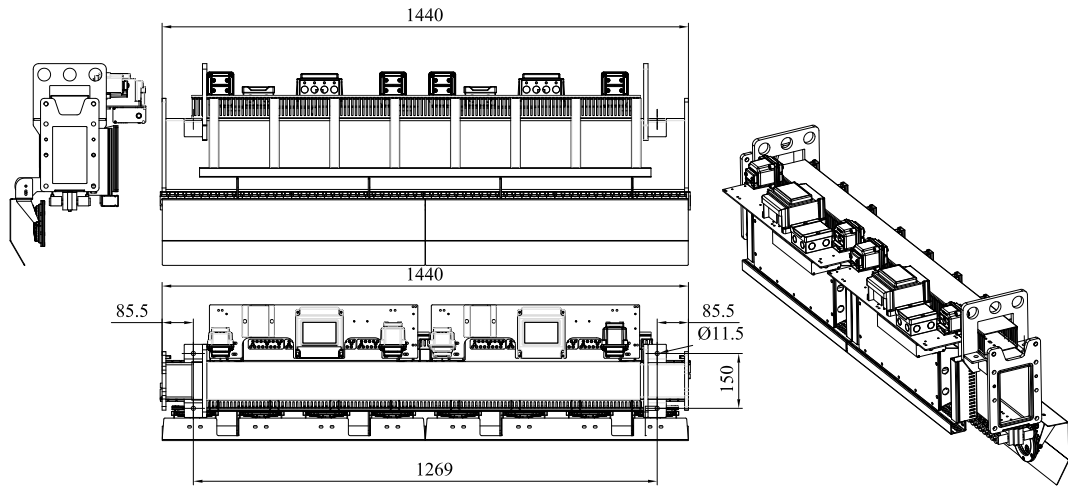
ACCESSORIES

Product		Item no.
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373

Product		Item no.
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



EFFECT DESIGN	
Water effects	FlashWall
Fountain height	10 m
Suitable for	Fresh water
Voltage	220–240 V, 110–120 V
Frequency	50 Hz/60 Hz
Control system	DMX



FlashWall

TECHNICAL DATA

Product		FlashWall			
Module length*	[mm]	720	1440	2160	2880
Number of DMX channels	[Unit]	12	12	12	12
Nozzle spacing	[mm]	11.25	11.25	11.25	11.25
Nozzle opening	[mm]	4.6	4.6	4.6	4.6
Nozzle water requirement	[l/min]	32	64	94	128
Number of nozzles	[Units]	64	128	192	256
Rated voltage		24 V DC	24 V DC	24 V DC	24 V DC
Power consumption	[W]	320	640	960	1280
Material		Stainless steel/POM			
Weight per module – unfilled	[kg]	35.00	70.00	105.00	140.00
Weight per module – filled	[kg]	42.00	84.00	126.00	168.00
Item no.		58975			

*The different modules can be combined as desired.

Mylar lace fountain systems

Ideal for indoors: quiet and practically spray-free

Perfect for hotel foyers, malls or other large interiors, as it is quiet and largely spray-free

Curtains of water running down near-invisible mylar laces

Attractive design concept for high-quality interior design

Can serve as a special room divider or as a distinctive architectural highlight

Supplied by water distribution system at top with mylar nozzles and mylar laces

All technology is hidden in the lower water tank to save space

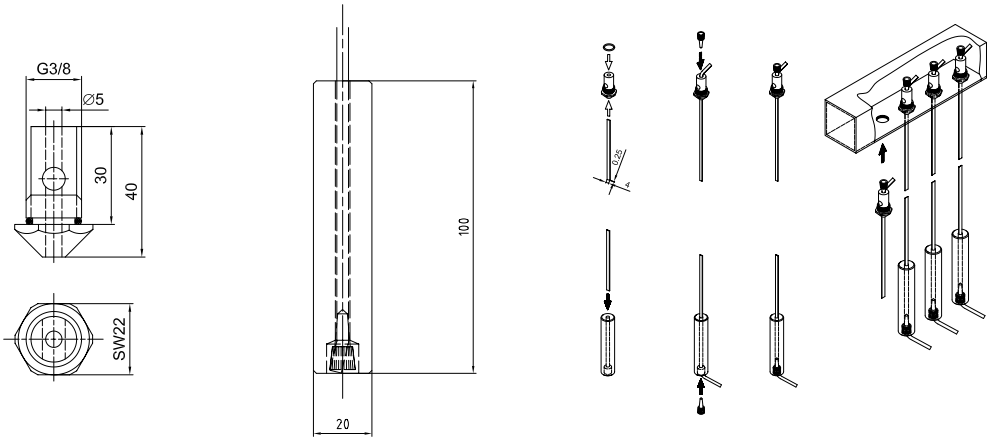
Effective humidifier for a healthy indoor climate



- EFFECT DESIGN
- Water effects
Mylar lace system
- Fountain height
26 m*
- Suitable for
Fresh water

* Larger fountain heights on request.

Effect design



Mylar lace fountain systems

TECHNICAL DATA

			
Product	Mylar lace nozzle 22 MS	Mylar lace 025/4	Mylar lace 20/100 MS
Dimensions (L × W × H)	[mm] 22 × 22 × 40	4 × 0.25 × 150000	20 × 20 × 100
Water requirement	[l/min] 0.5	–	–
Material	Brass	Mylar lace	Brass
Weight	[kg] 0.10	0.21	0.20
Item no.	52218	52219	52220

Fire effects



FountainFlame

Create a spectacle with fire, water and light



⊕ Max. fountain height with flame up to 8 m

⊕ “Running” flame can also be projected onto the water parabola

- ➕ Enormous creative freedom with the combination of water, fire and light effects

- ⊕ Highly dynamic special effects: Gas flames crown variable water jets, which can be individually illuminated by RGB LED spotlights

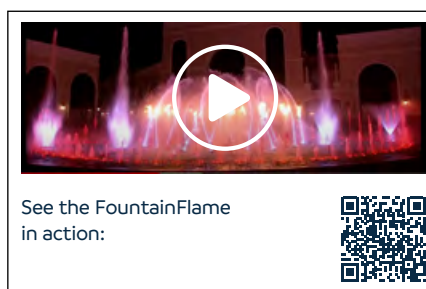
 Suitable for use in fresh water and pool water

 ProNect waterproof connectors for DMX and lighting

 DMX/RDM-enabled system
with 230 V technology

ACCESSORIES

Product		Item no.
WECS® III 512/DMX/02	> <i>Page 282</i>	84966
WECS® III 1024/DMX/02	> <i>Page 282</i>	84967
WECS® III Multimedia Controller D2	> <i>Page 286</i>	87750



EFFECT DESIGN

Fire effects
FountainFlame

Fountain height
8 m

Suitable for
Fresh water and
pool water 

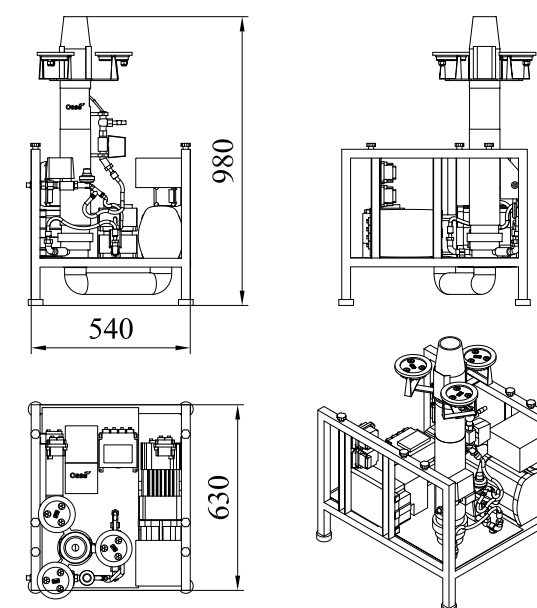
Voltage
220–240 V

Frequency
50 Hz/60 Hz

Control system
DMX/RDM

TECHNICAL DATA

Product	FountainFlame/DMX/02
Dimensions (L × W × H) [mm]	540 × 630 × 980
Number of DMX channels	[Unit] 8
Max. effect height	[m] 8.00
Connection type, gas pressure line	G ½ female thread (EN ISO 228-1), flat sealing
Gas line requirements	Propane (further information on request)
Power consumption max.	[W] 900
Rated voltage	230 V/50 Hz
Rated current	[A] 3.9
Pump power cable length	[m] 10.00
Power connection type	Cable ends, PowerBox 24 V DC/01
DMX/RDM connection type	DMX-Box / 01
Protection class	IP68
Material	Stainless steel 1.4301 (AISI 304)
Weight	[kg] 120.00
Included in delivery	> 1 × 46421 Varionaut 400/DMX/02 > 1 × 0523 Comet Prec 20 - 20 silver > 3 × 36088 ProfiLux LED L RGB Spot/DMX/02 > 1 × 70468 Underwater LED Driver Compact/DMX/02 > 1 × 84956 Underwater Switch 24 V DC Compact/DMX/02 > 1 × Flame system
Item no.	52126



**More about
the product!**

BigFlameAqua

Fireballs with long-range effect

+ Large, widely visible fireballs up to 10 m high

+ Spectacular fire effect for outdoor use



+ Installation in the water basin

+ Operates with 100% propane gas

+ High operational reliability thanks to state-of-the-art burner technology and control systems



Discover impressive video sequences here:

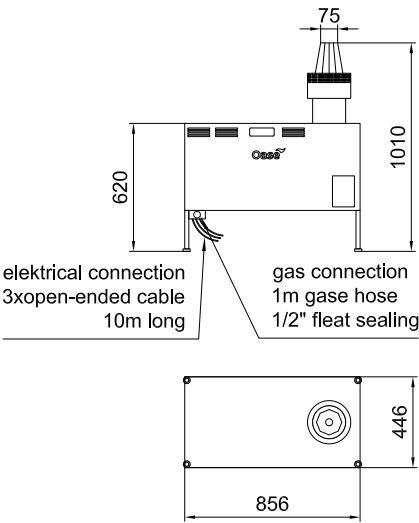




EFFECT DESIGN	
Fire effects	
BigFlameAqua	
Fountain height	10 m
Suitable for	Fresh water and pool water 
Voltage	220–240 V
Frequency	50 Hz/60 Hz

TECHNICAL DATA

Product	BigFlameAqua
Dimensions (L × W × H) incl. gas tank	[mm] 856 × 446 × 1010
Max. effect height	[m] 10.00
Connection type, gas pressure line	G ½ female thread (EN ISO 228-1), flat sealing
Gas line requirements	Propane (further information on request)
Min. gas operating pressure	[bar] 0.50
Max. gas operating pressure	[bar] 4.50
Safety distance from the device – side	[m] 8.00
Safety distance from the device – above	[m] 17.00
Power consumption max.	[W] 500
Rated current	[A] 2
Power connection type	Cable ends
Rated voltage	230 V/50 Hz
Protection class	IP68
Material	Stainless steel 1.4301 (AISI 304)
Weight	[kg] 70.00
Item no.	52127



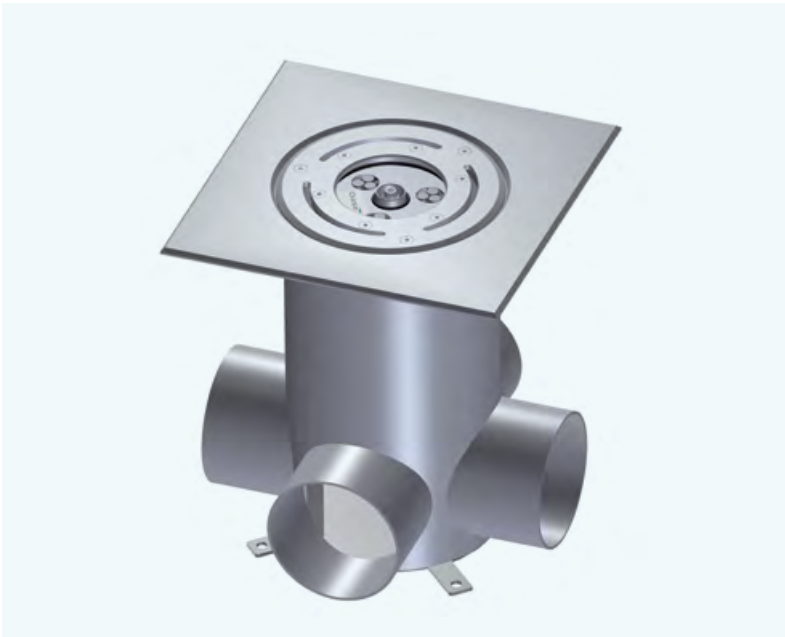
More about the product!

Mist effects

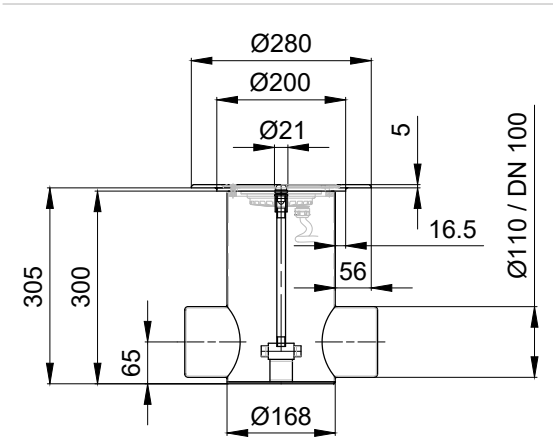


Mist system

Finest droplets with an enchanting effect



- + Shrouds of mist as a large projection body for LED illumination
- + Choose between mist nozzles (pressure approx. 3 bar) and high-pressure mist nozzles (approx. 80 bar) operated with tap water – for a particularly fine mist image
- + Mist nozzle system with LED light and/or installation container depending on the project
- + Individual solutions available
- + Delicate, expansive fog
- i Example, individual customer solution possible



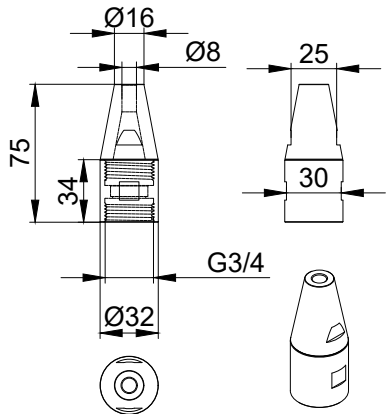
TECHNICAL DATA			
Product		Mist system*	
Dimensions (L x W x H)	[mm]	300 x 300 x 305	
Material		Stainless steel 1.4301 (AISI 304)	
Weight	[kg]	7.50	
Item no.		58909	

* With mist nozzle, LED, installation container.

Vapor Effect Nozzle

Fine mist for atmospheric light spectacle

- + Ideal as a supplement and optical enlargement for a fountain installation
- + Impeccably staged mist effect
- + Impressively large water mist fountains are created with multiple effect nozzles
- + Perfectly suited as a projection surface – for fascinating light shows in the dark
- + Very fine, dense mist for high visibility
- + Robust, durable design made of high-quality brass



HYDRAULIC DATA			
Vapor Effect Nozzle			
Fountain height	NWR	NPR	NSD
[m]	l/min	[bar]	[m]
0.50	9.4	1.2	3.2
1.00	13.3	1.6	4.4
1.50	15.7	1.9	5.0
2.00	18.1	2.3	5.6
2.50	20.0	2.7	6.0

TECHNICAL DATA		Vapor Effect Nozzle	
Product		Vapor Effect Nozzle	
Dimensions (dia. x H)	[mm]	32 x 75	
Material		Brass	
Weight	[kg]	0.26	
Item no.		58914	

Moving effects



Take your installation to a new level with highly dynamic fountain shows

Innovative water effects and fountains that seem to dance in all directions and inspire spectators with their energy – it's all made possible with OASE Fountain Technology. Thanks to the innovative drive technology combined with a large number of nozzle attachments, a wide variety of shapes and movements can be generated on three directional axes. The fountains can rotate endlessly around 360° and swivel simultaneously in all directions. This gives planners and architects never-before-imagined design options for every kind of fountain show.



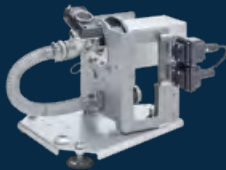
Effect with finger nozzle 7 - 15E > page 68

Fountain effects on one axis

Impressive water patterns are already possible on one axis of the fountain movement – e.g. swivelling back and forth with the Swivel L and S. Together with your desired fountain attachment, such as the finger nozzle, you have the option of moving and controlling the entire fountain. Thanks to the flexible drive technology used in the Swivel, the fountains can swivel along one axis and reach maximum heights of up to 8 or 20 metres. The rotation module L, on the other hand, rotates around its own

axis – left or right – at up to 720° per second, creating new, fascinating water patterns. All products are suitable for both fresh water and pool water, so you have complete flexibility in your choice of location. The rotation module can also be used for saltwater fountain installations; the Swivel is available for this on request.

ON ONE AXIS



Swivel S

72888

> Page 128



Swivel L

71427

> Page 130



Rotational module L

71244

> Page 132



Effect with Comet Prec 20 - 20 silver > Page 54

Fountain effects on two axes

Swivelling on two axes introduces a new direction of motion: It can be used to run fountains in opposite directions, creating water patterns with significantly more dynamics. With the Multi Directional Drive XL 2D effect drive and a corresponding Comet fountain nozzle, fountain heights of up to 30 m are possible. The two smaller sizes of the MDD 2D reach heights of up to 8 m and 20 m. The controllable fountains can be swivelled in all four directions. The best part is that the entire fountain technology of the MDD L 2D and XL 2D can disappear under water at the push

of a button and thus remain invisible outside the shows. The MDD S drive of the 2D range is suitable for fresh water and pool water, while the sizes L and XL are even suitable for saltwater.



ON TWO AXES



Multi Directional Drive S 2D

72887

> Page 134



Multi Directional Drive L 2D

34318

> Page 138



Multi Directional Drive XL 2D

45076

> Page 142



Effect with finger nozzle 7 - 15E > page 68

Fountain effects on three axes

The multiple capabilities of the OASE effect drives enable movements on three axes, allowing you to create true works of art with your fountains. The Multi Directional Drive 3D lets you pan and rotate fountains in all directions at the same time for incredibly dynamic, spectacular fountain shows. You can also project images or video scenes onto a water screen to delight your spectators. And if you want to take a break during your fountain show, all of the technology can be lowered at the touch of a button and made to disappear under

the surface of the water. You also have full flexibility when choosing the installation location, since the Multi Directional Drives can be used in fresh water, pool water and even saltwater.



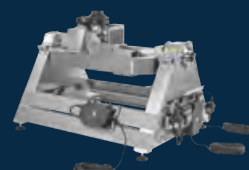
ON THREE AXES



Multi Directional Drive L 3D

34322

> Page 146



Multi Directional Drive XL 3D

46982

> Page 150

FOR ABSOLUTE "WOW" EFFECTS

The following pages provide more detail about the OASE effect drives, which, in combination with fountain attachments, provide exceptionally dynamic effects.



Moving effects



Swivel S

> Page 128



Swivel L

> Page 130



Rotational module L

> Page 132



Multi Directional Drive S 2D

> Page 134



Multi Directional Drive L 2D

> Page 138



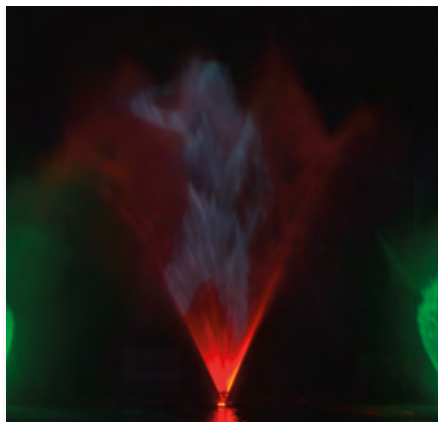
Multi Directional Drive XL 2D

> Page 142



Multi Directional Drive L 3D

> Page 146



Multi Directional Drive XL 3D

> Page 150



VarioSwitch

> Page 154



VarioDrop

> Page 158



SplashCore

> Page 166

Swivel S

Water in swivel motion



- Water swivels back and forth at fountain heights of up to 8 m



Single-axis drive with a swivel range of 90°



- Exciting effects in combination with nozzles such as Comet or Cluster Eco



Dynamic+
Für Wow-Effekte in Kombination
mit Fontänenaufsätzen.

> See page 124



Controllable via DMX/RDM



Robust stainless steel design



For fresh and pool water,
at min. water height of
300 mm and max. water
height of 390 mm



Safety low voltage 24 V DC



Energy-efficient motor, 24 V DC

ACCESSORIES

Product		Item no.	Product		Item no.
Comet 15 - 15 silver	> Page 50	48276	End resistant for BUS-system DMX/01	> Page 318	12007
LED Modul MDD S/DMX/02	> Page 256	72888	Connecting cable 24 V DC/1,0 m/01	> Page 312	12762
Cluster Eco 15 - 38	> Page 56	45480	Connecting cable 24 V DC/1,5 m/01	> Page 312	49629
Varionaut 400/DMX/02	> Page 188	46421	Connecting cable 24 V DC/3,0 m/01	> Page 312	12552
Connecting cable DMX/1,0 m/01	> Page 318	12368	Connecting cable 24 V DC/7,5 m/01	> Page 312	12553
Connecting cable DMX/1,5 m/01	> Page 318	49628	Connecting cable 24 V DC/15,0 m/01	> Page 312	11720
Connecting cable DMX/3,0 m/01	> Page 318	12369	PowerBox 24 V DC/01	> Page 313	50493
Connecting cable DMX/5,0 m/01	> Page 318	12371	Underwater power supply 250/24 V/01	> Page 300	50733
Connecting cable DMX/10,0 m/01	> Page 318	12372	WECS® III 512/DMX/02	> Page 282	84966
Connecting cable DMX/20,0 m/01	> Page 318	12373	WECS® III 1024/DMX/02	> Page 282	84967
Distance piece with blind caps	> Page 318	46230	WECS® III Multimedia Controller D2	> Page 286	87750
DMX-Box / 01	> Page 319	57646			



EFFECT DESIGN

Moving effects 
Swivel S

Fountain height
8 m

Suitable for
Fresh water and
pool water

Voltage
24 V DC

Control system
DMX/RDM

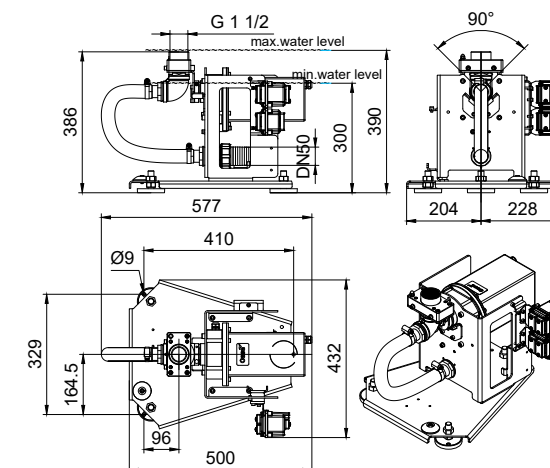
Plug and Spray

HYDRAULIC DATA

	Swivel S		Comet 15 - 15 silver on Swivel S		Cluster Eco 15 - 38 on Swivel S	
Fountain height	Flow rate Q	Differential pressure P	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	l/min	[bar]	[l/min]	[bar]
1.00	50	0.03	44	0.12	56	0.17
2.00	70	0.05	67	0.28	79	0.33
3.00	90	0.08	84	0.43	95	0.46
4.00	100	0.10	98	0.56	111	0.62
5.00	120	0.16	110	0.71	126	0.77
6.00	130	0.19	120	0.86	138	0.94
7.00	150	0.26	130	1.01	148	1.09
8.00	170	0.32	138	1.17	166	1.21
Material	Stainless steel 1.4301 (AISI 304)		Stainless steel 1.4301 (AISI 304) + double-coated brass		Stainless steel 1.4301 (AISI 304)	
Item no.	72888		48276 + 72888		45480 + 72888	

TECHNICAL DATA

Product	Swivel S/DMX/02
Dimensions (L x W x H)	[mm] 577 x 432 x 386
Power connection type	PowerBox 24 V DC/01
Power consumption	[W] 22
Number of DMX channels	[Unit] 4
DMX/RDM connection type	DMX-Box / 01
Rated voltage	24 V DC
Rated current	[A] 0.9
Water level min.	[mm] 300
Water level max.	[mm] 390
Delivery swivel range	[°] 90
Swivel speed max.	[°/s] 72.00
Nozzle connection (female thread)	G 1½
Pressure-side connection	G 2
Protection class	IP68
Max. operating pressure	[bar] 1.30
Material	Stainless steel 1.4301 (AISI 304)
Weight	[kg] 22.00
Item no.	72888



More about the product!

Swivel L

Fascinating effects with 180° swivel range



- A detailed view of the Oase Dynamic+ fountain pump unit. The unit is constructed from stainless steel and features a prominent 90-degree elbow nozzle on the left side. The main body is cylindrical with a white protective cap. Various components are visible, including a control box with a label, electrical wiring, and safety warning symbols. The unit is mounted on a sturdy frame.
- Creates swivelling, impressive water effects
- Single-axis drive with a swivel range of 180°
- Creative freedom by combining different nozzles, e.g. with precision or Fan Jets
- Dynamic+**
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.
- > See page 124
- Robust stainless steel design
- For fresh water and pool water, salt-water on request
- Energy efficient motor, 24 V DC
- Controllable via DMX/RDM
- Safety low voltage 24 V DC

ACCESSORIES

Product		Item no.	Product		Item no.
Comet Prec 20 - 20 silver	> Page 54	50523	End resistant for BUS-system DMX/01	> Page 318	12007
Finger nozzle 7 - 15 E	> Page 68	51110	Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
LED Modul Swivel L/DMX/02	> Page 258	73732	Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable DMX/1.0 m/01	> Page 318	12368	Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable DMX/1.5 m/01	> Page 318	49628	Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable DMX/3.0 m/01	> Page 318	12369	Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
Connecting cable DMX/5.0 m/01	> Page 318	12371	PowerBox 24 V DC/01	> Page 313	50493
Connecting cable DMX/10.0 m/01	> Page 318	12372	Underwater power supply 250/24 V/01	> Page 300	50733
Connecting cable DMX/20.0 m/01	> Page 318	12373	WECS® III 512/DMX/02	> Page 282	84966
Distance piece with blind caps	> Page 318	46230	WECS® III 1024/DMX/02	> Page 282	84967
DMX-Box / 01	> Page 319	57646	WECS® III Multimedia Controller D2	> Page 286	87750

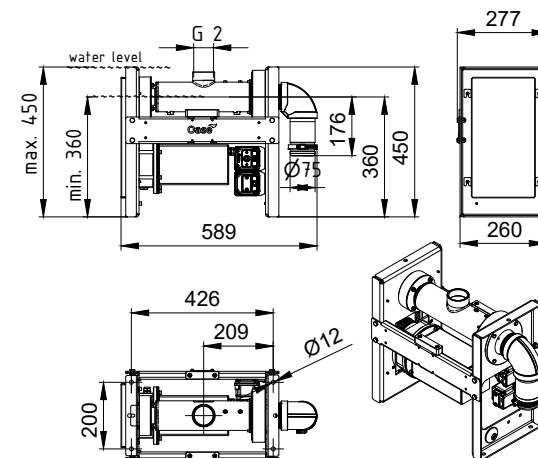


HYDRAULIC DATA

	Comet Prec 20 - 20		Swivel L	Comet Prec 20 - 20 on Swivel L	
Fountain height	NWR	NPR	Differential pressure P	NWR	NPR
[m]	[l/min]	[bar]	[bar]	[l/min]	[bar]
1.00	90	0.12	0	90	0.12
2.00	117	0.22	0.01	117	0.23
4.00	170	0.46	0.01	170	0.47
6.00	227	0.69	0.02	227	0.71
8.00	263	0.92	0.03	263	0.95
10.00	295	1.16	0.04	295	1.20
12.00	323	1.40	0.04	323	1.44
14.00	350	1.64	0.05	350	1.69
16.00	385	1.90	0.06	385	1.96
18.00	420	2.15	0.06	420	2.21
20.00	441	2.40	0.07	441	2.47
Material	Stainless steel 1.4571/1.4301 (AISI 316Ti/304)		Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4571/1.4301 (AISI 316Ti/304)	
Item no.	50523		71427	50523 + 71427	

TECHNICAL DATA

Product		Swivel L/DMX/02
Dimensions (L x W x H)	[mm]	589 x 314 x 450
Power consumption	[W]	26.4
Number of DMX channels	[Unit]	4
DMX/RDM connection type		DMX-Box / 01
Rated voltage		24 V DC
Power connection type		PowerBox 24 V DC/01
Rated current	[A]	1.1
Water level min.	[mm]	360
Water level max.	[mm]	450
Water level storage position	[mm]	450
Delivery swivel range	[°]	180
Nozzle connection (female thread)		G 2
Pressure-side connection		DN 65
Protection class		IP68
Max. operating pressure	[bar]	2.50
Material		Stainless steel 1.4301 (AISI 304)
Weight	[kg]	31.40
Item no.		71427



OASE LIVING WATER

EFFECT DESIGN

Moving effects 

Fountain height
20 m

Suitable for
Fresh water,
pool water and
saltwater

Voltage
24 V DC

Control system
DMX/RDM

Plug and Spray

* Saltwater product version on request.

Effect design



**More about
the product!**

Rotational module L

Highly dynamic effects through continuous rotation



-
-
- Individually controllable and rotatable and positionable along continuous scales, with different rotational directions and speeds of up to 720° per second
-
- Position-accurate control, also for asymmetrical nozzles
-
- Controllable via DMX/RDM
-
- Impressive water patterns with high dynamics due to continuous rotational movements
-
- ### Dynamic+
- Für Wow-Effekte in Kombination mit Fontänenaufsätzen.
- > See page 124
-
- Suitable for various nozzles:
Fan Jet 15 - 8 E and finger nozzle 7 - 15 E
-
- Energy-efficient motor, 24 V DC
-
- Suitable for fresh water, pool water and saltwater operation with a minimum water height of 240 mm
-
- LED module on request

ACCESSORIES

Product		Item no.	Product		Item no.
Finger nozzle 7 - 15 E	> Page 68	51110	DMX-Box / 01	> Page 319	57646
Fan Jet 15 - 8 E	> Page 94	53047	Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Underwater power supply 250/24 V/01	> Page 300	50733	Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable DMX/1.0 m/01	> Page 318	12368	Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable DMX/1.5 m/01	> Page 318	49628	Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable DMX/3.0 m/01	> Page 318	12369	Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
Connecting cable DMX/5.0 m/01	> Page 318	12371	PowerBox 24 V DC/01	> Page 313	50493
Connecting cable DMX/10.0 m/01	> Page 318	12372	WECS® III 512/DMX/02	> Page 282	84966
Connecting cable DMX/20.0 m/01	> Page 318	12373	WECS® III 1024/DMX/02	> Page 282	84967
End resistant for BUS-system DMX/01	> Page 318	12007	WECS® III Multimedia Controller D2	> Page 286	87750



EFFECT DESIGN

Moving effects 

Rotating module

Fountain height
5 m

Suitable for
Fresh water,
pool water and
saltwater

Voltage
24 V DC

Control system
DMX/RDM

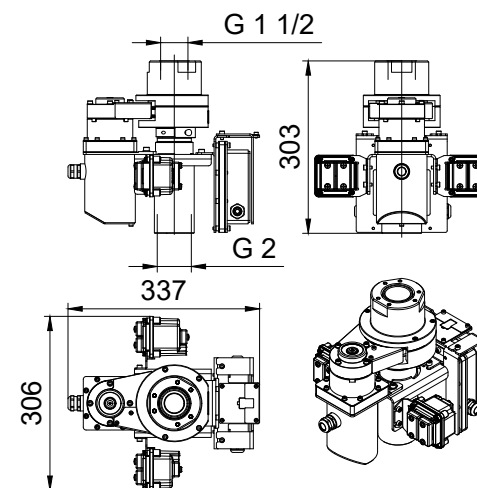
Plug and Spray

HYDRAULIC DATA

	Finger nozzle 7 - 15 E		Rotating module	Finger nozzle 7 - 15 E on rotating module	
Fountain height	NWR	NPR	Differential pressure P	NWR	NPR
[m]	[l/min]	[bar]	[bar]	[l/min]	[bar]
1.00	150	0.10	0.08	150	0.18
2.00	200	0.21	0.10	200	0.31
3.00	250	0.35	0.13	250	0.48
4.00	300	0.48	0.18	300	0.66
Material	Stainless steel 1.4404 (AISI 316L)		Stainless steel 1.4571 (AISI 316Ti)	Stainless steel 1.4404/1.4571 (AISI 316L/316Ti)	
Item no.	51110		71244	51110 + 71244	

TECHNICAL DATA

Product		Rotation module L/DMX/02
Dimensions (L × W × H)	[mm]	303 × 337 × 306
Power consumption	[W]	35
Number of DMX channels	[Unit]	4
DMX/RDM connection type		DMX-Box / 01
Rated voltage		24 V DC
Rated current	[A]	1.1
Power connection type		PowerBox 24 V DC/01
Water level min.	[mm]	240
Water level max.	[mm]	240
Rotational speed max.	[°/s.]	360.00
Nozzle connection (female thread)		G 1 ½
Pressure-side connection		G 2
Protection class		IP68
Max. operating pressure	[bar]	2.00
Material		Stainless steel 1.4571 (AISI 316Ti)
Weight	[kg]	12.00
Item no.		71244



OASE LIVING WATER



**More about
the product!**

Multi Directional Drive S 2D

Extensive, highly dynamic water effects

- + Versatile movement options thanks to a swivel range of up to 90° on the x axis and y axis
- + Individual effects: suitable for different nozzles and a minimum water height of 300 mm and maximum water height of 390 mm
- + Safety low voltage 24 V DC

+ Individually controllable swivel drive with two axes in the x and y direction for impressive effects and fountain heights up to 8 m



Dynamic+
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.
> See page 124

- + Energy-efficient motor, 24 V DC
- + Robust stainless steel design
- + For fresh water and pool water
- + Control via DMX/RDM



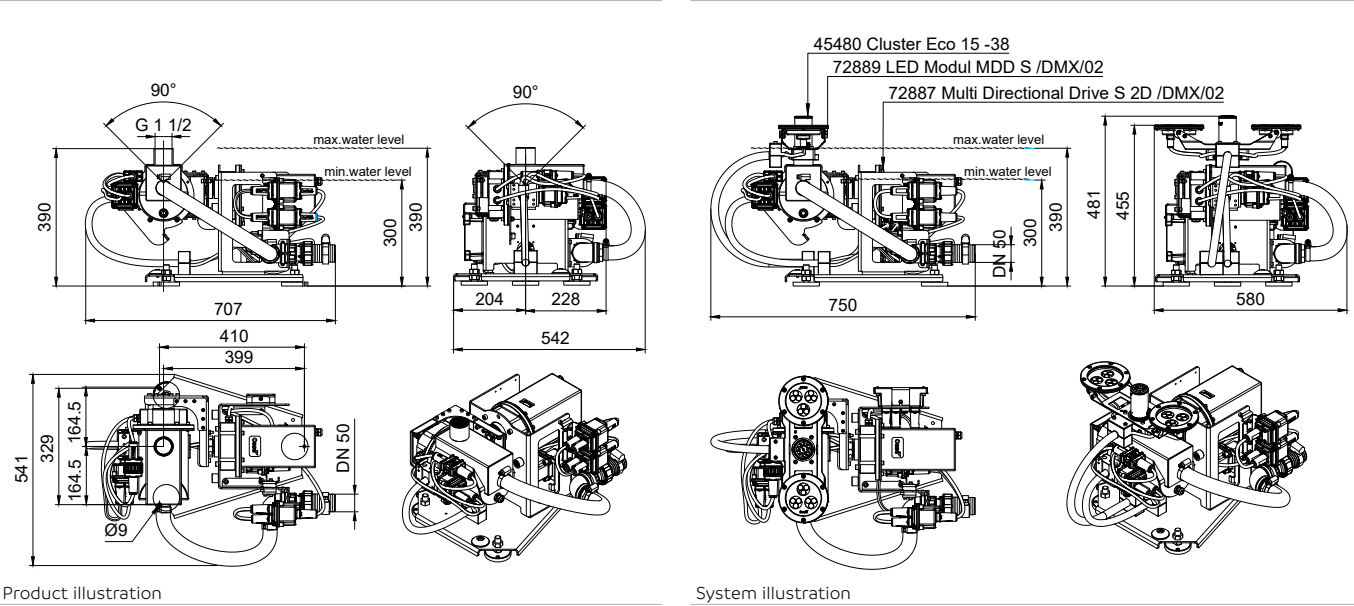
EFFECT DESIGN	
Moving effects	Multi Directional Drive S 2D 
Fountain height	
8 m	
Suitable for	Fresh water and pool water 
Voltage	
24 V DC	
Control system	DMX/RDM
Plug and Spray	

ACCESSORIES

Product		Item no.
Comet 15 - 15 silver	> Page 50	48276
LED Modul MDD S/DMX/02	> Page 256	72889
Cluster Eco 15 - 38	> Page 56	45480
Varionaut 400/DMX/02	> Page 188	46421
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
Distance piece with blind caps	> Page 318	46230
DMX-Box / 01	> Page 319	57646
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



More about the product!



HYDRAULIC DATA

MDD S 2D.			Comet 15 - 15 silver on MDD S 2D		Cluster Eco 15 - 38 on MDD S 2D	
Fountain height	Flow rate Q	Differential pressure P	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	l/min	[bar]	[l/min]	[bar]
1.00	50	0.04	44	0.13	56	0.17
2.00	70	0.07	67	0.31	79	0.35
3.00	90	0.10	84	0.45	95	0.48
4.00	100	0.12	98	0.58	111	0.64
5.00	120	0.18	110	0.73	126	0.80
6.00	130	0.21	120	0.88	138	0.94
7.00	150	0.27	130	1.03	148	1.10
8.00	170	0.35	138	1.18	166	1.21
Material	Stainless steel 1.4301 (AISI 304)		Stainless steel 1.4301 (AISI 304) + double-coated brass		Stainless steel 1.4301 (AISI 304)	
Item no.	72887		48276 + 72887		45480 + 72887	

TECHNICAL DATA

Product	Multi Directional Drive S 2D/DMX/02	
Dimensions (L × W × H)	[mm]	606 × 541 × 390
Power consumption	[W]	44
Number of DMX channels	[Unit]	8
DMX/RDM connection type	DMX-Box / 01	
Rated voltage	24 V DC	
Power connection type	PowerBox 24 V DC/01	
Rated current	[A]	1.8
Water level min.	[mm]	300
Water level max.	[mm]	390
Delivery swivel range	[°]	90
Swivel range – adjustable	[°]	90
Swivel speed max.	[°/s]	72.00
Nozzle connection	G 1 ½ (internal thread)	
Pressure-side connection	G 2	
Protection class	IP68	
Max. operating pressure	[bar]	1.30
Material	Stainless steel 1.4301 (AISI 304)	
Weight	[kg]	31.00
Item no.	72887	

Multi Directional Drive L 2D

Individually moving fountains with two axes up to 20 m in height



- High variability: Swivel range up to 200° on the x axis and up to 140° on the y axis
- Default setting of 140° on the x and y axes, min. (450 mm) and max. (650 mm) water level
- Convenient storage position: The appliance can disappear completely below the water surface at a water level of 650 mm
- Individually controllable swivel drive with two axes in x and y direction for dynamic effects with different nozzles and fountain heights up to 20 m
- Safety low voltage 24 V
- Suitable for fresh water, pool water and saltwater
- Robust stainless steel design
- Control via DMX/RDM
- Energy-efficient motor, 24 V DC
- Dynamic+**
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.
- > See page 124



Discover impressive video sequences here:



- EFFECT DESIGN

Moving effects
Multi Directional
Drive L 2D
- Fountain height

20 m
- Suitable for

Fresh water,
pool water and
saltwater
- Voltage

24 V DC
- Control system

DMX/RDM
- Plug and Spray

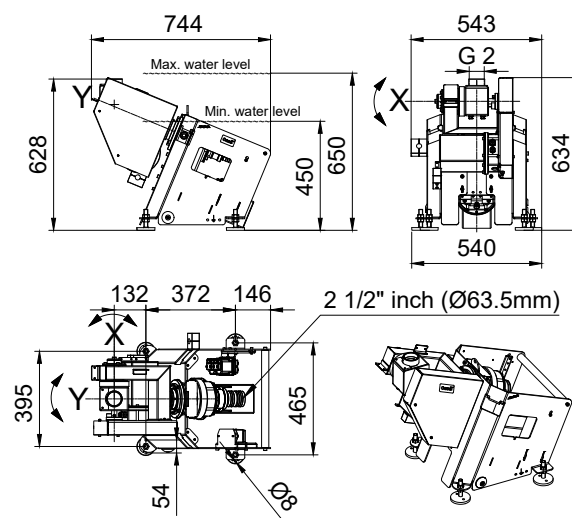
Effect design

ACCESSORIES

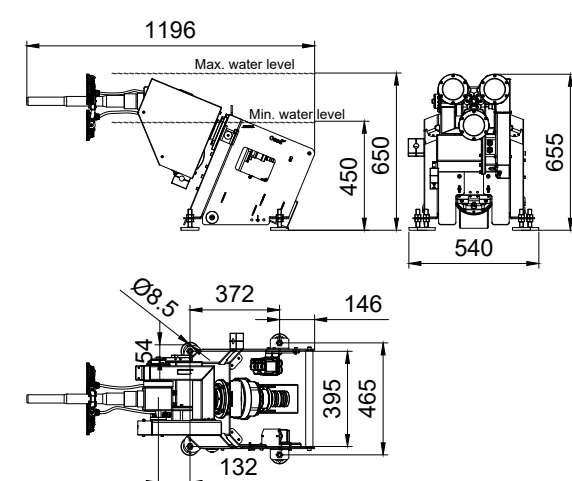
Product		Item no.
Comet Prec 20 - 20 silver	> Page 54	50523
LED Modul MDD L 2D/DMX/02	> Page 260	70977
QuickFix MDD L	> Page 355	70430
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



More about
the product!



Product illustration



System illustration

HYDRAULIC DATA

	Comet Prec 20 - 20 silver		MDD L 2D	Comet Prec 20 - 20 S on MDD L 2D	
Fountain height	NWR	NPR	Differential pressure P	NWR	NPR
[m]	[l/min]	[bar]	[bar]	[l/min]	[bar]
1.00	90	0.12	0.02	90	0.14
1.50	102	0.17	0.05	102	0.22
2.00	117	0.22	0.08	117	0.30
4.00	170	0.46	0.12	170	0.58
6.00	227	0.69	0.15	227	0.84
8.00	263	0.92	0.18	263	1.10
10.00	295	1.16	0.20	295	1.36
12.00	323	1.40	0.23	323	1.63
16.00	385	1.90	0.30	385	2.20
20.00	441	2.40	0.40	441	2.80
Material	Stainless steel 1.4571/1.4301 (AISI 316Ti/304)		Stainless steel 1.4571 (AISI 316Ti)	Stainless steel 1.4571/1.4301 (AISI 316Ti/304)	
Item no.	50523		34318	50523 + 34318	

TECHNICAL DATA

Product	Multi Directional Drive L 2D/DMX/02	
Dimensions (L × W × H)	[mm]	744 × 543 × 630
Power consumption	[W]	53
Number of DMX channels	[Unit]	8
DMX/RDM connection type		DMX-Box / 01
Rated voltage		24 V DC
Power connection type		PowerBox 24 V DC/01
Rated current	[A]	2.2
Water level min.	[mm]	450
Water level max.	[mm]	650
Water level storage position	[mm]	650
Delivery swivel range	[°]	140/140
Swivel range – adjustable	[°]	200/140
Swivel speed max.	[°/s]	72.00
Nozzle connection		G 2 (internal thread)
Pressure-side connection		G 2 ½
Protection class		IP68
Max. operating pressure	[bar]	3.50
Material		Stainless steel 1.4571 (AISI 316Ti)
Weight	[kg]	62.80
Item no.		34318

Multi Directional Drive XL 2D

Exceptionally dynamic water effects with two axes up to 30 m in height



Individually controllable swivel drive with two axes in x and y direction for fountain heights up to 30 m, suitable for Comet Prec 30 - 30

Wide range of motion: Swivel range up to 180° on the x axis and up to 165° on the y axis for a water height of 650 mm

Default setting of 150° on the x and y axes for a water height of 850 mm

Convenient storage position: The drive can be screwed in completely below the water surface at a water height of 850 mm

Dynamic+
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.

> See page 124

Safety low voltage 24 V

Suitable for fresh water, pool water and saltwater

Robust stainless steel design

Control via DMX/RDM

Energy-efficient motor, 24 V DC



Discover impressive video sequences here:





EFFECT DESIGN

Moving effects
Multi Directional Drive XL 2D

Fountain height
30 m

Suitable for
Fresh water,
pool water and
saltwater

Voltage
24 V DC

Control system
DMX/RDM

Plug and Spray

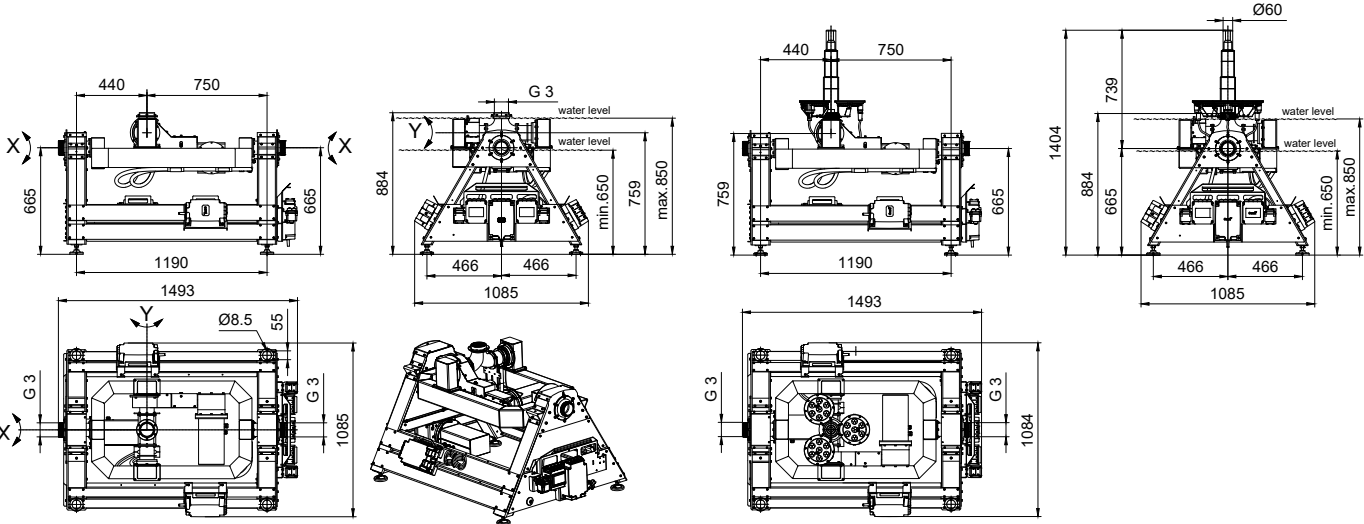
Effect design

ACCESSORIES

Product		Item no.
Comet Prec 30 - 30	> Page 54	45079
LED Modul MDD XL 2D/DMX/02	> Page 262	45077
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



More about
the product!



Product illustration

System illustration

HYDRAULIC DATA

	Comet Prec 30 - 30		MDD XL 2D.	Comet Prec 30 - 30 on MDD XL 2D	
Fountain height	NWR	NPR	Differential pressure P	NWR	NPR
[m]	[l/min]	[bar]	[bar]	[l/min]	[bar]
5.00	456	0.67	0.07	456	0.74
10.00	646	1.31	0.14	646	1.45
15.00	806	1.95	0.18	806	2.13
20.00	922	2.53	0.24	922	2.77
25.00	1045	3.30	0.35	1045	3.65
30.00	1195	4.30	0.40	1195	4.70
Material	Plastic/stainless steel		Stainless steel 1.4571 (AISI 316Ti)	Plastic/stainless steel 1.4571 (AISI 316Ti)	
Item no.	45079		45076	45079 + 45076	

TECHNICAL DATA

Product		Multi Directional Drive XL 2D/DMX/02
Dimensions (L × W × H)	[mm]	1493 × 1085 × 884
Power consumption	W	530
Number of DMX channels	[Unit]	8
DMX/RDM connection type		DMX-Box / 01
Rated voltage		24 V DC
Power cable length	[m]	10.00
Power connection type		PowerBox 24 V DC/01
Rated current	[A]	22
Water level min.	[mm]	650
Water level max.	[mm]	850
Water level storage position	[mm]	850
Delivery swivel range	[°]	Depending on the nozzle used
Swivel range – adjustable	[°]	Depending on the nozzle used
Swivel speed max.	[°/s]	60.00
Nozzle connection		G 3 (internal thread)
Pressure-side connection		2 × G 3 (male thread)
Protection class		IP68
Max. operating pressure	[bar]	5.00
Material		Stainless steel 1.4571 (AISI 316Ti)
Weight	[kg]	212.00
Item no.		45076

Multi Directional Drive L 3D

Never-before-seen highly dynamic water effects on three axes



- ⊕ Suitable for fresh water, pool water and saltwater
- ⊕ Convenient storage position: The drive can be screwed in completely below the water surface at a water height of 850 mm
- ⊕ Swivel range up to 200° on the x axis and up to 140° on the y axis
- ⊕ Continuous rotation of 360° with up to two revolutions per second on the z axis, positionable in any direction
- ⊕ Energy efficient motor, Multi Directional Drive, 24 V DC
- ⊕ Individual control of each axis allows max. variance, controllable via DMX/RDM
- ⊕ Pure fascination: highly dynamic multidimensional effects on two swivel axes and an endlessly rotating axis



Dynamic+
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.

> See page 124

Discover impressive video sequences here:



- EFFECT DESIGN

Moving effects
Multi Directional Drive L 3D

Fountain height
5 m

Suitable for
Fresh water, pool water and saltwater

Voltage
24 V DC

Control system
DMX/RDM

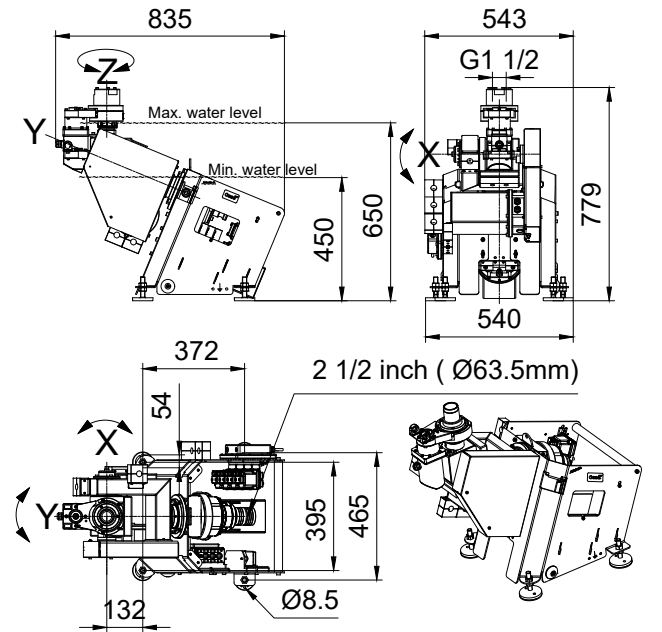
Plug and Spray

ACCESSORIES

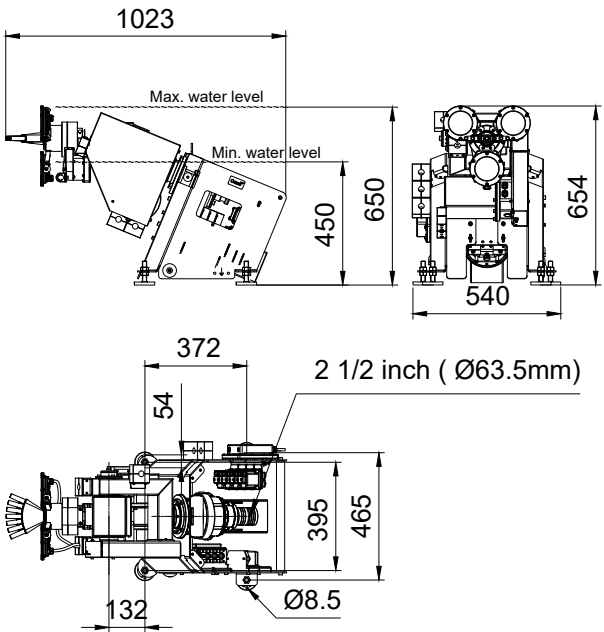
Product		Item no.
Finger nozzle 7 - 15 E	> Page 68	51110
Fan Jet 15 - 8 E	> Page 94	53047
LED Modul MDD L 3D/DMX/02	> Page 260	70975
QuickFix MDD L	> Page 355	70430
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



More about the product!



Product illustration



System illustration

HYDRAULIC DATA

	Finger nozzle 7 - 15 E		Fan Jet 15 - 8 E		MDD L 3D		Finger nozzle 7 - 15 E on MDD L 3D		Fan Jet 15 - 8 E on MDD L 3D	
Fountain height	NWR	NPR	NWR	NPR	Flow rate Q	Differential pressure P	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
1.00	150	0.10	200	0.11	150	0.11	150	0.21	200	0.48
1.50	200	0.21	244	0.17	200	0.16	200	0.37	244	0.72
2.00	250	0.35	282	0.25	250	0.21	250	0.56	282	0.96
4.00	300	0.48	517	0.65	300	0.28	300	0.76	517	1.28
5.00	–	–	750	1.33	400	0.46	–	–	750	2.63
–	–	–	–	–	500	0.61	–	–	–	–
–	–	–	–	–	600	0.92	–	–	–	–
–	–	–	–	–	700	1.17	–	–	–	–
–	–	–	–	–	800	1.42	–	–	–	–
Material	Stainless steel 1.4404 (AISI 316L)		Stainless steel 1.4301 (AISI 304)		Stainless steel 1.4571 (AISI 316Ti)		Stainless steel 1.4571/1.4404 (AISI 316Ti/316L)		Stainless steel 1.4571/1.4301 (AISI 316Ti/304)	
Item no.	51110		53047		34322		51110 + 34322		53047 + 34322	

TECHNICAL DATA

Product	Multi Directional Drive L 3D/DMX/02	
Dimensions (L × W × H)	[mm]	835 × 543 × 766
Power consumption	[W]	79
Number of DMX channels	[Unit]	12
DMX/RDM connection type	DMX-Box / 01	
Rated voltage	24 V DC	
Power connection type	PowerBox 24 V DC/01	
Rated current	[A]	3.3
Water level min.	[mm]	450
Water level max.	[mm]	650
Water level storage position	[mm]	650
Nozzle connection	G 1 ½ (internal thread)	
Pressure-side connection	2 ½ G	
Protection class	IP68	
Max. operating pressure	[bar]	3.50
Material	Stainless steel 1.4571 (AISI 316Ti)	
Weight	[kg]	72.10
Item no.	34322	

Multi Directional Drive XL 3D

Enthusiasm in 3D – also for projections



⊕ Pure fascination: highly dynamic, multi-dimensional effects on two swivel axes and an endlessly rotating axis

⊕ Convenient storage position: The drive can be screwed in completely below the water surface at a water height of 850 mm

⊕ Swivel range up to 200° on the x axis and up to 140° on the y axis

⊕ In conjunction with Fan Jet 30 - 11 E, the Multi Directional Drive XL 3D generates an approx. 31 m² large projection surface for laser and projector shows; also suitable for other nozzles

Dynamic+
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.

> See page 124

⊕ Individual control of each axis allows max. variance, controllable via DMX/RDM

⊕ Energy efficient motor

⊕ Continuous rotation of 360° with two revolutions per second on the z-axis, positionable in any direction



EFFECT DESIGN	
Moving effects	Multi Directional Drive XL 3D
Fountain height	
9 m	
Suitable for	Fresh water, pool water and saltwater
Voltage	
24 V DC	
Control system	DMX/RDM
Plug and Spray	

ACCESSORIES

Product		Item no.
Fan Jet 30 - 11 E	> Page 94	46983
LED Modul MDD XL 3D/DMX/02	> Page 262	48638
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



More about the product!



System illustration

	Fan Jet 30 - 11 E			MDD XL 3D.	Fan Jet 30 - 11 E on MDD XL 3D	
Fountain height	NWR	SPW	NPR	Differential pressure P	NWR	NPR
[m]	[l/min]	[m]	[bar]	[bar]	[l/min]	[bar]
1.00	404	2.40	0.14	0.06	404	0.20
2.00	611	4.00	0.22	0.12	611	0.34
3.00	827	7.80	0.38	0.19	827	0.57
4.00	1015	14.00	0.55	0.30	1015	0.85
5.00	1128	17.00	0.63	0.36	1128	0.99
6.00	1316	19.00	0.85	0.49	1316	1.34
7.00	1457	22.60	1.00	0.59	1457	1.59
8.00	1589	26.00	1.15	0.71	1589	1.86
9.00	1748	27.60	1.35	0.86	1748	2.21
Material	Stainless steel 1.4571 (AISI 316Ti)			Stainless steel 1.4571 (AISI 316Ti)	Stainless steel 1.4571 (AISI 316Ti)	
Item no.	46983			46982	46983 + 46982	

Product	Multi Directional Drive XL 3D/DMX/02	
Dimensions (L × W × H)	[mm]	1493 × 1085 × 884
Power consumption	[W]	600
Number of DMX channels	[Unit]	12
DMX/RDM connection type		DMX-Box / 01
Rated voltage		24 V DC
Power cable length	[m]	10.00
Power connection type		PowerBox 24 V DC/01
Rated current	[A]	25
Water level min.	[mm]	650
Water level max.	[mm]	850
Water level storage position	[mm]	850
Delivery swivel range	[°]	Depending on the nozzle used
Swivel range – adjustable	[°]	Depending on the nozzle used
Swivel speed max.	[°/s]	60.00
Rotational speed max.	[°/s]	360.00
Nozzle connection		G 3 (internal thread)
Pressure-side connection		2 × G 3 (male thread)
Protection class		IP68
Max. operating pressure	[bar]	4.00
Material		Stainless steel 1.4571 (AISI 316Ti)
Weight	[kg]	250.00
Item no.		46982

VarioSwitch

Dynamic fountains at switching speed



VarioSwitch
010a/24 V/01
57472



VarioSwitch
015a/24 V/01
57435



EFFECT DESIGN

Moving effects 

Fountain height
5.5 m

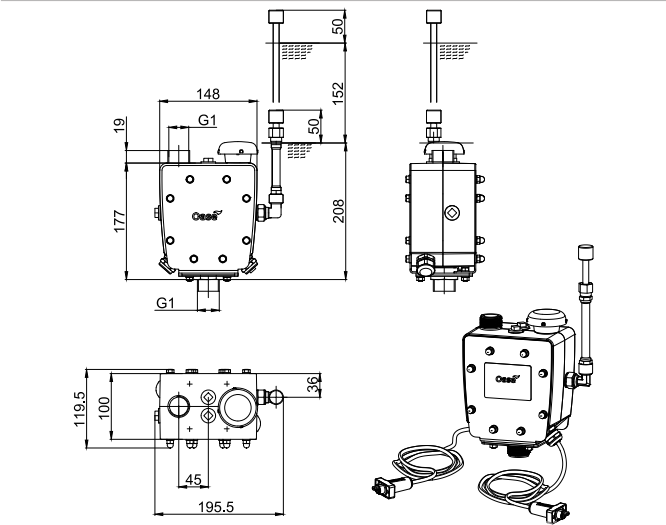
Suitable for
Fresh water 

Voltage
24 V DC

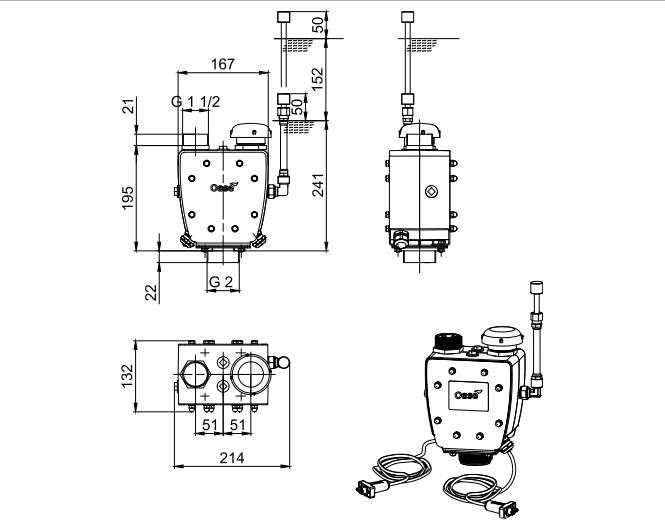
Plug and Spray

ACCESSORIES

Product		Item no.
Comet 10 - 12 T	> Page 52	50968
Comet 10 - 14 T	> Page 52	50969
Comet 15 - 17 T	> Page 52	50970
Comet 10 - 12 silver	> Page 50	45454
Comet 10 - 14 silver	> Page 50	50723
Comet 15 - 17 silver	> Page 50	50724
Schaumsprudler 35 - 10 E	> Page 70	50984
Schaumsprudler 55 - 15 E	> Page 70	50987
Underwater switch 24 V DC Compact/DMX/02	> Page 304	84956
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



VarioSwitch 010a/24 V



VarioSwitch 015a/24 V

HYDRAULIC DATA

Fountain height	VarioSwitch 010a/24 V/01						VarioSwitch 015a/24 V/01			
	Comet 10 - 12 T		Comet 10 - 14 T		Schaumsprudler 35 - 10 E		Comet 15 - 17 T		Schaumsprudler 55 - 15 E	
	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR
[m]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]
0.50	0.21	27	0.25	31	0.42	38	0.16	100	0.50	158
1.00	0.35	37	0.46	40	0.72	49	0.22	123	0.92	209
1.50	0.60	46	0.66	48	0.98	57	0.32	137	1.42	255
2.00	0.72	50	0.86	55	1.22	63	0.42	154	1.92	291
2.50	0.86	55	1.06	61	1.52	70	0.52	168	2.48	322
3.00	1.02	60	1.32	67	1.80	76	0.62	181	2.80	343
3.50	1.22	65	1.55	73	2.10	81	0.72	192	–	–
4.00	1.38	70	1.82	79	–	–	0.82	202	–	–
4.50	1.64	75	1.96	82	–	–	0.92	214	–	–
5.00	1.82	80	2.18	87	–	–	1.02	218	–	–
5.50	2.10	85	3.00	96	–	–	1.12	230	–	–

TECHNICAL DATA

			
Product		VarioSwitch 010a/24 V/01	VarioSwitch 015a/24 V/01
Dimensions (L × W × H)	[mm]	150 × 120 × 210	170 × 130 × 240
Rated voltage		24 V DC	24 V DC
Rated current	[A]	0.33	0.33
Power cable length	[m]	2.00	2.00
Power connection type		24 V DC plug	24 V DC plug
Power consumption	[W]	8	8
Flow rate – Q min.	[l/min]	35	85
Flow rate – Q max.	[l/min]	95	325
Min. operating pressure	[bar]	0.10	0.20
Max. operating pressure	[bar]	3.40	3.00
Max. particle size	[mm]	2.00	2.00
Pressure-side connection	[mm]	1.25	2.50
Pressure-side connection		G 1	G 2
Protection class		IP58	IP58
Material		Plastic/stainless steel	Plastic/stainless steel
Weight	[kg]	3.34	4.36
Item no.		57472	57435

VarioDrop

As if floating in space: Droplets with exceptional effect

- +

Perfectly matched combination of 24 V solenoid valve (12 V on request) with water supply line and Comet fountain attachment
- +

Exceptional water effect: Droplets appear to float in the air
- +

For fascinating lighting scenarios with bracket for ProfiLux LED S spotlights
> See page 216
- +

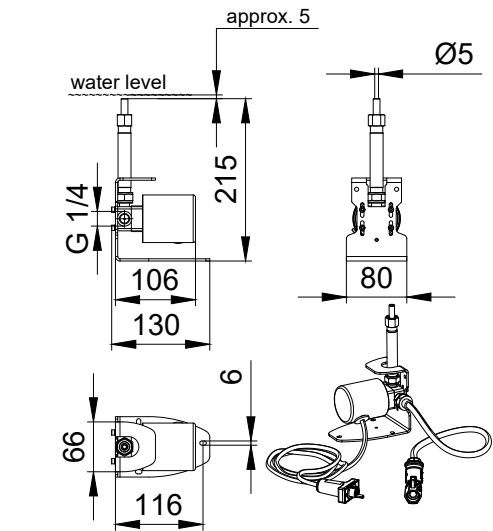
Fully submerged technology enhances visual weightlessness
- +

Highly secure, patented ProNect connection of the underwater switch
- +

Best performance, as a sludge trap prevents contamination of the nozzle

ACCESSORIES

Product		Item no.
Underwater switch 24 V DC Compact/DMX/02	> Page 304	84956
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box/01	> Page 319	57646
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



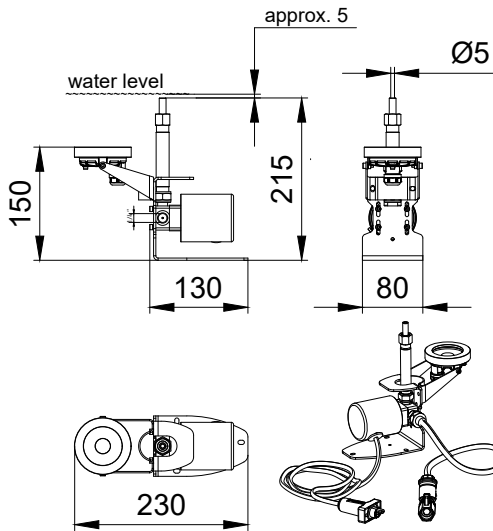
Product illustration



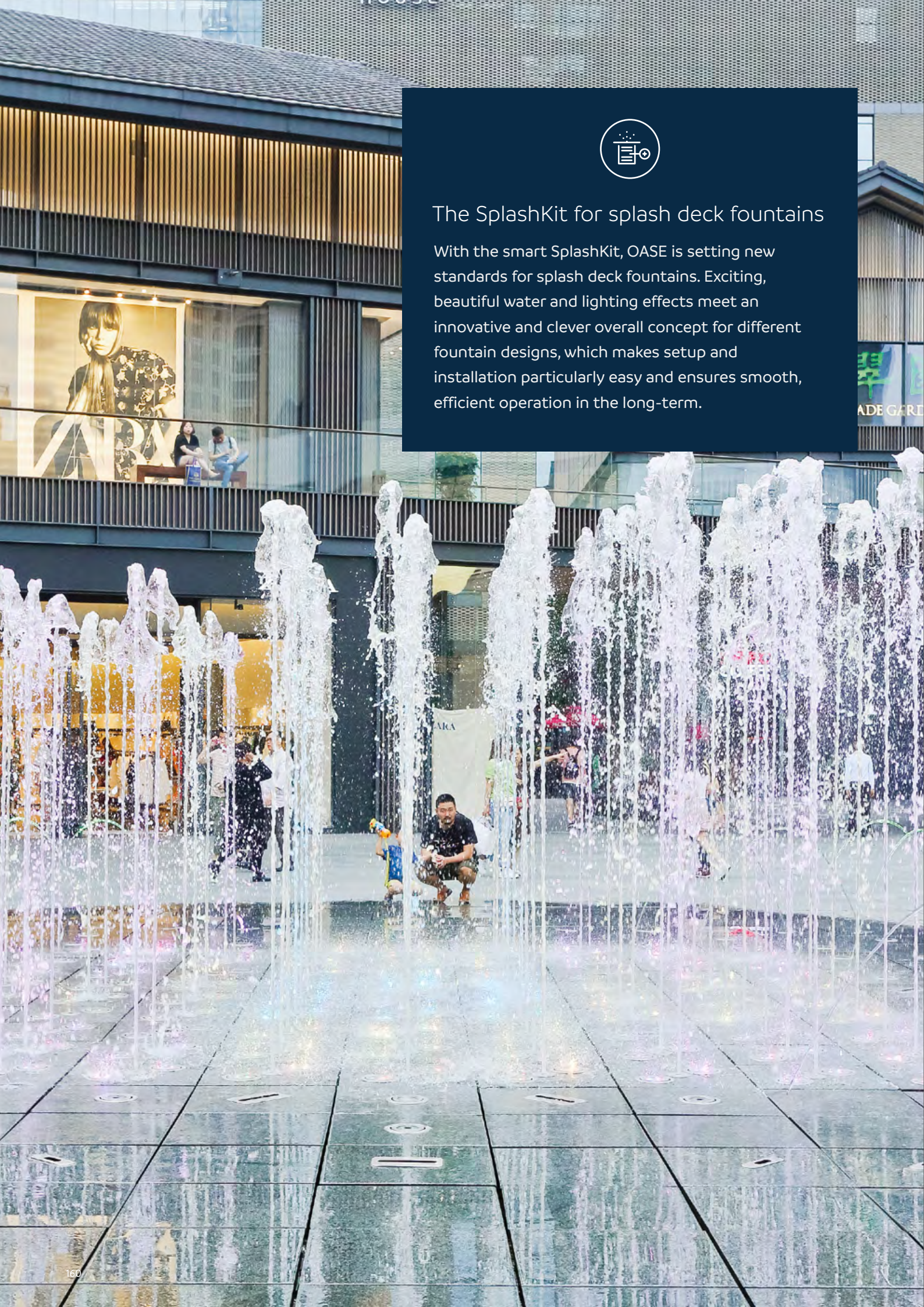
EFFECT DESIGN
Moving effects VarioDrop
Fountain height 0.9 m
Suitable for Fresh water, pool water and saltwater
Voltage 24 V DC
Plug and Spray

TECHNICAL DATA

Product	VarioDrop/01
Dimensions (L × W × H)	[mm] 215 × 70 × 125
Power consumption	[W] 5
Rated voltage	24 V/DC
Power connection type	24 V DC plug
Power cable length	[m] 4.00
Water level min.	[mm] 200
Water level max.	[mm] 215
Length of the water supply pipe	[m] 1
Pressure line connection (on ball valve)	G ½ (internal thread)
Protection class	IP68
Volume flow	[l/min] 8.0
Max. operating pressure	[bar] 3.50
Max. Fountain height	[m] 0.90
Material	Stainless steel 1.4301 (AISI 304)/plastic
Weight	[kg] 3.00
Item no.	92485



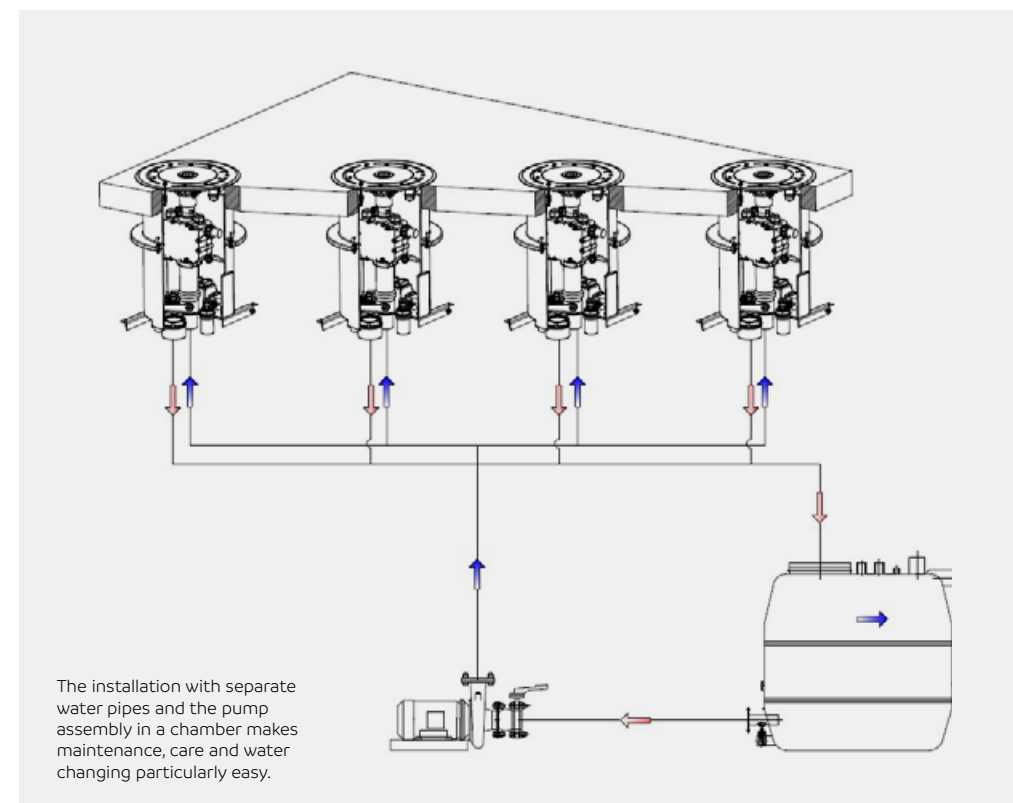
Product illustration with spotlight



The SplashKit for splash deck fountains

With the smart SplashKit, OASE is setting new standards for splash deck fountains. Exciting, beautiful water and lighting effects meet an innovative and clever overall concept for different fountain designs, which makes setup and installation particularly easy and ensures smooth, efficient operation in the long-term.

An overview of the OASE SplashKit system



- + Outstanding, precise and dynamic fountain and light effects
- + Intelligent design and safe tools for easy handling
- + Smart details and fast installation for up to 15% cost savings
- + Long-term usage perspectives with reprogrammable shows
- + Smart technology for digital and global control



More about the product!

Two installation methods with individual options

The OASE SplashKit is perfectly suited to your needs. According to your design needs and constructional or technical requirements, you have the option of choosing between the embedded or suspended installation.

INSTALLATION METHODS



Embedded SplashKit

For fixed and permanent installation with an installation container

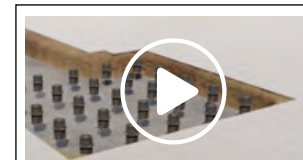
> Page 162



Suspended SplashKit

For installation in a water basin

> Page 164



See our installation video of the SplashKit:

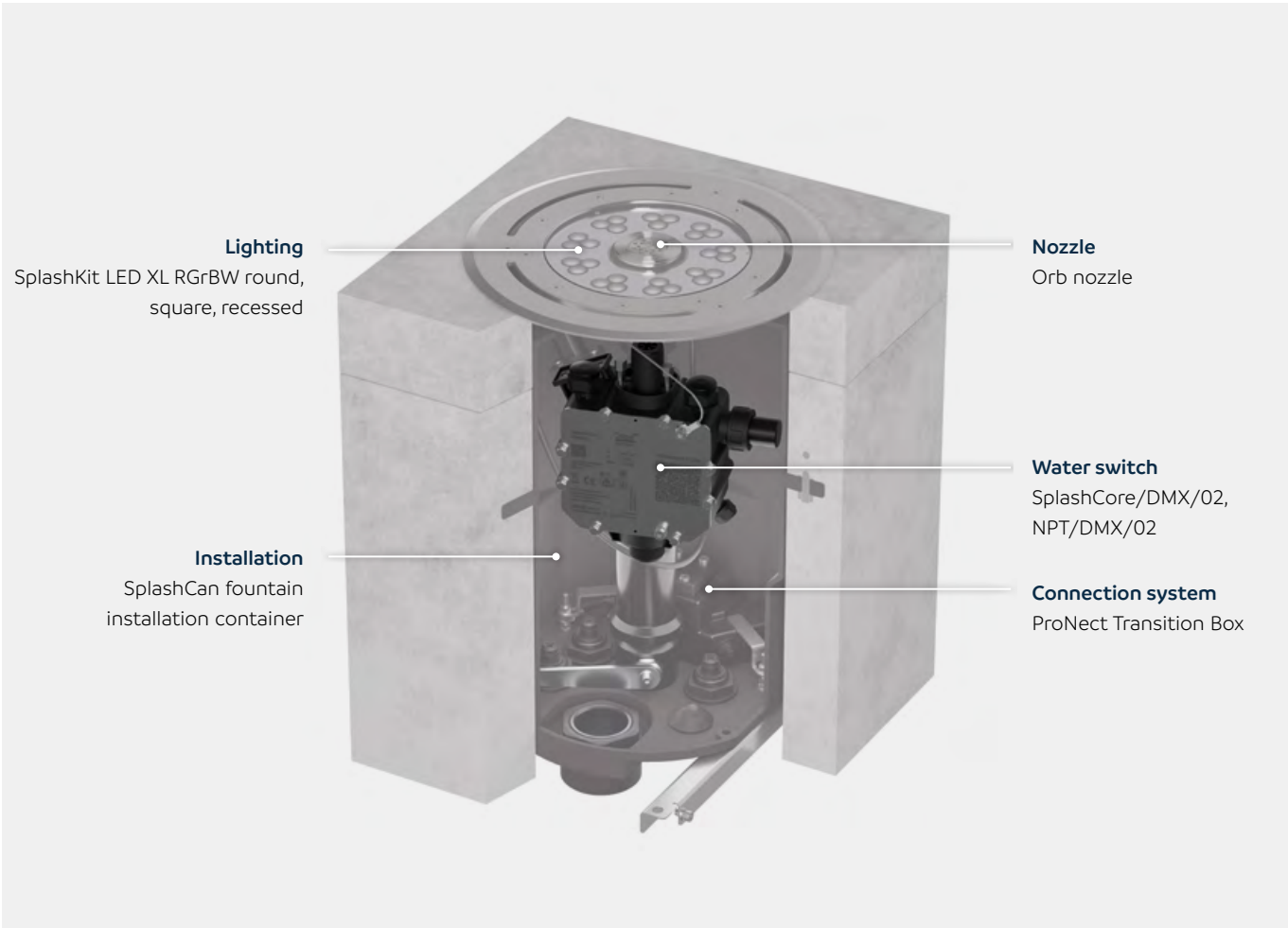


Find out in our step-by-step installation video how the embedded SplashKit is installed and connected.

The video is also helpful for the suspended installation variant, because the connection of the ProNect Transition Box and the effect unit are almost identical.

Embedded SplashKit

For fixed and permanent installation with an installation container



The embedded installation variation is designed for the long-term use and permanent installation of a splash deck fountain, for example in a marketplace. In this case, the SplashKit is installed permanently – usually buried or encased in concrete, with the SplashCan installation container ensuring the secure protection of the effect unit.

This robust and fixed installation allows you to continue to use the space or surroundings flexibly – even events with many people can be carried out without any problems. The installation with separate water pipes makes maintenance, care and water changing extremely easy.

You can also be flexible in your choice of lighting – due to the strength of the surface, you can choose from three different types of spotlights.

Assemble your SplashKit in just six steps

FIRST STEP

						
The fountain nozzles	Orb Nozzle	Orb Nozzle Stainless Steel – Cluster	Orb Nozzle Stainless Steel – Calyx	Orb Nozzle Stainless Steel – Comet 10	Orb Nozzle Stainless Steel – Comet 12	Orb Nozzle Stainless Steel – Vulcan
Item no.	77879	75187	75188	75184	75186	75189
	> Page 90					

SECOND STEP

			
The lighting	SplashKit LED XL RGrBW round/DMX/02	SplashKit LED XL RGrBW square/DMX/02	SplashKit LED XL RGrBW recessed/DMX/02
Item no.	77883	84839	84882
	> Page 248		

THIRD STEP

		
The water switch	SplashCore/DMX/02	SplashCore NPT/DMX/02
Item no.	77878	84837
	> Page 166	

FOURTH STEP

	
The connection system	ProNect Transition Box
Item no.	77880
	> Page 315

FIFTH STEP

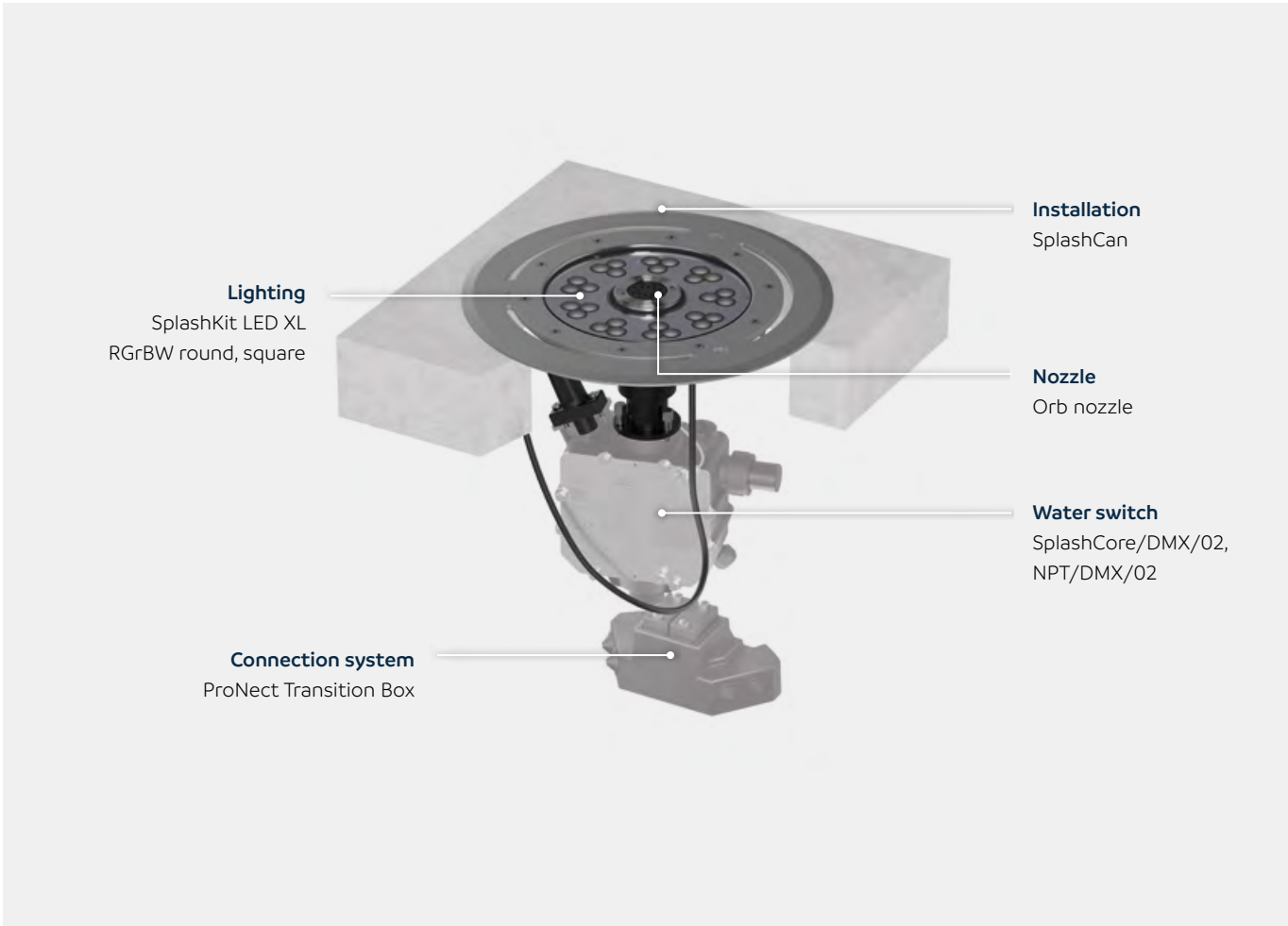
		
The installation equipment	SplashCan	SplashCan NPT
Item no.	77881	84883
	> Page 358	

SIXTH STEP

					
The accessories	DMX bridge	SplashKit multitool	SplashKit Cover square	SplashKit Cover round	SplashKit Cover recessed
Item no.	77882	85579	85655	85654	85948
	> Page 318		> Page 359		

Suspended SplashKit

For installation in a water basin



The installation of a container is not required for the suspended version. This type of installation is used when structural regulations require the installation of a water basin, in the cover of which the effect units are suspended without a container using a clamping ring for a tapping drill hole (11 inches). The suspended version of the SplashKit is also ideal for the modernisation of an existing fountain system into a splash deck fountain. While each water supply runs separately, the water is discharged directly into the water basin.

Flexibility is important because, in addition to the SplashKit installation, JumpingJets can be integrated into the overall design – an ideal arrangement for show installations.

Assemble your SplashKit in just six steps

FIRST STEP

						
The fountain nozzles	Orb Nozzle	Orb Nozzle Stainless Steel – Cluster	Orb Nozzle Stainless Steel – Calyx	Orb Nozzle Stainless Steel – Comet 10	Orb Nozzle Stainless Steel – Comet 12	Orb Nozzle Stainless Steel – Vulcan
Item no.	77879	75187	75188	75184	75186	75189
	> Page 90					

SECOND STEP

		
The lighting	SplashKit LED XL RGrBW round/DMX/02	SplashKit LED XL RGrBW square/DMX/02
Item no.	77883	84839
	> Page 248	

THIRD STEP

		
The water switch	SplashCore/DMX/02	SplashCore NPT/DMX/02
Item no.	77878	84837
	> Page 166	

FOURTH STEP

					
The connection system	ProNect Transition Box	DMX-Box / 01	DMX connection cable	24 V box	Power connection cable
Item no.	77880				
	> Page 315	> Page 319	> Page 318	> Page 313	> Page 312

FIFTH STEP

		i System can be used without clamping ring using the ProfiPlane LED XL RGB Spot/DMX/02, see page 246 (installation via three blind holes in the substrate)
The installation equipment	SplashClamp	
Item no.	84840	
	> Page 359	

SIXTH STEP

				
The accessories	SplashKit multitool*	SplashKit Cover square	SplashKit Cover round	DMX bridge
Item no.	85579	85655	85654	77882
		> Page 248		> Page 318

* Also a component of and included in the scope of delivery of the Orb Nozzle (77879)

SplashCore

Vibrant fountains thanks to rapid switching speed



-
- + Simple plugin installation with
OASE ProNect system
- + Individually programmable water
choreographies via DMX
- + Pinpoint accurate choreogra-
phies with switching speeds
of up to ten times per second
- + Error analysis and status
information for all important
operating parameters via RDM
- SplashKit
Component**
- > See page 161
- + Connection option for LED
spotlights through integrated
LED driver
- + ULcertified
- + Compact and robust design
- + Direct connection of the Orb Nozzle
in the SplashKit system
- + Pre-filter grille for separating the
coarse dirt in the water inlet is
included in the scope of delivery

ACCESSORIES

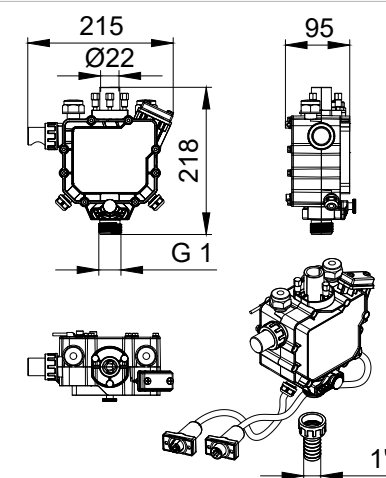
Product		Item no.
Orb Nozzle	> <i>Page 90</i>	77879
SplashKit LED XL RGrBW round/DMX/02	> <i>Page 248</i>	77883
SplashKit LED XL RGrBW square/DMX/02	> <i>Page 248</i>	84839
SplashKit LED XL RGrBW recessed/DMX/02	> <i>Page 248</i>	84882
ProNect Transition Box	> <i>Page 315</i>	77880
SplashCan	> <i>Page 358</i>	77881
SplashCan NPT	> <i>Page 358</i>	84883
SplashClamp	> <i>Page 359</i>	84840
PowerBox 24 V DC/01	> <i>Page 313</i>	50493
DMX-Box / 01	> <i>Page 319</i>	57646



The practical pre-filter grille protects the water inlet from dirt

- A vertical list of technical specifications for the fountain. The items are: 'EFFECT DESIGN' with a blue flame icon; 'Moving effects' with 'SplashCore' below it; 'Fountain height' with '5 m' below it; 'Suitable for' with 'Fresh water and pool water' below it and a blue water drop icon to the right; 'Voltage' with '24 V DC' below it; 'Control system' with 'DMX/RDM' below it; and 'Plug and Spray'.

Effect design



SplashCore/DMX/02
SplashCore NPT/DMX/02

HYDRAULIC DATA

SplashCore /DMX/02		SplashCore NPT /DMX/02	
Flow rate Q	Differential pressure P	Flow rate Q	Differential pressure P
[l/min]	[bar]	[gal/min]	[bar]
20	0.12	5.3	0.12
30	0.29	7.9	0.29
40	0.53	10.6	0.53
50	0.83	13.2	0.83
60	1.15	15.9	1.15
70	1.53	18.5	1.53
80	1.95	21.1	1.95
77878		84837	

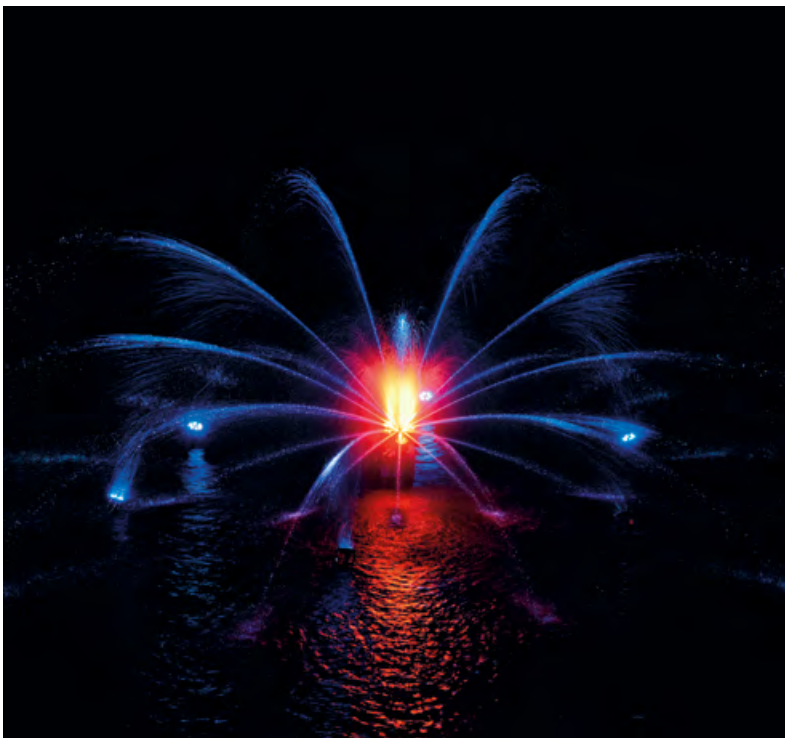
TECHNICAL DATA

Product		SplashCore/DMX/02		SplashCore NPT/DMX/02
US certificates		–		MET (C/US)
Dimensions (L × W × H)	[mm]	218 × 92 × 214	[inch]	8.6 × 3.6 × 8.4
Rated voltage		24 V DC		24 V DC
Power cable length	[m]	1.20	[inch]	78.7
Power connection type		24 V DC plug		24 V DC plug
DMX/RDM connection	[m]	1.20	[inch]	78.7
DMX-RDM connection type		DMX plug		DMX plug
Power consumption	[W]	4.2	[W]	4.2
Flow rate – Q min.	[l/min]	20	[gal/min]	5.3
Flow rate – Q max.	[l/min]	80	[gal/min]	21.1
Min. operating pressure	[bar]	0.10		0.10
Max. operating pressure	[bar]	2.50		2.50
Max. particle size	[mm]	2		2
Pressure-side connection		G 1		G 1 NPT
Nozzle connection		Suitable for Orb Nozzle		Suitable for Orb Nozzle
Connection LED		Hybrid socket		Hybrid socket
Max. LED power consumption		75	[W]	75
Protection class		IP67		IP67
Dia. of pre-filter sieve (optional)	[mm]	0.08	[inch]	0.08
Material		Plastic/stainless steel 1.4301 (AISI 304)		Plastic/stainless steel 1.4301 (AISI 304)
Weight	[kg]	3.30	[lb]	5.10
Item no.		77878		84837



**More about
the product!**

Custom creations



Our most exciting effect?
The one that does not exist yet.

With our wide repertoire of nozzles, LED spotlights, fire and fog effects, we are able to create outstanding, individual show fountains. But what if our definition of “individual” is not individual enough for you – and you want something that's completely unique? Or maybe you have a specific idea or vision for an effect? If so, you should definitely talk to us.

Our team of engineers is passionate about solving every new challenge. Using their technical knowledge and limitless creativity, they will continue to explore the diverse possibilities of design with water, fire and light for you.



Get in touch.

Hydropower can be pretty smart.



The heart of any water system, nothing would run without them: the OASE pumps. They supply the required water volume at the necessary pressure with total precision at all times – whether in the form of DMX/RDM-controlled pumps for dynamic water patterns with impressive delivery heads, or classic, multi-stage submersible pumps for supplying individual fountains or fountain groups.

OASE products always feature high-quality materials for a long service life, low noise emissions and efficient power consumption.

Water movement

CONTROLLABLE PUMPS

			
Varionaut 90 24 V	Varionaut 150 24 V	Varionaut 240 24 V	Varionaut 150 230 V
> Page 178	> Page 180	> Page 182	> Page 184
			
Varionaut 270 230 V	Varionaut 400 230 V		
> Page 186	> Page 188		

STANDARD PUMPS

			
Submersible pumps SPA	Block-type centrifugal pumps BT	Universal pumps USP	Aquarius Universal Premium 5000-12000
> Page 192	> Page 194	> Page 196	> Page 198

FLOATING UNITS

	
PondJet/ PondJet Eco	Floating units
> Page 204	> Page 206

MORE INFORMATION

Overview of water movement	> Page 173
Guide to controllable pumps	> Page 176
Overview of pump characteristics	> Page 200



OVERVIEW OF WATER MOVEMENT

Product	Suitable for			Voltage	Frequency	Control system	Plug and Spray	Page
	Fresh water	Pool water	Salt-water					
 Controllable pumps								
Varionaut 90 24 V				24 V DC		DMX/RDM	•	178
Varionaut 150 24 V**				24 V DC		DMX/RDM	•	180
Varionaut 240 24 V				24 V DC		DMX/RDM	•	182
Varionaut 150 230 V**				220–240 V	50 Hz/60 Hz	DMX/RDM	•	184
Varionaut 270 230 V				220–240 V	50 Hz/60 Hz	DMX/RDM	•	186
Varionaut 400 230 V				220–240 V	50 Hz/60 Hz	DMX/RDM	•	188
Standard pumps								
Submersible pumps – SPA				400 V	50 Hz			192
Block-type centrifugal pumps – BT				400 V	50 Hz			194
Universal pumps – USP				220–240 V/400 V	50 Hz			196
Aquarius Universal Premium 5000–12000				220–240 V	50 Hz			198
Floating units								
PondJet/PondJet Eco				220–240 V/110–120 V	50 Hz/60 Hz			204
Floating units MIDI II/MAXI II				220–240 V/400 V	50 Hz			206

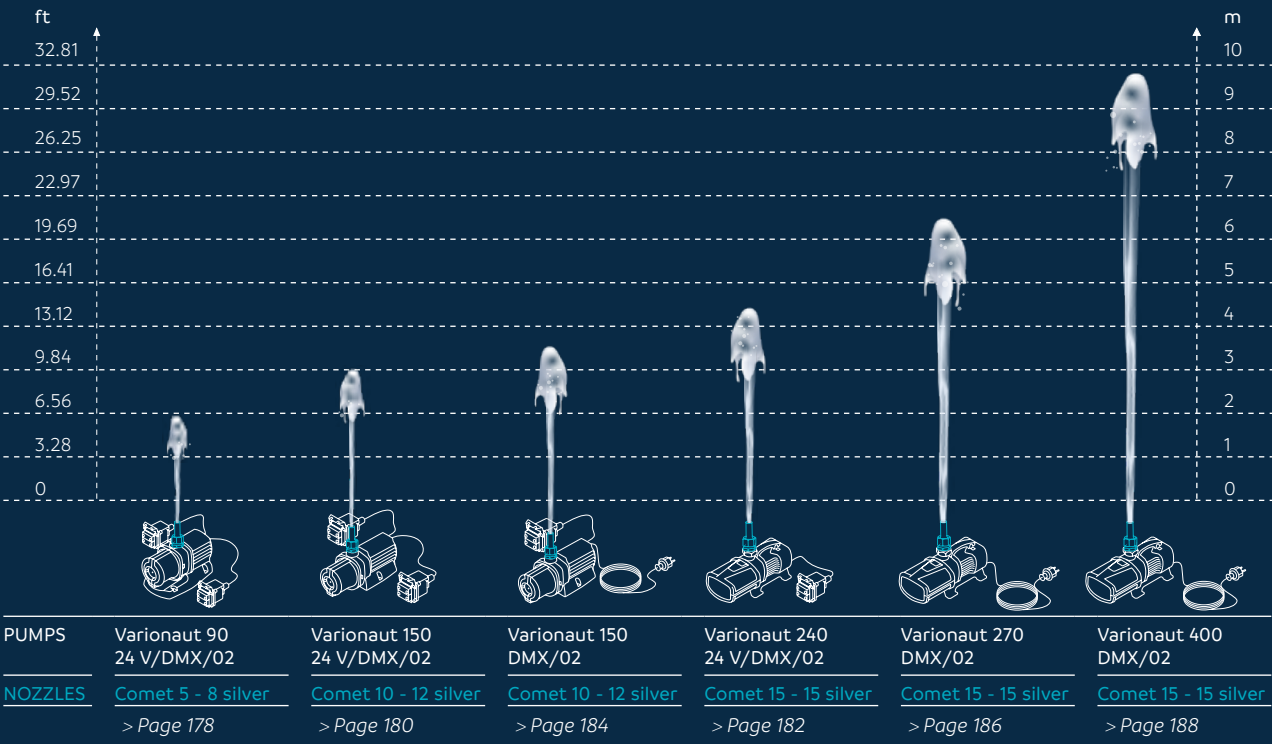
* Pool water and saltwater product version on request.
** An OASE WECS® is required for operation (not included).

Controllable pumps

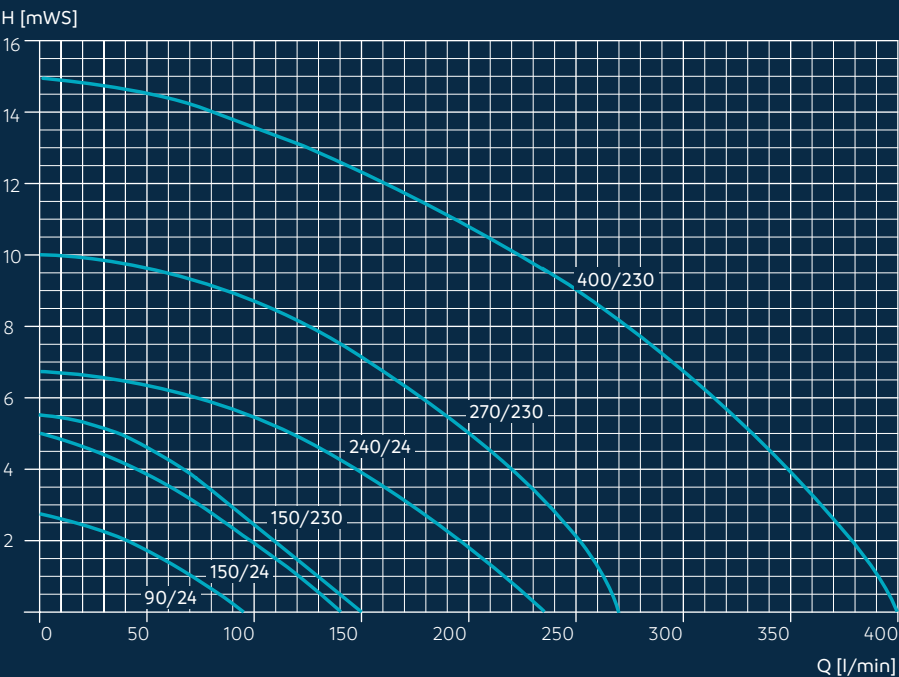


Varionaut – the first intelligent pump on the market

The patented, digitally controlled Varionaut pumps produce fountains of varying heights at very high speed. The unit's special feature lies in the individual activation of each single pump within a fountain system. This enables planners and architects to create a variety of new, uniquely dynamic water patterns.



Comet nozzles > See page 50

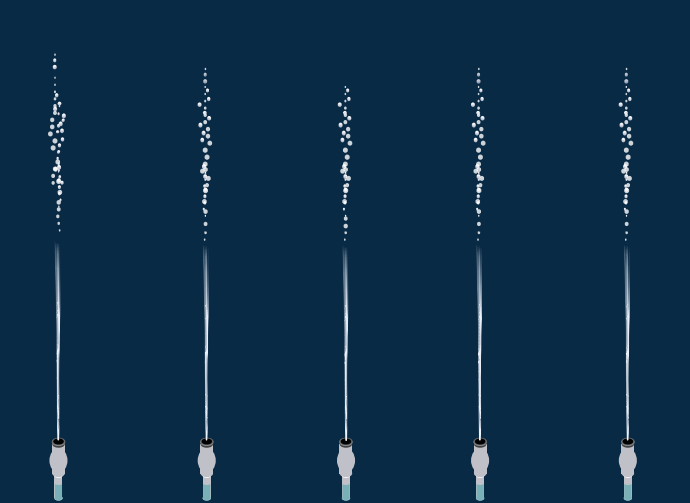


INDIVIDUAL AND ENERGY-EFFICIENT DMX CONTROL

The intelligent pumps achieve and maintain precise fountain heights with the corresponding DMX signal. They only consume as much power as is required for the respective fountain height.

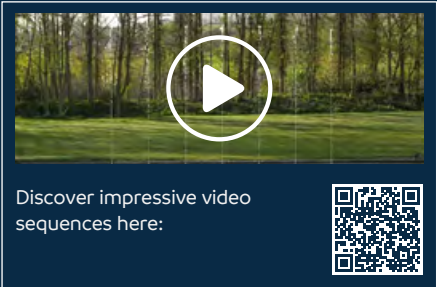
Fascinating effect possibilities

Highly dynamic and precise: This combination of Varionaut pump and fountain nozzle makes it possible to create completely unique water patterns. The pinpoint-accurate and precise effects are created by individually controlling each single pump using a standard DMX controller or an OASE WECS® controller.



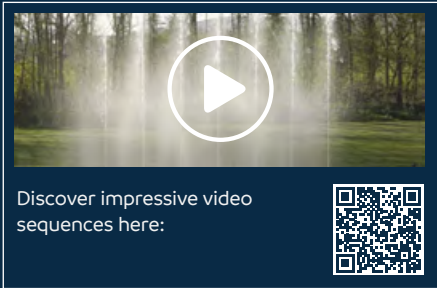
POP-JET EFFECT

This extraordinary effect occurs when the DMX value for the speed of the pump is suddenly reduced and the water droplets appear to float in the air.



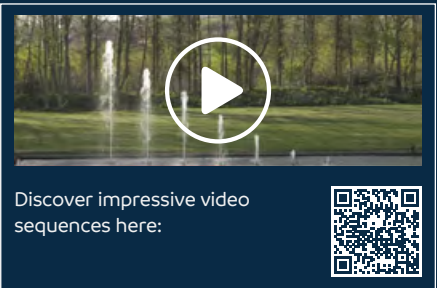
SPLASH EFFECT

Precise control of the pump plays a decisive role in the development of this effect. If the DMX value for the speed of the pump is suddenly reduced, the fountain initially collapses. The perfect moment for the fascinating splash effect is exactly when the pump begins pumping water up again.



WAVE EFFECT

This wave effect results from the perfect interaction of multiple pumps, which are controlled at the same time. The precisely adjustable pump capacities enable perfectly designed waves that appear to move.



Varionaut 90 24 V

Highly dynamic and precise – 24 V DC pump for precise fountain heights



+ Individually adjustable 24 V pump, which generates water patterns with precisely repeatable fountain heights of up to approx. 2 m in height – in just 0.6 seconds

+ Suitable for indoor and outdoor as well as wet and dry installation

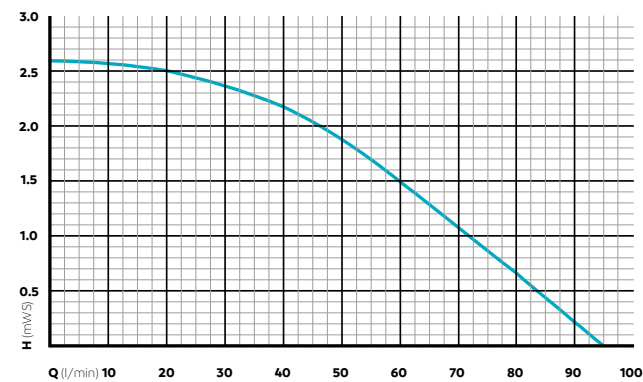
+ Two DMX/RDM connectors for connection or loop-through options for additional pumps or spotlights, for example

+ Safe 24 V operation for installation directly in the pool

+ Frost-protected up to -20°C

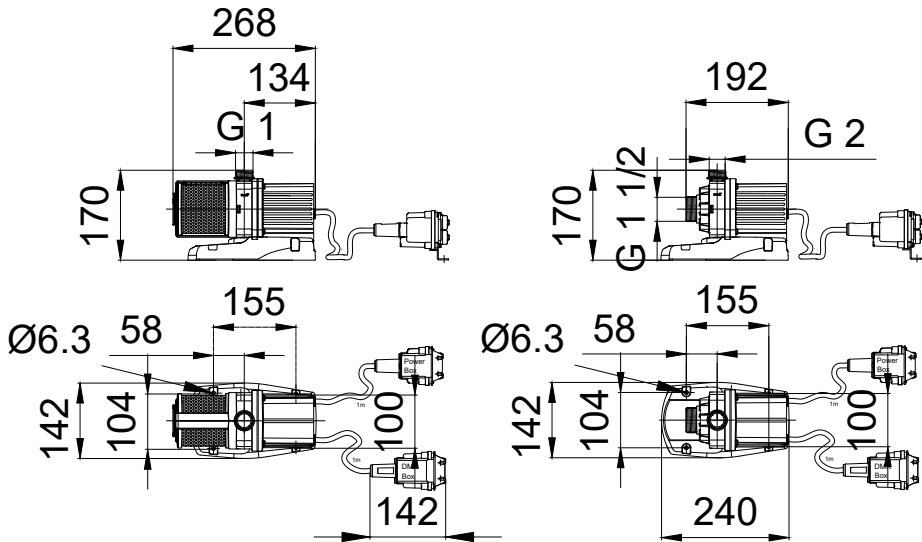
+ Easy connection via OASE ProNect connector with IP68 degree of protection

PUMP PERFORMANCE CURVE



ACCESSORIES

Product		Item no.
Comet 5 - 8 silver	> Page 50	50762
Comet 5 - 8 T	> Page 52	50964
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



TECHNICAL DATA

Product	Varionaut 90 24 V/DMX/02
US certificates	MET (C/US)
Motor type/electronics	24 V DC EC motor, DMX-controlled (DMX/RDM-capable)
H max.	[m] 2.6
Q max.	[l/min] 95
Q min. (offset mode – DMX 0)	[l/min] 26
Q max.	[l/h] 5700
Max. active power consumption	[W] 60
Max. apparent power consumption	[VA] 75
Power consumption at max. fountain height	[W] 60
Power consumption at min. fountain height	[W] 5
Rated current	[A] 3
Inrush current (0.01 s)	[A] 82
Rated voltage	24 V DC
Dynamic behaviour, speed*	[s] 0.6
Ramp-up time after applying the mains voltage	[s] < 3.0
Switching frequency/rest time	1 × per minute/10 sec
Environmental conditions: Use underwater	Water temperature: min. 4°C to max 35°C
Environmental conditions: Dry use	Max. 30°C with natural convection, max. 40°C with forced cooling, no direct sunlight allowed
Protection class	IP68
Protection class (EN 61140)	III
Installation position	Horizontal
Minimum distance from adjacent equipment	[mm] 100
Assembly (on-site)	4 screws, max. M 6
Max. immersion depth	[m] 4.00
Suction-side connection	G1½ thread (male thread)
Pressure-side connection	G1 thread (male thread)
Filter housing	Plastic/stainless steel 1.4301 (AISI 304)
DMX input	1 m bus cable with DMX connection box
Input line	1 m 24 V power cable with connection box
Number of DMX channels	2 channels (control channel, speed channel)
Dimensions incl. filter (L × W × H)	[mm] 268 × 142 × 170
Material	Plastic/stainless steel
Weight	[kg] 3.70
Item no.	50136

* Time to reach full fountain height: of 0 to 100% – with Comet 5 - 8

WATER MOVEMENT

Controllable pumps
Varionaut 90 24 V

Suitable for
Fresh water and pool water

Voltage
24 V DC

Control system
DMX/RDM

Plug and Spray

Varionaut 150 24 V

24 V DC pump for installation directly in the pool

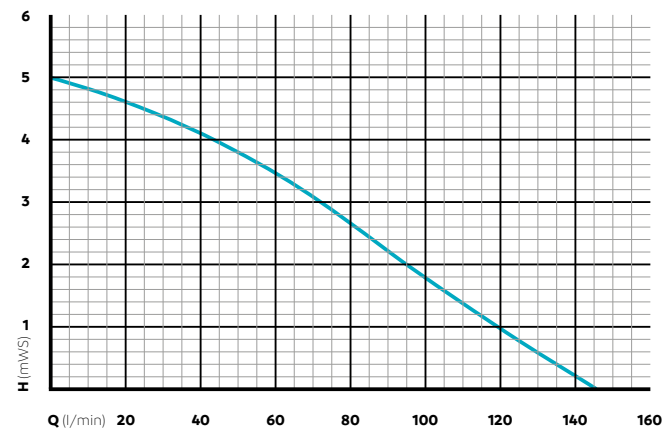


- Individually adjustable 24 V pump – controllable via DMX/RDM
- Creates water features with precisely repeatable fountain heights of up to 3.1 m using a suitable Comet fountain nozzle – in just one second.
- 24 V operation allows installation directly in the pool
- Suitable for indoor and outdoor as well as wet installation



- Frost-protected up to -20°C
- Safe and easy installation thanks to the patented waterproof ProNect connector with protection class IP68 – no need for complex manual wiring
- Two DMX/RDM connections, making it easy to connect other components, such as spotlights

PUMP PERFORMANCE CURVE



ACCESSORIES

Product		Item no.
Comet 10 - 12 silver	> Page 50	45454
Comet 10 - 12 T	> Page 52	50968
Reducing sleeve 15 × 10	> Page 367	51032
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750

TECHNICAL DATA

Product	Varionaut 150 24 V/DMX/02	
US certificates	–	MET (US)
Motor type/electronics	24 V DC EC motor, DMX-controlled (DMX/RDM-capable)	24 V DC EC motor, DMX-controlled (DMX/RDM-capable)
H max.	[m] 5.00	[ft] 16.4
Q max.	[l/min] 145	[gph] 2300
Q min. (offset mode – DMX 0)	[l/min] 22	[gph] 350
Q max.	[l/h] 8700	[gpm] 38
Max. active power consumption	[W] 120	[W] 120
Max. apparent power consumption	[VA] 120	[VA] 120
Power consumption at max. fountain height	[W] 120	[W] 120
Power consumption at min. fountain height	[W] 5	[W] 5
Rated current	[A] 5	[A] 5
Inrush current (0.01 s)	[A] 88	[A] 88
Rated voltage	24 V DC	24 V DC
Dynamic behaviour, speed*	[s] 1	[s] 1
Ramp-up time after applying the mains voltage	[s] < 3.0	[s] < 3.0
Switching frequency/rest time	[s] 1 × per minute/10 sec	[s] 1 × per minute/10 sec
Environmental conditions: Use underwater	Water temperature: min. 4°C to max. 35°C	Water temperature: min. +39.2°F to max. +95°F
Environmental conditions: Dry use	Max. 30°C with natural convection, max. 40°C with forced cooling, no direct sunlight allowed	Max. 86°F with natural convection, max. 104°F with forced cooling, no direct sunlight allowed
Protection class	IP68	IP68
Protection class (EN 61140)	III	I
Installation position	Horizontal	Horizontal
Minimum distance from adjacent equipment	[mm] 100	[ft] 0.33
Assembly (on-site)	2 screws, max. M 5	2 screws, max. M 5
Max. immersion depth	[m] 4.00	[ft] 13.1
Suction-side connection	G1½ thread (male thread)	G1½ thread (male thread)
Pressure-side connection	G1½ thread (male thread)	G1½ thread (male thread)
Filter housing	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)
DMX input	1 m bus cable with DMX connection box	3.28 ft bus cable with DMX connection box
Input line	1 m 24 V power cable with connection box	20 ft power cable without plug
Number of DMX channels	2 channels (control channel, speed channel)	2 channels (control channel, speed channel)
Dimensions incl. filter (L × W × H)	[mm] 311 × 161 × 158	[Inches] 12.2 × 6.3 × 6.2
Material	Plastic/stainless steel	Plastic/stainless steel
Weight	[kg] 5.00	[lb] 11.00
Item no.	50665	57650

* Time to reach full fountain height: of 0 to 100% – with Comet 10 - 12

WATER
MOVEMENT

Controllable
pumps
Varionaut 150 24 V

Suitable for
Fresh water and
pool water

Voltage
24 V DC

Control system
DMX/RDM

Plug and Spray

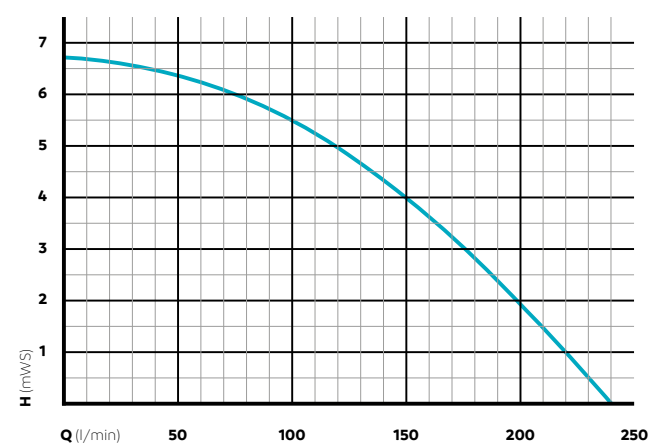
Varionaut 240 24 V

The powerful DMX/RDM pump with 24 V DC technology



- 
- +** Creates individually adjustable water features with precisely repeatable fountain heights of up to 4.8 m using a suitable Comet fountain nozzle – in just one second
- +** Suitable for indoor and outdoor as well as wet installation
- +** Highly dynamic
24 V DC fountain pump
- +** Frost-protected
up to -20°C
- +** Two DMX/RDM connections, therefore providing a connection or loop-through option for additional pumps or spotlights, for example
- +** 24 V operation
allows installation
directly in the pool
- +** Safe and easy installation
thanks to the patented
waterproof ProNect connector
with protection rating IP68

PUMP PERFORMANCE CURVE



ACCESSORIES

Product		Item no.
Comet 15 - 15 silver	> Page 50	48276
Cluster Eco 15 - 38	> Page 56	45480
Reducing sleeve 20 × 15	> Page 367	51030
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750

WATER MOVEMENT

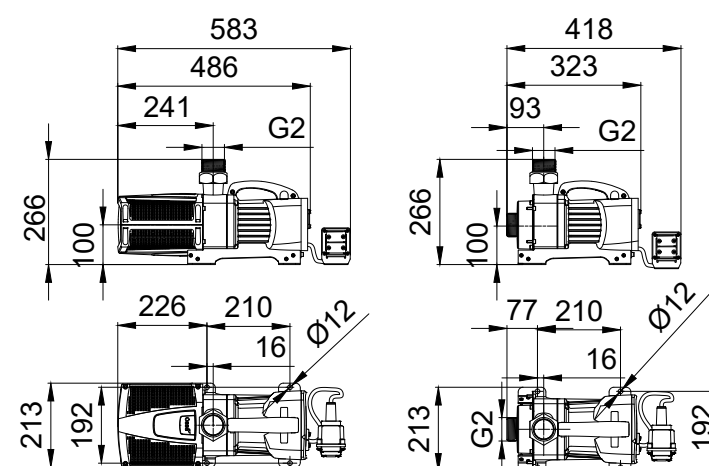
Controllable
pumps
Varionaut 240 24 V 

Suitable for
Fresh water and
pool water 

Voltage
24 V DC

Control system
DMX/RDM

Plug and Spray



TECHNICAL DATA

Product	Varionaut 240 24 V/DMX/02
Motor type/electronics	24 V DC EC motor, DMX-controlled (DMX/RDM-capable)
H max. [m]	6.70
Q max. [l/min]	240
Q min. (offset mode – DMX 0) [l/min]	10
Q max. [l/h]	14400
Max. active power consumption [W]	240
Max. apparent power consumption [VA]	240
Power consumption at max. fountain height [W]	240
Power consumption at min. fountain height [W]	25
Rated current [A]	10
Inrush current (0.01 s) [A]	14
Rated voltage	24 V DC
Dynamic behaviour, speed* [s]	1
Ramp-up time after applying the mains voltage [s]	< 3.0
Switching frequency/rest time	1 × per minute/10 sec
Environmental conditions: Use underwater	Water temperature: min. 4°C to max 35°C
Environmental conditions: Dry use	Max. 30°C with natural convection, max. 40°C with forced cooling, no direct sunlight allowed
Protection class	IP68
Protection class (EN 61140)	III
Installation position	Horizontal
Minimum distance from adjacent equipment [mm]	100
Assembly (on-site)	4 screws, max. M 10
Max. immersion depth [m]	4.00
Suction-side connection	G2 thread (male thread)
Pressure-side connection	G2 thread (male thread)
Filter housing	Plastic/stainless steel 1.4301 (AISI 304)
DMX input	2 × (1 × input/1 × output)
Input line	1.00 m power cable with connection box
Number of DMX channels	2 channels (control channel, speed channel)
Dimensions incl. filter (L × W × H) [mm]	486 × 213 × 266
Material	Plastic/stainless steel
Weight [kg]	11.50
Item no.	46821

* Time to reach full fountain height of 0 to 100% – with Comet 15 - 15

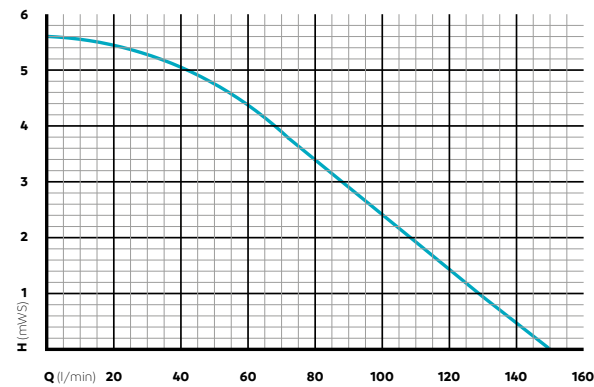
OASE LIVING WATER

Varionaut 150 230 V

Highly dynamic, energy-efficient AC pump for 230 V operation

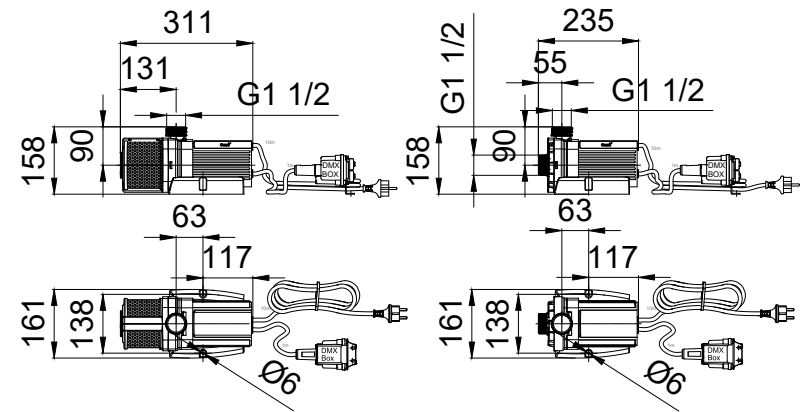


PUMP PERFORMANCE CURVE



ACCESSORIES

Product		Item no.
Comet 10 - 12 T	> Page 52	50968
Cluster Eco 15 - 38	> Page 56	45480
Reducing sleeve 15 x 10	> Page 367	51032
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



TECHNICAL DATA

Product		Varionaut 150/DMX/02*	
US certificates		–	MET (C/US)
Motor type/electronics		230 V AC EC motor, DMX-controlled (DMX/RDM-capable)	230 V AC EC motor, DMX-controlled (DMX/RDM-capable)
H max.	[m]	5.60	[ft] 18
Q max.	[l/min]	150	[gph] 2400
Q min. (offset mode – DMX 0)	[l/min]	24	[gph] 380
Q max.	[l/h]	9000	[gpm] 40
Max. active power consumption	[W]	130	[W] 130
Max. apparent power consumption	[VA]	250	[VA] 300
Power consumption at max. fountain height	[W]	130	[W] 130
Power consumption at min. fountain height	[W]	5	[W] 5
Rated current	[A]	1.1	[A] 1.3
Inrush current (0.01 s)	[A]	37	[A] 37
Rated voltage		220–240 V/50 Hz/60 Hz	220–240 V/50 Hz/60 Hz
Dynamic behaviour, speed*	[s]	1	[s] 1
Ramp-up time after applying the mains voltage	[s]	< 3.0	[s] < 3.0
Switching frequency/rest time		1 x per minute/10 sec	1 x per minute/10 sec
Environmental conditions: Use underwater		Water temperature: min. 4°C to max. 35°C	Water temperature: min. +39.2°F to max. +95°F
Environmental conditions: Dry use		Max. 30°C with natural convection Max. 40°C with forced cooling, no direct sunlight allowed	Max. 86°F with natural convection Max. 104°F with forced cooling, no direct sunlight allowed
Protection class		IP68	IP68
Protection class (EN 61140)		I	I
Installation position		Horizontal	Horizontal
Minimum distance from adjacent equipment	[mm]	100	[ft] 0.33
Assembly (on-site)		2 screws, max. M 5	2 screws, max. M 5
Max. immersion depth	[m]	4.00	[ft] 13.1
Suction-side connection		G1½ thread (male thread)	G1½ thread (male thread)
Pressure-side connection		G1½ thread (male thread)	G1½ thread (male thread)
Filter housing		Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)
DMX input		1 m bus cable with DMX connection box	3.28 ft bus cable with DMX connection box
Input line		10.00 m power cable with plug	20 ft power cable without plug
Number of DMX channels		2 channels (control channel, speed channel)	2 channels (control channel, speed channel)
Dimensions incl. filter (L x W x H)	[mm]	311 x 161 x 158	[Inches] 12.2 x 6.3 x 6.2
Material		Plastic/stainless steel	Plastic/stainless steel
Weight	[kg]	5.50	[lb] 11
Item no.		50343	57690

* Time to reach full fountain height of 0 to 100% – with Comet 10 - 12

WATER MOVEMENT

Controllable pumps

Varionaut 150 230 V

Suitable for Fresh water and pool water

Voltage 220–240 V

Frequency 50 Hz/60 Hz

Control system DMX/RDM

Plug and Spray

Varionaut 270 230 V

Individually controllable 230 V pump for precise, highly dynamic water features



+ Energy-efficient DMX/RDM-compatible pump for 230 V operation

+ Creates water features with precisely repeatable fountain heights – in a matter of seconds

+ Suitable for indoor and outdoor as well as wet installation

+ Safe and easy installation thanks to the patented waterproof ProNect connector with protection class IP68 – no need for complex manual wiring

+ Two DMX/RDM connections, making it easy to connect other components, such as spotlights

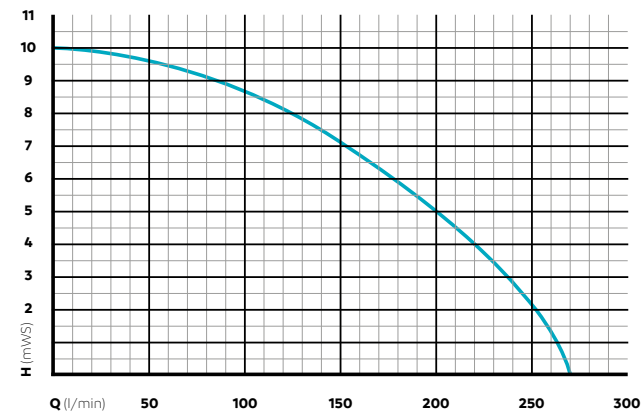
+ Frost-protected up to -20°C



Product video at:



PUMP PERFORMANCE CURVE



ACCESSORIES

Product		Item no.
Comet 15 - 15 silver	> Page 50	48276
Cluster Eco 15 - 38	> Page 56	45480
Reducing sleeve 20 x 15	> Page 367	51030
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750

TECHNICAL DATA

Product		Varionaut 270/DMX/02	
US certificates		–	MET (US)
Motor type/electronics		230 V EC motor, DMX-controlled (DMX/RDM-capable)	230 V EC motor, DMX-controlled (DMX/RDM-capable)
H max.	[m]	10.00	[ft] 33
Q max.	[l/min]	270	[gph] 4280
Q min. (offset mode – DMX 0)	[l/min]	10	[gph] 159
Q max.	[l/h]	16200	[gpm] 71
Max. active power consumption	[W]	380	[W] 380
Max. apparent power consumption	[VA]	440	[VA] 440
Power consumption at max. fountain height	[W]	380	[W] 380
Power consumption at min. fountain height	[W]	25	[W] 25
Rated current	[A]	1.9	[A] 1.9
Inrush current (0.01 s)	[A]	21	[A] 21
Rated voltage		220–240 V/50 Hz/60 Hz	220–240 V/50 Hz/60 Hz
Dynamic behaviour, speed*	[s]	1	[s] 1
Ramp-up time after applying the mains voltage	[s]	< 3.0	[s] < 3.0
Switching frequency/rest time		1 x per minute/10 sec	1 x per minute/10 sec
Environmental conditions: Use underwater		Water temperature: min. 4°C to max. 35°C	Water temperature: min. +39.2°F to max. +95°F
Environmental conditions: Dry use		Max. 30°C with natural convection, max. 40°C with forced cooling, no direct sunlight allowed	Max. 86°F with natural convection, max. 104°F with forced cooling, no direct sunlight allowed
Protection class		IP68	IP68
Protection class (EN 61140)		I	I
Installation position		Horizontal	Horizontal
Minimum distance from adjacent equipment	[mm]	100	[ft] 0.33
Assembly (on-site)		4 screws, max. M 10	4 screws, max. M 10
Max. immersion depth	[m]	4.00	[ft] 13.1
Suction-side connection		G2 thread (male thread)	G2 thread (male thread)
Pressure-side connection		G2 thread (male thread)	G2 thread (male thread)
Filter housing		Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)
DMX input		2 x (1 x input/1 x output)	2 x (1 x input/1 x output)
Input line		10.00 m power cable with plug	20 ft power cable without plug
Number of DMX channels		2 channels (control channel, speed channel)	2 channels (control channel, speed channel)
Dimensions incl. filter (L x W x H)	[mm]	486 x 213 x 266	[Inches] 19.1 x 8.4 x 10.5
Material		Plastic/stainless steel	Plastic/stainless steel
Weight	[kg]	12.10	[lb] 26.70
Item no.		40758	40844

* Time to reach full fountain height: of 0 to 100% – with Comet 15 - 15

WATER MOVEMENT

Controllable pumps

Varionaut 270 230 V

Suitable for
Fresh water and pool water

Voltage
220–240 V

Frequency
50 Hz/60 Hz

Control system
DMX/RDM

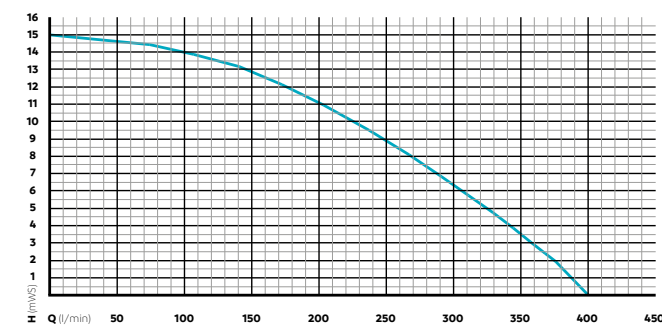
Plug and Spray

Varionaut 400 230 V

The most powerful DMX/RDM-compatible pump for highly dynamic water features with fountain heights of up to 10 m



-



ACCESSORIES

Product		Item no.
Comet 15 - 15 silver	> Page 50	48276
Cluster Eco 15 - 38	> Page 56	45480
Reducing sleeve 20 × 15	> Page 367	51030
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750

TECHNICAL DATA

Product		Varionaut 400/DMX/02	
US certificates		–	MET (US)
Motor type/electronics		230 V EC motor, DMX-controlled (DMX/RDM-capable)	230 V EC motor, DMX-controlled (DMX/RDM-capable)
H max.	[m]	15.00	[ft] 49
Q max.	[l/min]	400	[gph] 6340
Q min. (offset mode – DMX 0)	[l/min]	30	[gph] 475
Q max.	[l/h]	24000	[gpm] 106
Max. active power consumption	[W]	730	[W] 730
Max. apparent power consumption	[VA]	800	[VA] 800
Power consumption at max. fountain height	[W]	730	[W] 730
Power consumption at min. fountain height	[W]	25	[W] 25
Rated current	[A]	3.5	[A] 3.5
Inrush current (0.01 s)	[A]	21	[A] 21
Rated voltage		220–240 V/50 Hz/60 Hz	220–240 V/50 Hz/60 Hz
Dynamic behaviour, speed*	[s]	1.1	[s] 1.1
Ramp-up time after applying the mains voltage	[s]	< 3.0	[s] < 3.0
Switching frequency/rest time	[s]	1 × per minute/10 sec	[s] 1 × per minute/10 sec
Environmental conditions: Use underwater		Water temperature: min. 4°C to max 35°C	Water temperature: min. +39.2°F to max. +95°F
Environmental conditions: Dry use		Max. 30°C with natural convection, max. 40°C with forced cooling, no direct sunlight allowed	Max. 86°F with natural convection, max. 104°F with forced cooling, no direct sunlight allowed
Protection class		IP68	IP68
Protection class (EN 61140)		I	I
Installation position		Horizontal	Horizontal
Minimum distance from adjacent equipment	[mm]	100	[ft] 0.33
Assembly (on-site)		4 screws, max. M 10	4 screws, max. M 10
Max. immersion depth	[m]	4.00	[ft] 13.1
Suction-side connection		G2 thread (male thread)	G2 thread (male thread)
Pressure-side connection		G2 thread (male thread)	G2 thread (male thread)
Filter housing		Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)
DMX input		2 × (1 × input/1 × output)	2 × (1 × input/1 × output)
Input line		10.00 m power cable with plug	20 ft power cable without plug
Number of DMX channels		2 channels (control channel, speed channel)	2 channels (control channel, speed channel)
Dimensions incl. filter (L × W × H)	[mm]	524 × 213 × 266	[Inches] 20.6 × 8.4 × 10.5
Material		Plastic/stainless steel	Plastic/stainless steel
Weight	[kg]	16.50	[lb] 36.40
Item no.		46421	33256

* Time to reach full fountain height of 0 to 100% – with Comet 15 - 15

OASE LIVING WATER

WATER MOVEMENT

Controllable pumps
Marionaut 400
230 V 

Suitable for
Fresh water, pool
water and salt-
water 

Voltage
220–240 V

Frequency
50 Hz/60 Hz

Control system
DMX/RDM

Plug and Spray

Standard pumps



Submersible pumps SPA

The multi-stage power packages for large delivery heads



⊕ Also available for pool water and saltwater

 All parts are made of high-quality stainless steel for maximum durability

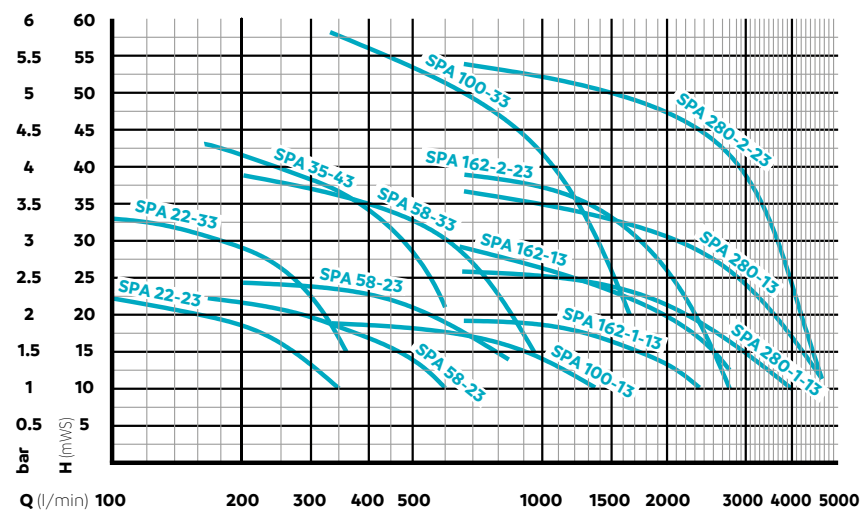
 Good stability

- ⊕ Large-area dirt filter basket with an extremely flat and slim design

- ➕ Perfect alternative when single-stage pumps do not achieve the desired delivery head

⊕ Multi-stage submersible pumps for single or group fountains

PUMP PERFORMANCE CURVE



WATER MOVEMENT

Standard pumps
Submersible
pumps SPA

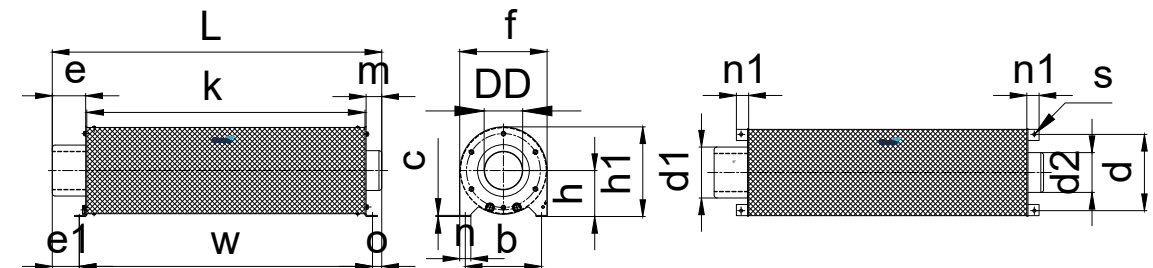
Suitable for
Fresh water, pool
water and
saltwater 

water and
saltwater

Voltage
400 V

Frequency
50 Hz

* Pool water and saltwater product version on request.



Product		SPA	SPA	SPA	SPA	SPA	SPA	SPA	SPA	SPA	SPA	SPA	SPA	SPA
		22-23	22-33	35-23	35-43	58-23	58-33	100-13	100-33	162-1-13	162-13	162-2-23	280-1-13	280-13
b	[mm]	189	189	189	189	189	189	274	274	274	274	274	274	274
c	[mm]	4	4	4	4	4	4	4	4	4	4	4	4	4
DD (Rp)	[inch]	G 2 ½	G 2 ½	G 3	G 3	G 3	G 3	G 5	G 5	G 6	G 6	G 6	G 6	G 6
d	[mm]	225	225	225	225	225	225	310	310	310	310	310	310	310
d1	[mm]	131	131	131	131	141	150	186	186	218	218	218	247	247
d2	[mm]	95	95	95	95	95	138	138	138	138	138	138	138	138
e	[mm]	80	80	80	80	100	100	120	120	120	120	120	120	120
e1	[mm]	57	57	57	57	77	77	97	97	92	92	92	96	96
f	[mm]	229	229	229	229	229	229	314	314	314	314	314	314	314
h	[mm]	123	123	123	123	123	123	165	165	165	165	165	165	165
h1	[mm]	237	237	237	237	237	237	322	322	322	322	322	322	322
k	[mm]	500	500	500	750	750	750	750	1000	750	750	1000	1000	1500
L	[mm]	680	888	898	1211	970	1150	1162	1508	1165	1255	1441	1489	1544
m	[mm]	92	300	310	373	112	292	284	380	287	377	313	361	166
n	[mm]	40	40	40	40	40	40	40	40	40	40	40	40	40
n1	[mm]	44	44	44	44	44	44	44	44	44	44	44	44	44
o	[mm]	69	277	287	350	89	269	261	357	269	359	295	339	144
w	[mm]	554	554	554	804	804	804	804	1054	804	804	1054	1054	1304
s	[mm]	11	11	11	11	11	11	11	11	11	11	11	11	11
Item no.		53834	53835	53839	53841	53845	53846	53852	53854	53858	53859	53860	53864	53865

TECHNICAL DATA

Product		SPA 22-23	SPA 22-33	SPA 35-23	SPA 35-43	SPA 58-23	SPA 58-33	SPA 100-13	SPA 100-33	SPA 162-1-13	SPA 162-13	SPA 162-2-23	SPA 280-1-13	SPA 280-13	SPA 280-2-23
Output power	[kW]	1.10	2.20	2.20	4.0	3	5.50	5.50	11	7.50	11	13	15	18.50	30
Power	[A]	2.75	6.00	6.00	9.60	7.85	13.60	13.60	24.80	17.60	24.80	30.00	34.00	42.00	66.50
Cable length	[m]	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Material		Stainless steel 1.4301 (AISI 304)													
Voltage		3 × 400 V/50 Hz													
Weight	[kg]	20.00	28.00	28.00	37.00	31.00	54.00	66.00	91.00	85.00	93.00	103.00	104.00	111.00	132.00
Item no.		53834	53835	53839	53841	53845	53846	53852	53854	53858	53859	53860	53864	53865	53866

OASE LIVING WATER

Compact and highly efficient



- 
- High performance in a small space thanks to the compact design
- Long-lasting, low-maintenance and universally applicable
- Dimensions and connections according to DIN standard
- Low wear due to low speed
- Low maintenance requirements for the few components – maintenance-free mechanical seal
- Energy-efficient thanks to closed impeller with high efficiency
- Standard version in hard-wearing grey cast iron – special versions possible
- Degree of protection IP55
- Dry installation

[illegible]

Product		BT 2.2- 40-4 IE3	BT 1.5- 50-4 IE3	BT 4.0- 50-4 IE3	BT 1.1- 65-4 IE3	BT 3.0- 80-4 IE3	BT 4.0- 80-4 IE3	BT 5.5- 80-4 IE3	BT 7.5- 100-4 IE3	BT 11.0- 100-4 IE3	BT 15.0- 125-4 IE3
Output power	[kW]	2.20	1.50	4	1.10	3	4	5.50	7.50	11	15
Power	[A]	4.90	3.60	8.20	2.30	6.50	8.20	11.10	14.90	22	29.80
Voltage	[V/50 Hz]	400	400	400	400	400	400	400/YD	400/YD	400/YD	400/YD
Design	[m]	V1	V1	V1	V1	V1	V1	B35	B35	B35	B35
Material		CI	CI	CI	CI	CI	CI	CI	CI	CI	CI
Weight	[kg]	76.00	60.00	96.00	61.00	95.00	106.00	143.00	156.00	215.00	245.00
Item no.		45305	45306	45307	45308	45309	45310	45311	45312	45313	45314

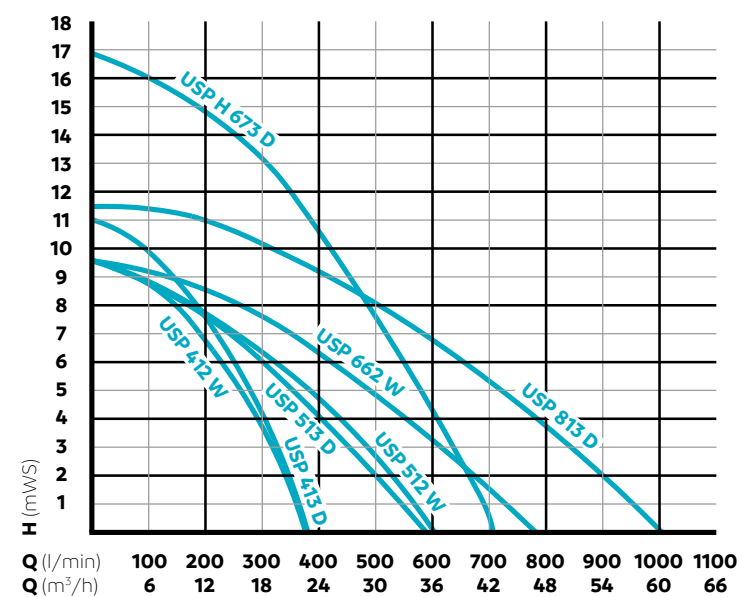
OASE LIVING WATER

Universal pumps USP

The all-rounder for wet and dry installation



PUMP PERFORMANCE CURVE



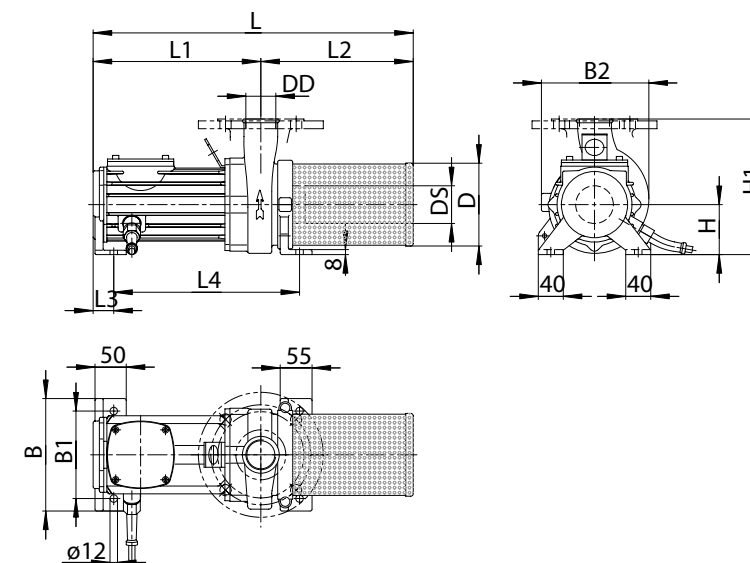
WATER MOVEMENT

- Standard pumps
- Universal pumps
- USP

Suitable for
Fresh water

Voltage
220–240 V/400 V

Frequency
50 Hz



Product		USP 412 W	USP 413 D	USP 512 W	USP 513 D	USP 662 W	USP 813 D	USP H 673
Overall dimensions (L × W × H)	[mm]	512 × 180 × 220	512 × 180 × 220	551 × 240 × 280	551 × 240 × 280	679 × 240 × 310	696 × 240 × 290	679 × 240 × 310
B	[mm]	180	180	240	240	240	240	240
B1	[mm]	140	140	200	200	200	200	200
B2	[mm]	178	178	210	210	230	255	230
DD	[inch]	1½	1½	2	2	2½	DN 80	2½
DS	[inch]	2	2	2½	2½	3	3	3
D	[mm]	130	130	150	150	170	200	170
H	[mm]	80	80	115	115	115	115	115
H1	[mm]	220	220	280	280	310	290	310
L	[mm]	512	512	551	551	679	696	679
L1	[mm]	268	268	252	252	305	308	305
L2	[mm]	244	244	299	299	374	388	374
L3	[mm]	33	33	36	36	36	36	36
L4	[mm]	297	297	285	285	330	347	330

TECHNICAL DATA

Product		USP 412 W	USP 413 D	USP 512 W	USP 513 D	USP 662 W	USP 813 D	USP H 673
Voltage	[V/Hz]	1 × 230/50	3 × 400/50	1 × 230/50	3 × 400/50	1 × 230/50	3 × 400/50	3 × 400/50
Output power	[kW]	0.52	0.49	0.75	0.77	1.12	1.50	1.60
Power	[A]	2.20	0.95	3.30	1.30	4.70	2.90	3.10
Cable length	[m]	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Material		Tombac/stainless steel 1.4301/brass (AISI 304)						
Filter surface	[cm ²]	970	970	1030	1030	1357	2200	1357
Mesh size	[mm]	5	5	5	5	5	5	5
Weight	[kg]	22.00	22.00	31.00	31.00	37.00	42.00	37.00
Item no.		55721	55720	55727	55726	55732	55735	56506

The small all-rounders for wet and dry installation

+

Mechanically regulate the water flow rate quickly and easily

+

The pump conveys the water even when the water level is low

+

Nothing but the sound of water splashing thanks to the extreme smoothness of operation

+

Low power consumption

+

The intake nozzle can be rotated by 360° – water can enter in any desired position

+

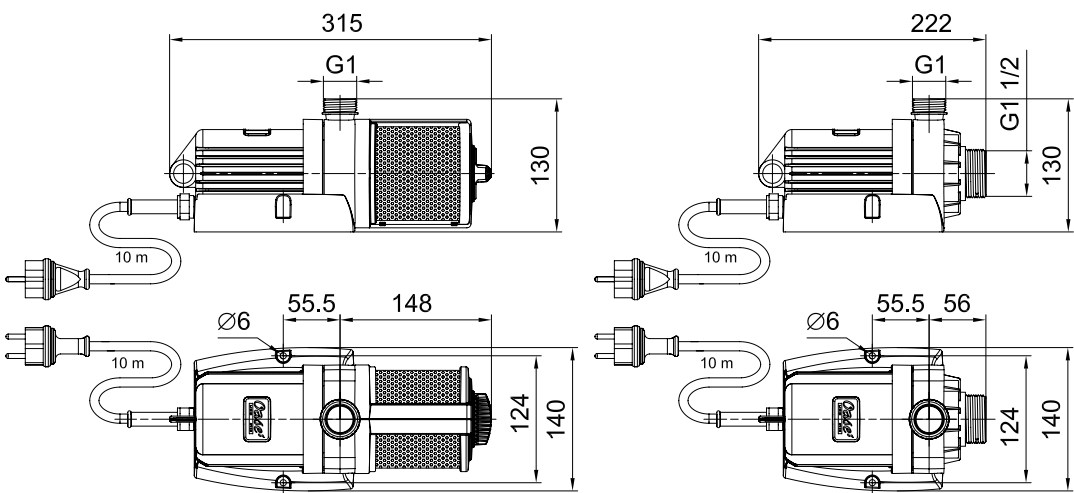
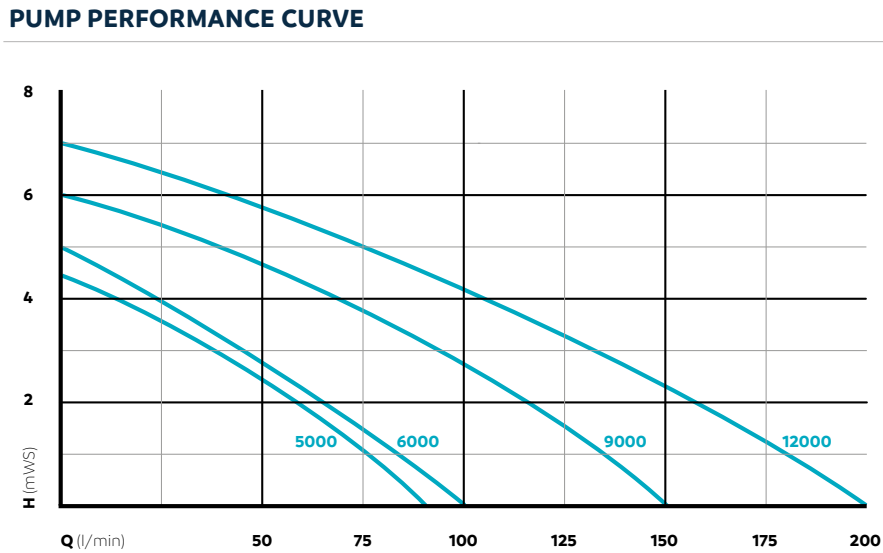
Removable stand, for mounting even in confined spaces

+

This pump is damage-resistant down to temperatures as low as -20°C

+

Incl. built-in thermal protection

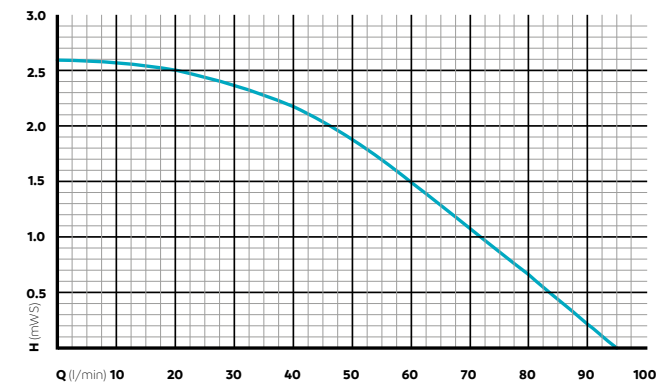


Product		Aquarius Universal Premium 5000	Aquarius Universal Premium 6000	Aquarius Universal Premium 9000	Aquarius Universal Premium 12000
Dimensions (L × W × H)	[mm]	315 × 140 × 130		337 × 161 × 158	
Filter surface	[cm²]	200	200	223	223
Rated voltage		220–240 V/50 Hz			
Power consumption	[W]	85	110	195	270
Power cable length	[m]	10.00	10.00	10.00	10.00
Weight	[kg]	3.40	3.50	5.40	5.45
Q max.	[l/min]	83	100	150	200
Q max.	[l/h]	5000	6000	9000	12000
H max.	[m]	4.50	5.00	6.00	7.00
Pressure-side connection		G 1	G 1	G 1 ½	G 1 ½
Suction-side connection		G 1 ½	G 1 ½	G 1 ½	G 1 ½
Hose connection		1", 1 ¼", 1 ½"	1", 1 ¼", 1 ½"	1", 1 ¼", 1 ½"	1", 1 ¼", 1 ½"
Filter intake surface	[cm²]	200	200	223	223
Electronic adjustment		Yes	Yes	Yes	Yes
Item no.		56617	56637	56876	56879

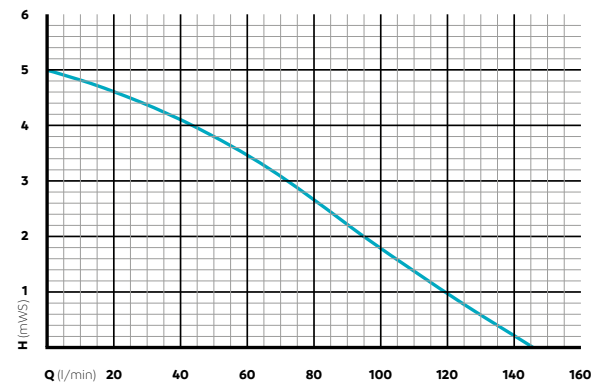
WATER MOVEMENT	
Standard pumps Aquarius Universal Premium 5000–12000	
Suitable for Fresh water	
Voltage 220–240 V	
Frequency 50 Hz	

What is the pump performance curve used for?

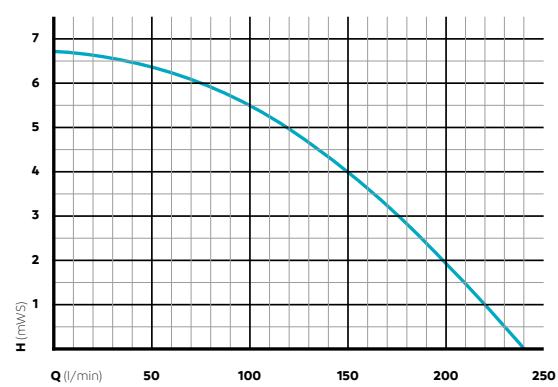
The pump performance curve, or pump curve, can be used as a guide for selecting the right pump. It shows the curve of the volumetric flow (Q) versus the delivery head (H) of a pump. The delivery head is given in mWC (metres of water column), 1 mWC ~ 0.1 bar.

VARIONAUT 90 24 V/DMX/02

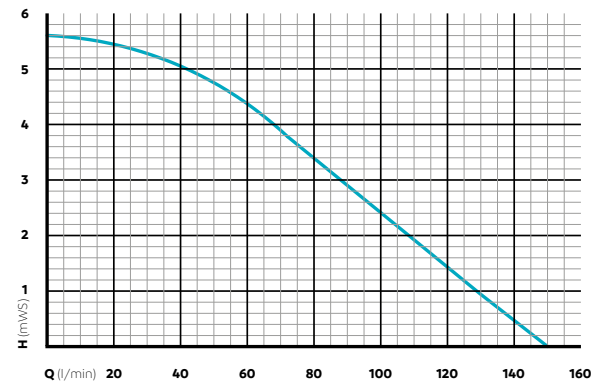
> Page 178

VARIONAUT 150 24 V/DMX/02

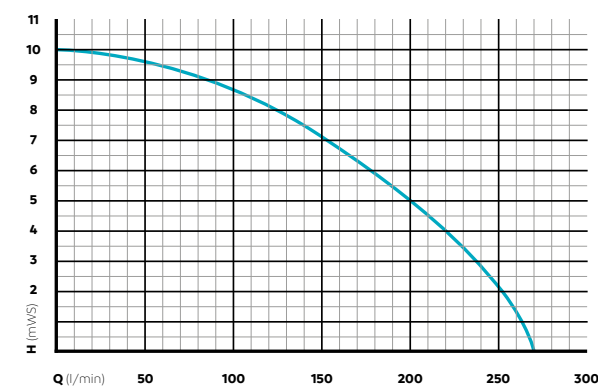
> Page 180

VARIONAUT 240 24 V/DMX/02

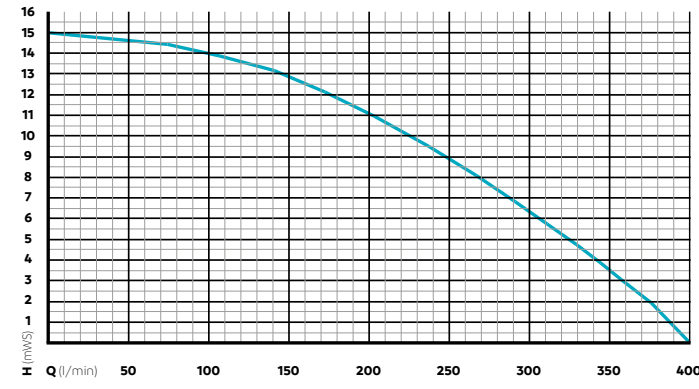
> Page 182

VARIONAUT 150/DMX/02

> Page 184

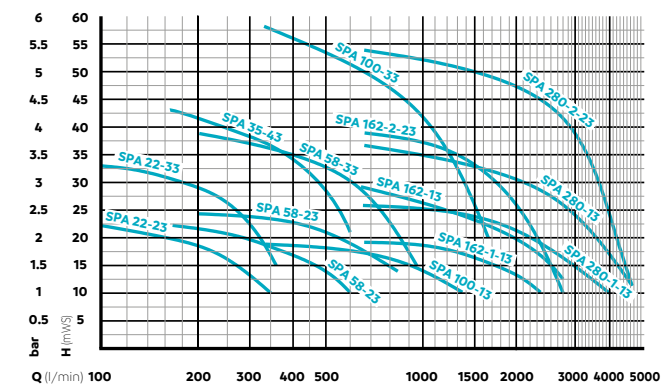
VARIONAUT 270/DMX/02

> Page 186

VARIONAUT 400/DMX/02

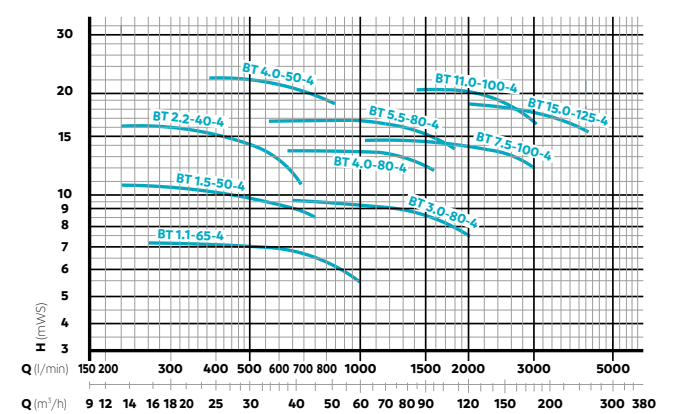
> Page 188

SUBMERSIBLE PUMPS SPA

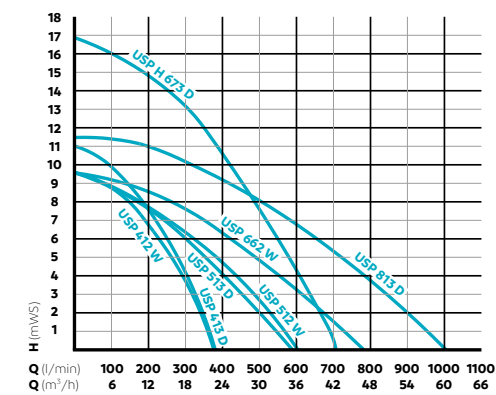


> Page 192

BLOCK-TYPE CENTRIFUGAL PUMPS BT

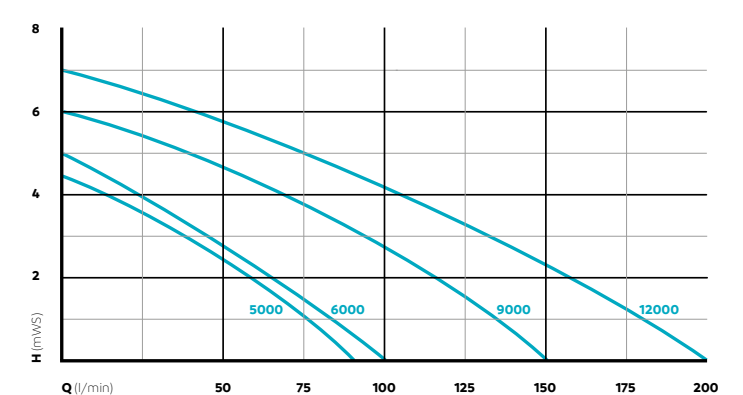


> Page 194

UNIVERSAL PUMPS USP

> Page 196

AQUARIUS UNIVERSAL PREMIUM 5000-12000



> Page 198

Water movement

Floating units



PondJet/PondJet Eco

Compact floating fountain – impressive and now extremely energy-efficient!

Also perfect for temporary use, e.g. at events

Additional nozzle arrangements and lighting sets in white and RGB are available as accessories

Flexible installation in water no matter the soil conditions

This is EFC* by OASE: No issues with the pump becoming blocked or running dry

Change up the scenery with the PondJet Eco: By switching on the dynamic function, the fountain height varies according to the stored choreographies

Up to –50% with the PondJet Eco: This pump requires so much less energy than its predecessor model

Precise and reliable engineering skills at a particularly high level of quality

Includes pump, floating body and multi-function nozzle

Minimum water level for clear water 1 m, for muddy pond bottom 1.5 m.

ACCESSORIES

Product		Item no.
Floating fountain illumination set RGB	> Page 264	42641
LED-Floating Fountain Illumination white	> Page 264	42637
Schaumsprudler 35 - 10 E	> Page 70	50984
Vulcan 43 - 3 silver	> Page 66	50766

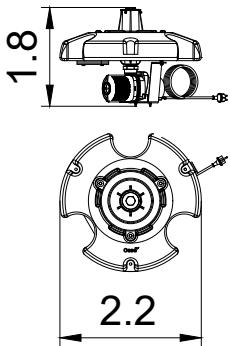
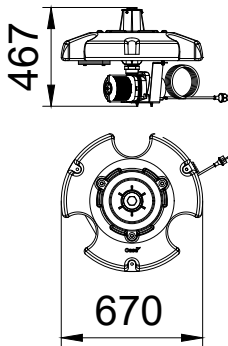
* EFC = Environmental Function Control = blockage or dry running protection.



PondJet Eco



PondJet



TECHNICAL DATA

Product	PondJet Eco	PondJet Eco (UK)	PondJet
Dimensions (dia. × H)	[mm] 670 × 540	670 × 540	[ft] 2.2 × 1.8
Rated voltage	[V/Hz] 220–240 / 50/60	220–240 / 50/60	[V/Hz] 110–120 / 60
Power consumption	[W] 190	190	[W/A] 260/2.2
Max. flow rate	[l/min] 180	180	[gpm] 40
Max. flow rate	[l/h] 10800	10800	[gph] 2400
Max. water column	[m] 8.50	8.50	[ft] 28
Pressure-side connection	G 1	G 1	G 1
Max. fountain height	[m] 3.00	3.00	[ft] 10
Filter surface	[cm²] 420	420	[ft] 10
Cable length	[m] 20	20	[ft] 75
Weight	[kg] 15.20	15.20	[lbs.] 16.80
Item no.	57704	72930	54019

Floating units

Complete, ready-to-connect fountains in two different motor power ratings

Optionally available lighting sets in white or colour let the fountain come to life in the dark

For use in clear water with all soil conditions

The foam float reduces the sounds of the splashing water and stabilises the fountain

Bank mount included for easy installation

Four different nozzle arrangements with 3" (75 mm) standard thread

Pump basket made of stainless steel

The 230 V version is supplied ready for operation with a control box and Schuko plug

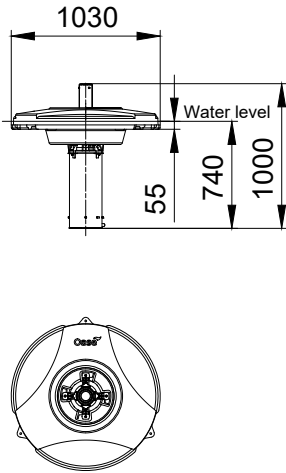
The 400 V version is supplied ready for connection with a 5-pole CEE plug and motor protection switch

ACCESSORIES

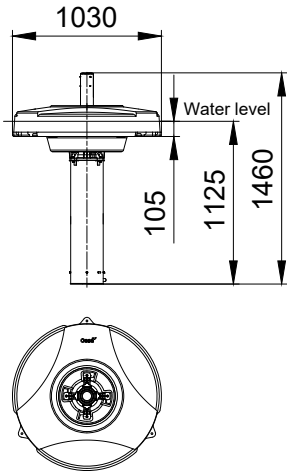
Product		Item no.
High Jet 30	> Page 60	50375
Grand Vulcan 30	> Page 62	50376
Geyser Jet 30	> Page 61	50377
Trumpet Jet 30	> Page 63	50378



MIDI II



MAXI II



TECHNICAL DATA

Product		MIDI II 1.1 kW/230 V	MAXI II 4.0 kW/400 V
Dimensions incl. nozzle (dia. x H)	[mm]	1030 x 1000	1030 x 1460
Rated voltage		230 V/50 Hz	400 V/50 Hz
Output	[kW]	1.1	4
Power cable length	[m]	50.00	50.00
Warranty*	[Years]	2	2
Max. head height, metres	[m]	22.80	46.60
Max. flow rate	[l/min]	366	650
Pressure-side connection		G 3	G 3
Min. water depth	[m]	1.00	1.25
Weight	[kg]	80.00	105.00
Item no.		50365	50371

Guaranteed to
spark the brightest
enthusiasm.



Undoubtedly, the true highlights of any fountain system: the OASE LED spotlights. With outstanding radiance and extremely low power consumption, they bring water patterns to life, enhance dynamic choreography and arouse emotions, with an impressive colour spectrum that includes an intense Royal Blue. OASE spotlights are made of superior-quality materials with robust stainless steel housings and long-lasting LEDs from leading brands, all of which are calibrated to ensure a uniform colour pattern.

Lighting

SPOTLIGHTS

				
ProfiLux LED S W	ProfiLux LED S RGB/RGBW	ProfiLux Basic LED L W	ProfiLux Basic LED L RGB	ProfiLux LED L RGB/RGBW
> Page 216	> Page 218	> Page 220	> Page 222	> Page 224
				
ProfiLux Basic LED XL W	ProfiLux Basic LED XL RGBW	ProfiLux LED XL RGBW		
> Page 226	> Page 228	> Page 230		

RING SPOTLIGHTS

		
ProfiRing LED L RGB/RGBW	ProfiRing LED XL RGB	ProfiFloor LED S RGB/RGBW
> Page 234	> Page 236	> Page 240

FLOOR SPOTLIGHTS

RECESSED RING SPOTLIGHTS

		
ProfiPlane LED L RGB/RGBW	ProfiPlane LED XL RGB	SplashKit LED XL RGrBW
> Page 244	> Page 246	> Page 248

LINEAR SPOTLIGHTS


LED strips
> Page 252

SPOTLIGHT MODULES

		
LED Modul MDD S	LED Modul Swivel L	LED Modul MDD L
> Page 256	> Page 258	> Page 260
		
LED Modul MDD XL	Floating fountain illumination	
> Page 262	> Page 264	

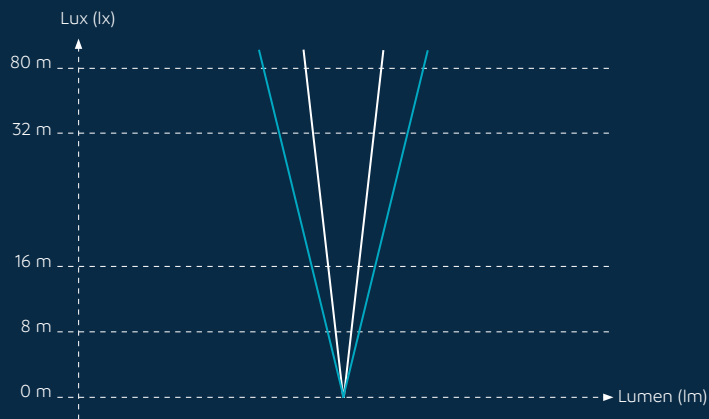
MORE INFORMATION

Lighting overview	> Page 213
Accessories	> From page 266
LED guide	> Page 210



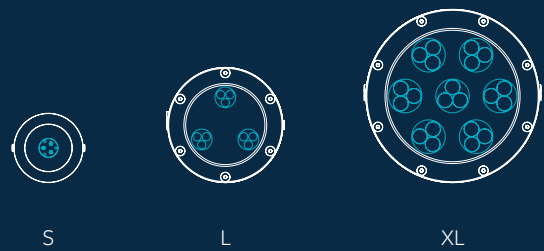
Criteria for LED lighting

OASE offers spotlights for every application. Whether as a conventional spotlight or as a spotlight installed in the floor that is safe to drive over – OASE has the solution. In addition to the OASE standard range, the LED configurator offers individual lighting options. Based on all your specifications and requirements, it will configure the right spotlight for you.



Luminosity (lux) and luminous flux (lumen)

The lux value represents the intensity of the incoming light at a specific point. The lumen value represents the total amount of light emitted at the light source and allows conclusions to be made about the brightness of the light.



Sizes

You can choose between three different LED configurations depending on the desired light intensity.



Control system

For single-colour spotlights, there is also the option to dim special versions via DMX in addition to switching on and off. All coloured spotlights are DMX/RDM-compatible.



Material

Depending on the housing and accordingly on the type of material, they are suitable for use in fresh water, pool water and saltwater.



Colour spectrum

The OASE Profi LEDs guarantee a rich interaction of colours. In addition to the basic tones of red, blue and green and three white tones, the darker, intense Royal Blue expands your colour spectrum. And the orange-yellow amber provides an atmospheric mood and a warmer colour radiance.



PROFILUX
Spotlight
with bracket



PROFIRING
Spotlight with central nozzle
opening



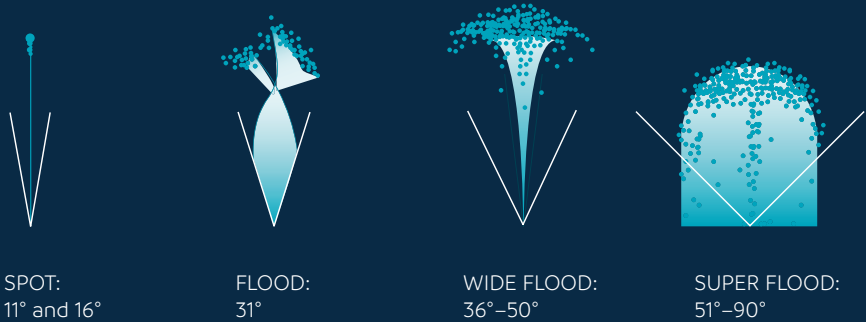
PROFIFLOOR
Spotlights for floor
and wall installation,
safe to drive over



PROFIPLANE
Spotlights for
floor and wall installation,
with nozzle opening, safe
to drive over

Housing

Four housing options are available for the various applications in water or on land.



Angle

We have models with a variety of beam angles in our range for different water patterns, types of tree or building orientations.



LIGHTING OVERVIEW

Product	Size	Colour		Luminous flux max.	Suitable for			Voltage	Control system	Plug and Spray	Page
		RGB	White		Fresh water	Pool water	Salt-water				
 Spotlight											
ProfiLux LED	S			391 lm				24 V DC			216
ProfiLux LED	S			407 lm				24 V DC	DMX/RDM**		218
ProfiLux Basic LED	L			735 lm				24 V DC			220
ProfiLux Basic LED	L			573 lm				24 V DC	DMX/RDM**		222
ProfiLux LED	L			1228 lm				24 V DC	DMX/RDM**		224
ProfiLux Basic LED	XL			1715 lm				24 V DC			226
ProfiLux Basic LED	XL			1263 lm				24 V DC	DMX/RDM**		228
ProfiLux LED	XL			2065 lm				24 V DC	DMX/RDM**		230
 Ring spotlights											
ProfiRing LED	L			1228 lm				24 V DC	DMX/RDM**		236
ProfiRing LED	XL			2511 lm				24 V DC	DMX/RDM**		234
 Floor spotlights											
ProfiFloor LED	S			407 lm				24 V DC	DMX/RDM**		240
 Recessed ring spotlights											
ProfiPlane LED	L			1228 lm				24 V DC	DMX/RDM**		244
ProfiPlane LED	XL			2511 lm				24 V DC	DMX/RDM**		246
SplashKit LED	XL			2511 lm				24 V DC	DMX/RDM**		248
Linear spotlights											
LED strips								24 V DC	DMX/RDM**		252
Spotlight modules											
LED Modul MDD S				1146 lm				24 V DC	DMX/RDM**		256
LED Modul Swivel L				2511 lm				24 V DC	DMX/RDM**		258
LED Modul MDD L				2511 lm				24 V DC	DMX/RDM**		260
LED Modul MDD XL				6195 lm				24 V DC	DMX/RDM**		262
Floating fountain lighting				639 lm				24 V DC			264
Floating fountain lighting				1740 lm				24 V DC			264

* Saltwater product version on request.
** DMX/RDM-compatible with the Underwater LED Driver Compact > Page 322.

Spotlights



ProfiLux LED S W

4000 K neutral white LED spotlight



- + High-quality, robust stainless steel housing and mounting bracket for floor and nozzle pipe mounting
- + Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*
- + 4 m cable length with patented, waterproof OASE ProNect connector
- + Powerful, energy-efficient, neutral white LED spotlight for wet and dry installation
- + DMX/RDM-compatible with Underwater Switch 24 V DC Compact DMX/02 (on/off)
- + Even, stepped-edge glass surface prevents deposits



> From page 299

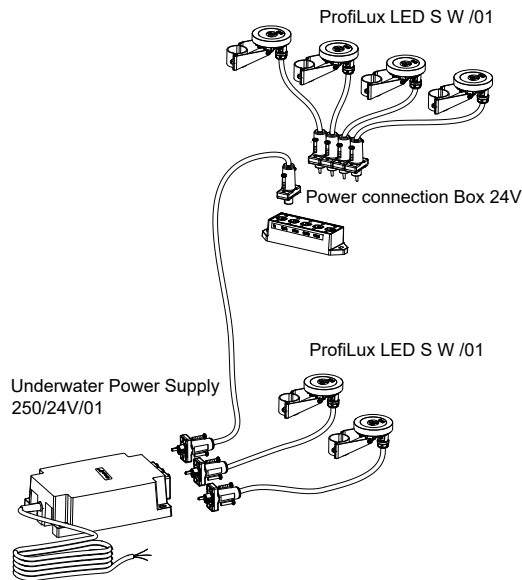


- + Waterproof to IP68 up to 4 m water depth

i Individual spotlights can be configured via the sales partner

* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

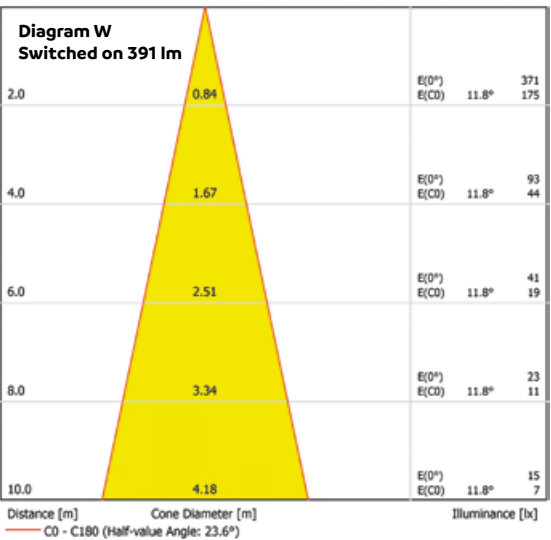
ACCESSORIES



Product		Item no.
Underwater Switch 24 V DC Compact/DMX/02	> Page 304	84956
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Power connection box 24 V	> Page 314	47930
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750

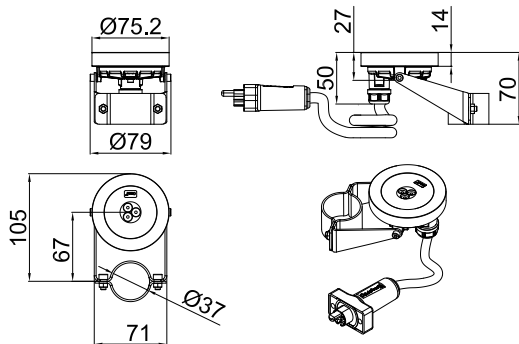


LIGHTING
Spotlight ProfiLux LED
Size S
Colour White
Luminous flux max. 391 lm
Suitable for Fresh water, pool water and saltwater
Voltage 24 V DC
Plug and Spray



TECHNICAL DATA

Product	ProfiLux LED S W/01
US certificates	MET (C/US)
Luminous flux white	[lm] 391
Colour temperature LED white	[K] 4000 (± 200)
Colour rendering index	[%] 80
Beam angle	[°] 25 (± 2)
Rated voltage	24 V DC
Power consumption	[W] 10
Weighted energy consumption	[kWh/1000 h] 11
Rated current	[A] 0.42
Dimming frequency	[Hz] 2800
Power connection type	24 V DC plug
Power cable length	[m] 4.00
Protection class	IP68; 4 m
Dimensions (dia. × H)	[mm] 75 × 70
Material	Stainless steel 1.4404 (AISI 316L)
Weight	[kg] 0.80
Item no.	72705



ProfiLux LED S RGB/RGBW

Durable, rugged RGB spotlight



+ High-quality, robust stainless steel housing and mounting bracket for floor and nozzle pipe mounting

+ Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*

+ Even, stepped-edge glass surface prevents deposits

+ Energy-efficient RGB/RGBW LED spotlight for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs



ProNect Connection

> From page 299

+ DMX/RDM-compatible with the Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects

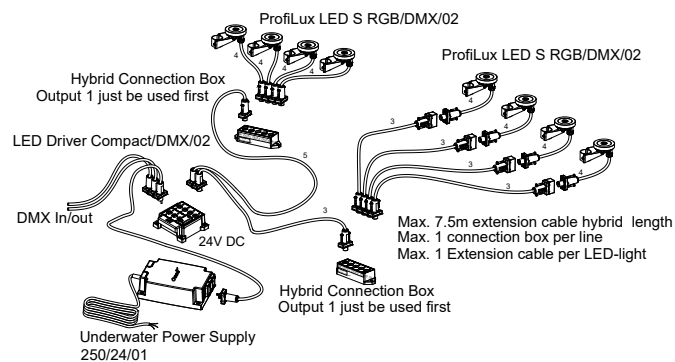
+ 1 m cable length with patented, waterproof OASE ProNect connector

+ Waterproof to IP68 up to 4 m water depth

* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

i Individual spotlights can be configured via the sales partner

ACCESSORIES



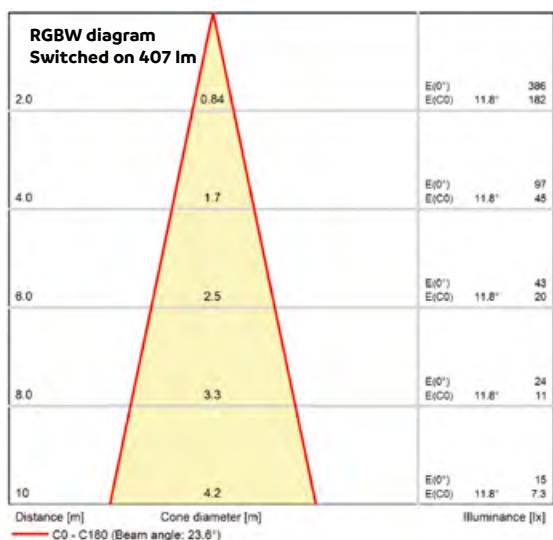
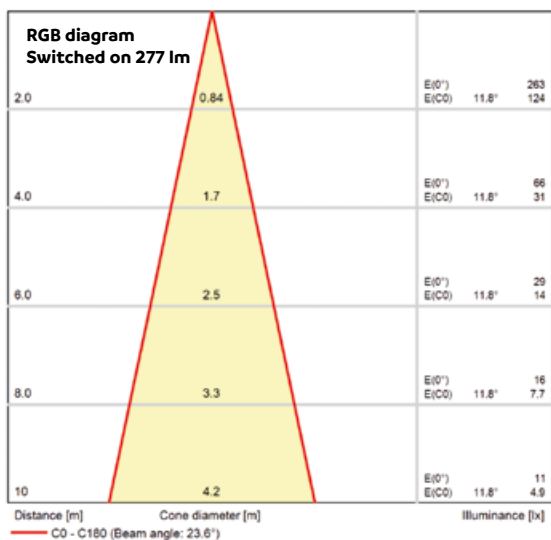
Product	Item no.
Extension cable hybrid /0.5 m/01	> Page 324 89659
Extension cable hybrid /1.5 m/01	> Page 324 76250
Extension cable hybrid /3.0 m/01	> Page 324 50728
Extension cable hybrid /7.5 m/01	> Page 324 56403

Product		Item no.
Distance piece with blind caps	> Page 318	46230
Hybrid connection box	> Page 325	56404
Underwater LED Driver Compact/DMX/02	> Page 322	70468
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



LIGHTING
Spotlight ProfiLux LED
Size S
Colour RGB/RGBW
Luminous flux max. 407 lm
Suitable for Fresh water, pool water and saltwater
Voltage 24 V DC
Control system DMX/RDM*
Plug and Spray

* DMX/RDM-enabled with the Underwater LED Driver Compact > Page 322.



TECHNICAL DATA

Product	ProfiLux LED S RGB /DMX/02	ProfiLux LED S RGBW /DMX/02
US certificates	MET (C/US)	–
Number of DMX channels up to	5	6
Luminous flux, all on [lm]	277	407
Luminous flux red [lm]	83	83
Luminous flux green [lm]	148	148
Luminous flux blue [lm]	46	46
Luminous flux white [lm]	–	130
Colour temperature LED white [K]	4000 (± 200)	4000 (± 200)
Beam angle [°]	25 (± 2)	25 (± 2)
Strobe effect [Hz]	0–25	0–25
Weighted energy consumption [kWh/1000 h]	11	14.3
Rated voltage	24 V DC	24 V DC
Power consumption [W]	10	13.3
Rated current [A]	0.44	0.59
Dimming frequency [Hz]	2800	2800
Power connection type	Hybrid plug	Hybrid plug
Power cable length [m]	1.00	1.00
Protection class	IP68; 4 m	IP68; 4 m
Dimensions (dia. × H) [mm]	75 × 70	75.2 × 70
Material	Stainless steel 1.4404 (AISI 316L)	
Weight [kg]	0.48	0.60
Item no.	72704	91288

ProfiLux Basic LED L W

Warm white LED spotlights with different beam angles



High-quality stainless steel housing with robust retaining bracket and fine adjustment

Waterproof to IP68 up to 2 m water depth

Warm white, powerful spotlights for wet and dry installation

Temperature-controlled, high-quality brand LEDs with a lifetime of up to 50,000 hours*

DMX/RDM-enabled with Underwater Switch 24 V DC Compact DMX/02(on/off)

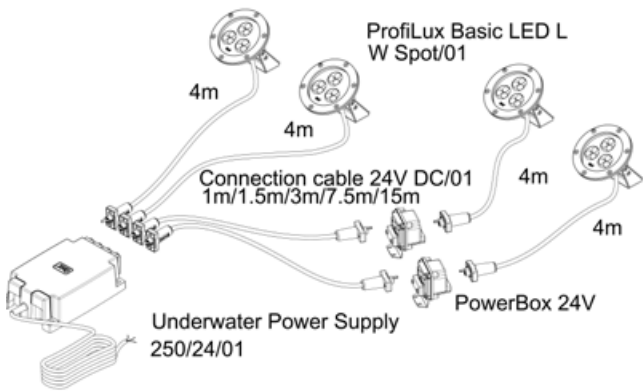
ProNect Connection

> From page 299

4 m cable length with patented, waterproof OASE ProNect connector

* When installed under water, an LED can have a service life of up to 50,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

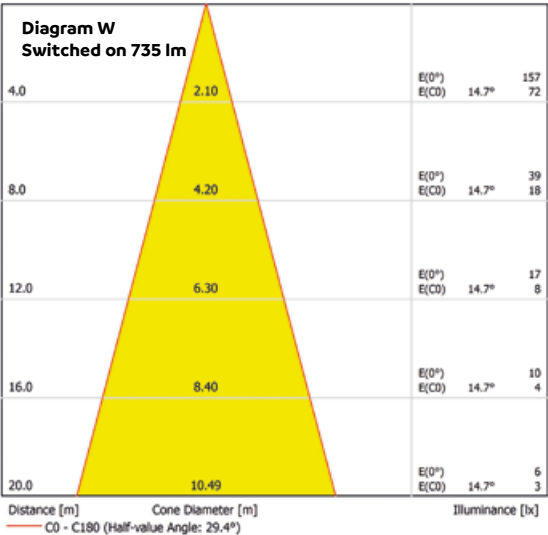
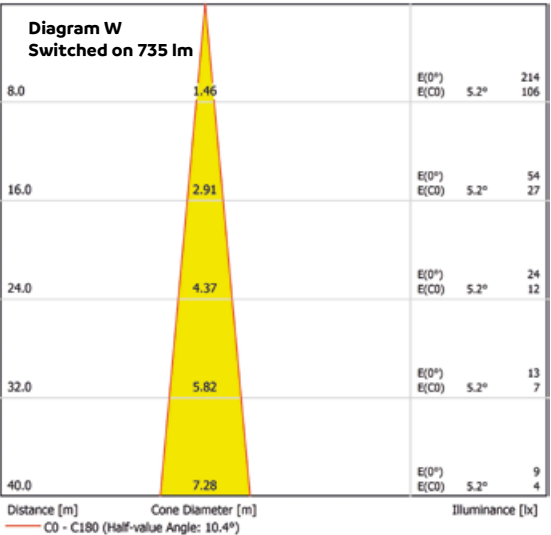
ACCESSORIES



Product		Item no.
Underwater Switch 24 V DC Compact/DMX/02	> Page 304	84956
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Power connection box 24 V	> Page 314	47930
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WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750

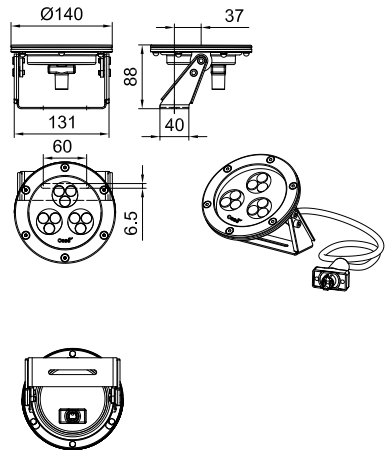


LIGHTING
Spotlight ProfiLux Basic LED
Size L
Colour White
Luminous flux max. 735 lm
Suitable for Fresh water and pool water
Voltage 24 V DC
Plug and Spray



TECHNICAL DATA

Product	ProfiLux Basic LED L W Spot/01	ProfiLux Basic LED L W Flood/01
US certificates	MET (C/US)	MET (C/US)
Luminous flux white [lm]	735	735
Colour temperature LED white [K]	3000 (± 200)	3000 (± 200)
Colour rendering index	90	90
Beam angle [°]	11 (± 2)	31 (± 2)
Rated voltage	24 V DC	24 V DC
Power consumption [W]	24	24
Weighted energy consumption [kWh/1000 h]	27	27
Rated current [A]	1	1
Dimming frequency [Hz]	2800	2800
Power connection type	24 V DC plug	24 V DC plug
Power cable length [m]	4.00	4.00
Protection class	IP68; 2 m	IP68; 2 m
Dimensions (dia. × H) [mm]	140 × 88	140 × 88
Material	Stainless steel 1.4301 (AISI 304)	
Weight [kg]	1.10	1.10
Item no.	72663	72664



ProfiLux Basic LED L RGB

Durable, rugged RGB spotlight



+ Energy-efficient RGB LED spotlight for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs

+ Temperature-controlled, high-quality LEDs with a lifetime of up to 50,000 hours*

+ High-quality stainless steel housing with robust retaining bracket and fine adjustment



> From page 299

+ Waterproof to IP68 up to 2 m water depth

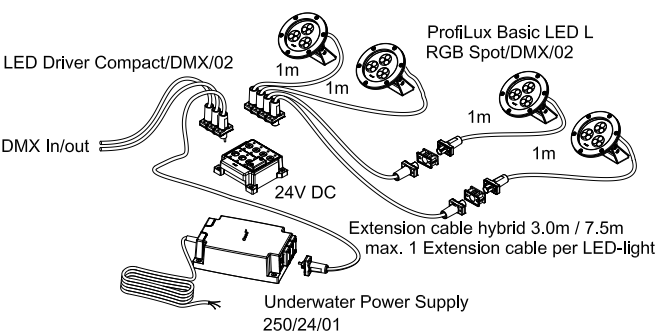
+ 1 m cable length with patented, waterproof OASE ProNect connector

+ Galvanic isolation between DMX and 24 V DC

+ DMX/RDM-compatible with the Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects

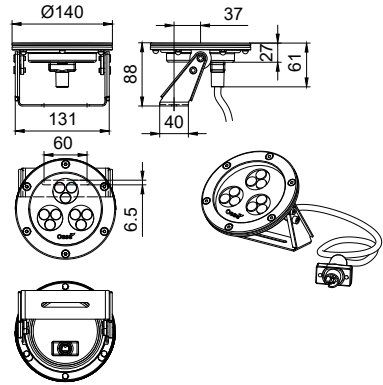
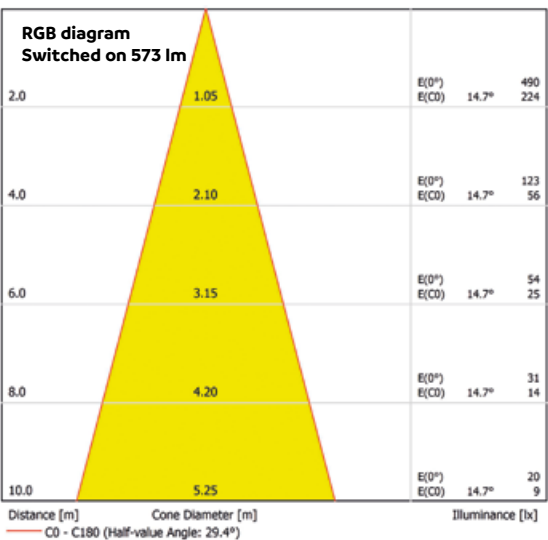
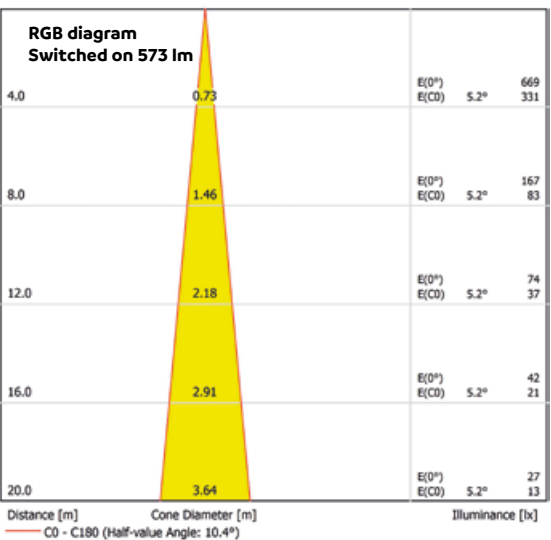
* When installed under water, an LED can have a service life of up to 50,000 hours thanks to intelligent heat management and the use of a quality LED. This endorsement is not relevant for the warranty.

ACCESSORIES



Product		Item no.
Extension cable hybrid/0.5 m/01	> Page 324	89659
Extension cable hybrid/1.5 m/01	> Page 324	76250
Extension cable hybrid/3.0 m/01	> Page 324	50728
Extension cable hybrid/7.5 m/01	> Page 324	56403
Distance piece with blind caps	> Page 318	46230
Underwater LED Driver Compact/DMX/02	> Page 322	70468

Product		Item no.
LED base	> Page 270	93299
LED holder 1 L-XL	> Page 270	93294
LED holder 2 L-XL	> Page 271	93295
LED holder 3 L-XL	> Page 271	93296
LED holder 4 L-XL	> Page 271	93297
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



TECHNICAL DATA

Product	ProfiLux Basic LED L RGB Spot/DMX/02	ProfiLux Basic LED L RGB Flood/DMX/02
US certificates	MET (C/US)	MET (C/US)
Number of DMX channels	5	5
Luminous flux, all on [lm]	573	573
Luminous flux red [lm]	172	172
Luminous flux green [lm]	307	307
Luminous flux blue [lm]	94	94
Beam angle [°]	11 (± 2)	31 (± 2)
Strobe effect [Hz]	0–25	0–25
Weighted energy consumption [kWh/1000 h]	13.2	13.2
Rated voltage	24 V DC	24 V DC
Power consumption [W]	12	12
Rated current [A]	0.6	0.6
Dimming frequency [Hz]	2800	2800
Power connection type	Hybrid plug	Hybrid plug
Power cable length [m]	1.00	1.00
Protection class	IP68; 2 m	IP68; 2 m
Dimensions (dia. × H) [mm]	140 × 88	140 × 88
Material	Stainless steel 1.4301 (AISI 304)	
Weight [kg]	1.10	1.10
Item no.	70132	70133

LIGHTING
Spotlight
ProfiLux Basic LED
Size
L
Colour
RGB
Luminous flux max.
573 lm
Suitable for
Fresh water and pool water
Voltage
24 V DC
Control system
DMX/RDM*
Plug and Spray

* DMX/RDM-enabled with the Underwater LED Driver Compact > Page 322.

ProfiLux LED L RGB/RGBW

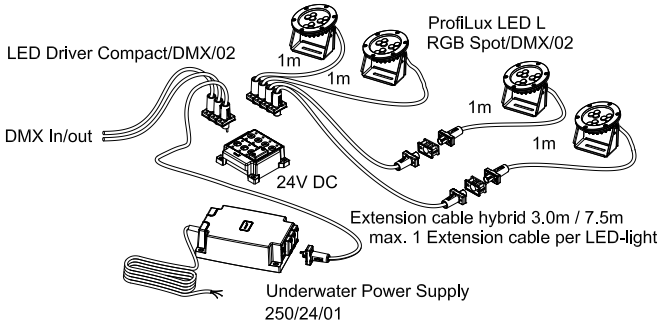
Strong and waterproof to a depth of 4 m



- + High-quality, robust stainless steel housing with retaining bracket and fine adjustment
- + Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*
- + Even surface due to stepped-edge glass prevents deposits
- + High-performance RGB/RGBW LED spotlight for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs
- + Galvanic isolation between DMX and 24 V DC
- + DMX/RDM-compatible with Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects

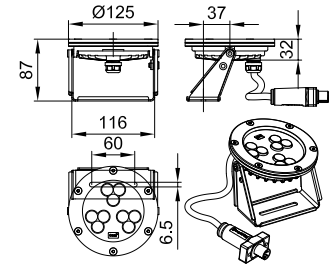
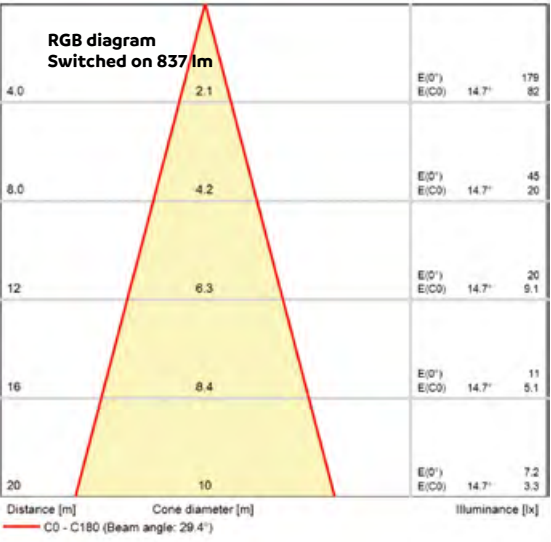
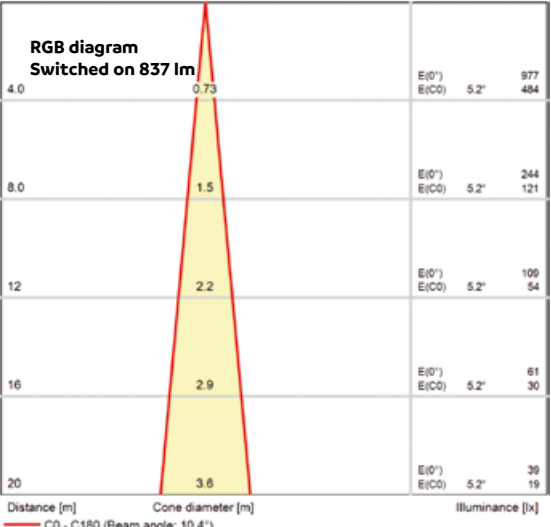
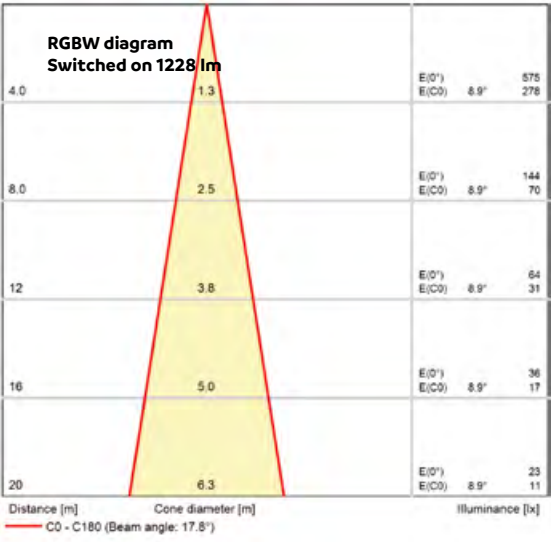
* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

ACCESSORIES

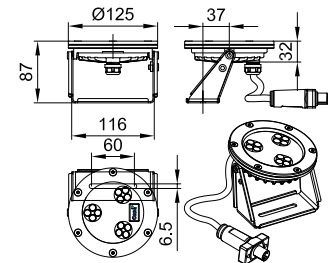


Product		Item no.
Extension cable hybrid/0.5 m/01	> Page 324	89659
Extension cable hybrid/1.5 m/01	> Page 324	76250
Extension cable hybrid/3.0 m/01	> Page 324	50728
Extension cable hybrid/7.5 m/01	> Page 324	56403
Distance piece with blind caps	> Page 318	46230

Product		Item no.
Hybrid connection box	> Page 325	56404
Underwater LED Driver Compact/DMX/02	> Page 322	70468
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
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ProfiLux LED L RGB Spot/DMX/02
ProfiLux LED L RGB Flood/DMX/02



ProfiLux LED L RGBW Spot/DMX/02

LIGHTING
Spotlight ProfiLux LED
Size L
Colour RGB/RGBW
Luminous flux max. 1228 lm
Suitable for Fresh water, pool water and saltwater
Voltage 24 V DC
Control system DMX/RDM*
Plug and Spray

* DMX/RDM-enabled with the Underwater LED Driver Compact > Page 322.

ProfiLux Basic LED XL W

High-intensity with different beam angles



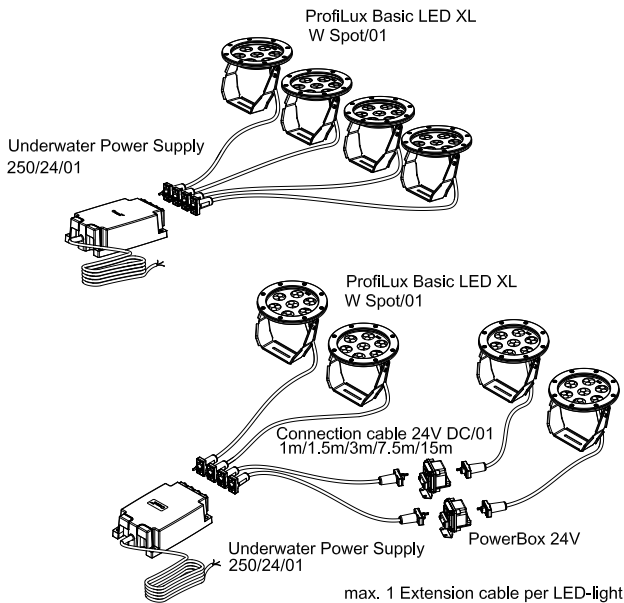
- ⊕ Powerful warm white spotlight for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs
- ⊕ High-quality stainless steel housing with retaining bracket and fine adjustment
- ⊕ Temperature-controlled, high-quality LEDs with a lifetime of up to 50,000 hours*
- ⊕ Waterproof to IP68 up to 2 m water depth
- ⊕ 4 m cable length with patented, waterproof OASE ProNect connector



> From page 299

* When installed under water, an LED can have a service life of up to 50,000 hours thanks to intelligent heat management and the use of a quality LED. This endorsement is not relevant for the warranty.

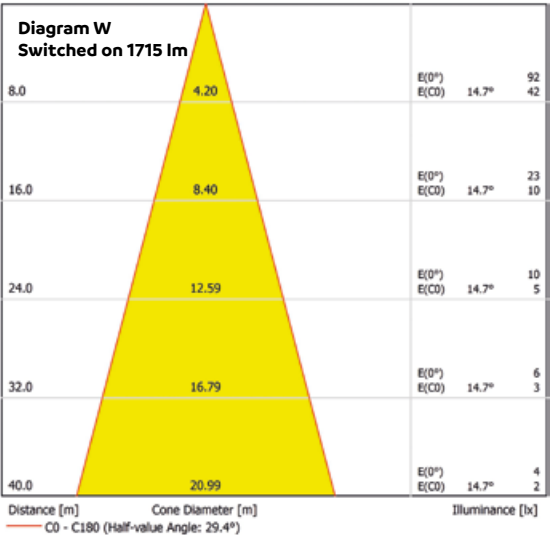
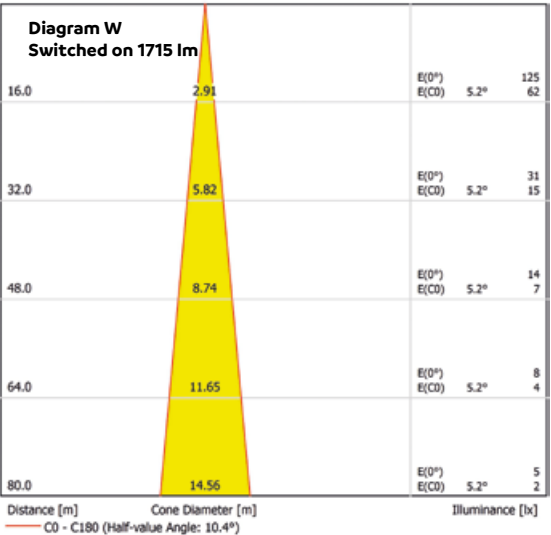
ACCESSORIES



Product		Item no.
Underwater switch 24 V DC Compact/DMX/02	> Page 304	56411
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
Distance piece with blind caps	> Page 318	46230
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Power connection box 24 V	> Page 314	47930
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750

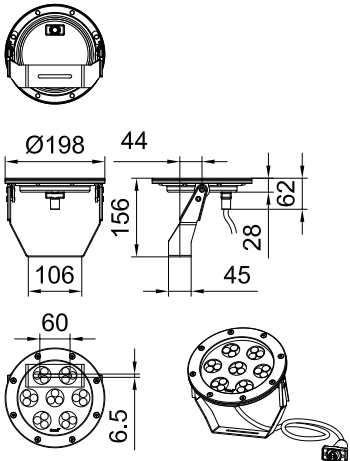


LIGHTING
Spotlight
ProfiLux Basic LED
Size
XL
Colour
White
Luminous flux max.
1715 lm
Suitable for
Fresh water and saltwater
Voltage
24 V DC
Plug and Spray



TECHNICAL DATA

Product	ProfiLux Basic LED XL W Spot/01	ProfiLux Basic LED XL W Flood/01
US certificates	MET (C/US)	MET (C/US)
Luminous flux white	1715 [lm]	1715
Colour temperature LED white	3000 (± 200) [K]	3000 (± 200)
Colour rendering index	90 [%]	90
Beam angle	11 (± 2) [°]	31 (± 2)
Rated voltage	24 V DC	24 V DC
Power consumption	56 [W]	56
Weighted energy consumption	62 [kWh/1000 h]	62
Rated current	2.3 [A]	2.3
Dimming frequency	2800 [Hz]	2800
Power connection type	24 V DC plug	24 V DC plug
Power cable length	4.00 [m]	4.00
Protection class	IP68; 2 m	IP68; 2 m
Dimensions (dia. × H)	198 × 156 [mm]	198 × 156
Material	Stainless steel 1.4301 (AISI 304)	
Weight	2.30 [kg]	2.30
Item no.	72665	72666



ProfiLux Basic LED XL RGBW

Great performance at only 20.4 watts



+ Temperature-controlled, high-quality LEDs with a lifetime of up to 50,000 hours*

+ Uniform brightness of all lights and consistent colour combination

+ Waterproof to IP68 up to 2 m water depth, 1 m cable length with patented, waterproof OASE ProNect connector

+ Powerful RGBW LED spotlight for wet and dry installation

+ High-quality, robust stainless steel housing with retaining bracket and fine adjustment



ProNect Connection

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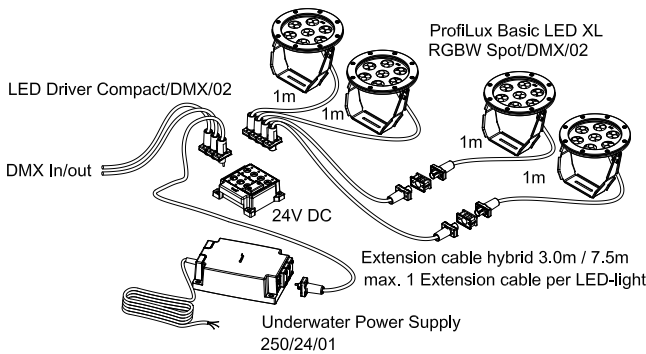
+ Controllable and DMX/RDM-compatible with Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects



Galvanic isolation between DMX and 24 V DC

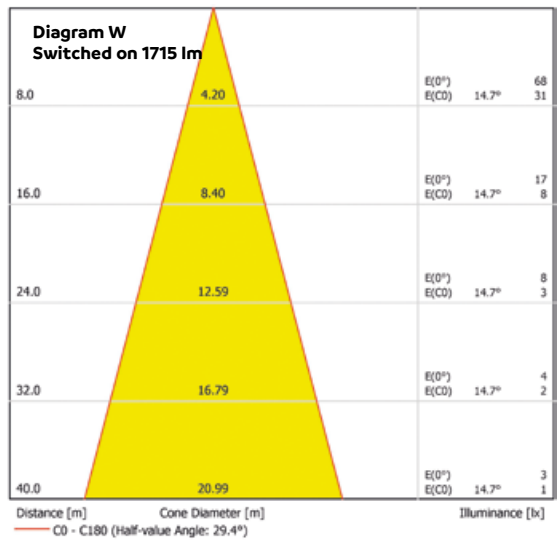
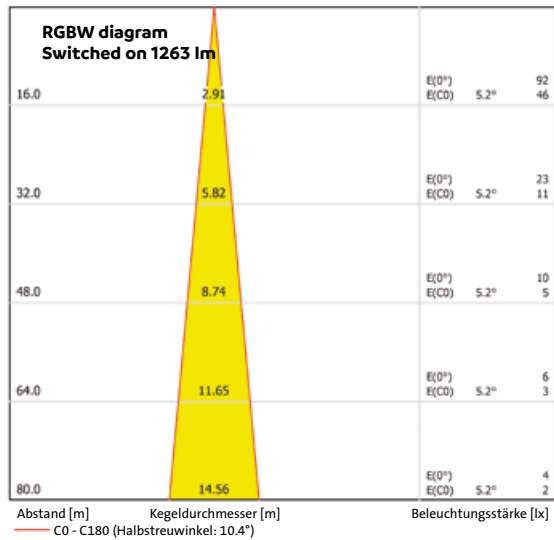
* When installed under water, an LED can have a service life of up to 50,000 hours thanks to intelligent heat management and the use of a quality LED. This endorsement is not relevant for the warranty.

ACCESSORIES



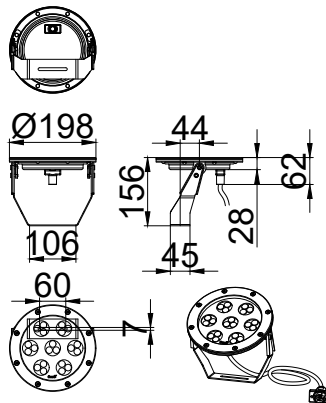
Product		Item no.
Extension cable hybrid/0.5 m/01	> Page 324	89659
Extension cable hybrid/1.5 m/01	> Page 324	76250
Extension cable hybrid/3.0 m/01	> Page 324	50728
Extension cable hybrid/7.5 m/01	> Page 324	56403
Distance piece with blind caps	> Page 318	46230

Product		Item no.
Hybrid connection box	> Page 325	56404
Underwater LED Driver Compact/DMX/02	> Page 322	70468
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



TECHNICAL DATA

Product	ProfiLux Basic LED XL RGBW Spot/DMX/02	ProfiLux Basic LED XL RGBW Flood/DMX/02
US certificates	MET (C/US)	MET (C/US)
Number of DMX channels	6	6
Luminous flux, all on [lm]	1263	1263
Luminous flux red [lm]	284	284
Luminous flux green [lm]	509	509
Luminous flux blue [lm]	156	156
Luminous flux white [lm]	313	313
Colour temperature LED white [K]	4000 (± 200)	4000 (± 200)
Colour rendering index [%]	80	80
Beam angle [°]	11 (± 2)	31 (± 2)
Strobe effect [Hz]	0-25	0-25
Weighted energy consumption [kWh/1000 h]	22.4	22.4
Rated voltage	24 V DC	24 V DC
Power consumption [W]	20.4	20.4
Rated current [A]	1.18	1.18
Dimming frequency [Hz]	2800	2800
Power connection type	Hybrid plug	
Power cable length [m]	1.00	1.00
Protection class	IP68; 2 m	IP68; 2 m
Dimensions (dia. × H) [mm]	198 × 156	198 × 156
Material	Stainless steel 1.4301 (AISI 304)	
Weight [kg]	2.20	2.20
Item no.	70134	70135



ProfiLux LED XL RGBW

Extra-bright with an extra-long life



- + Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*
- + High-quality, robust stainless steel housing with retaining bracket and fine adjustment

- + High-performance RGBW LED spotlight for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs

- + Galvanic isolation between DMX and 24 V DC

- + DMX/RDM-compatible with Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects



> From page 299

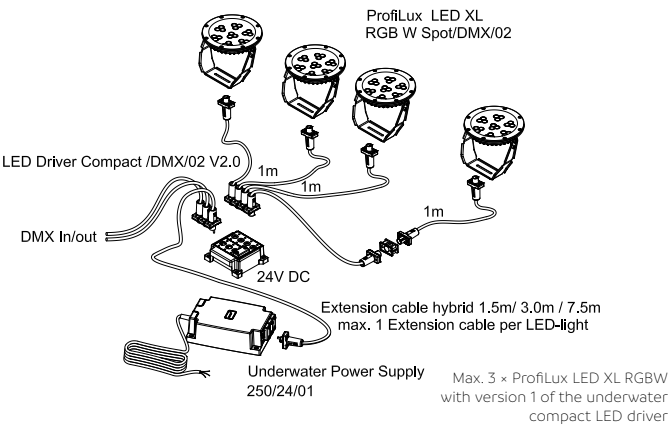
- + Even, stepped-edge glass surface prevents deposits

- + Waterproof to IP68 up to 4 m water depth, with patented, waterproof OASE ProNect connector

* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

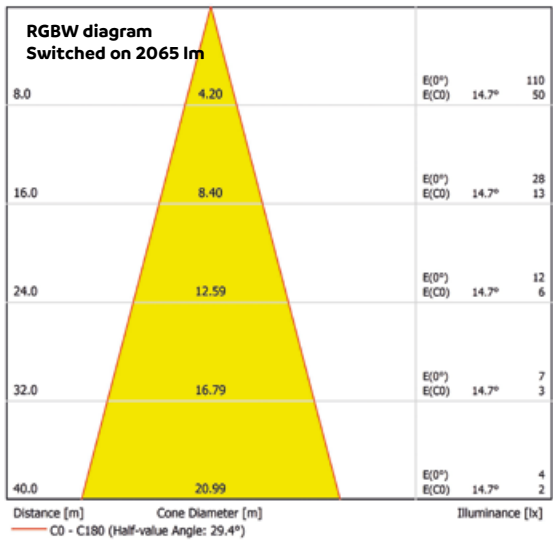
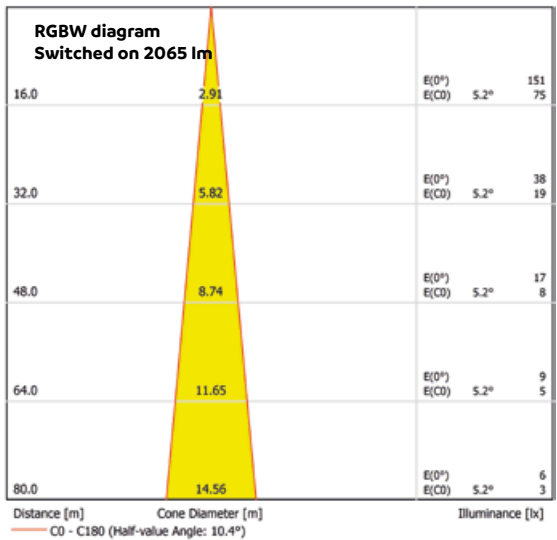
i Individual spotlights can be configured via the sales partner

ACCESSORIES



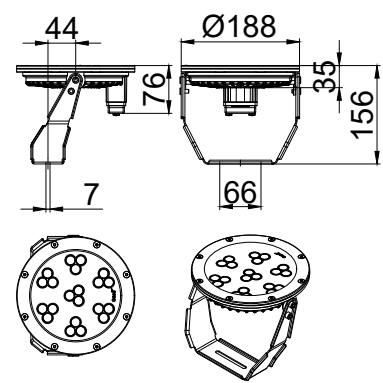
Product		Item no.
Extension cable hybrid/0.5 m/01	> Page 324	89659
Extension cable hybrid/1.5 m/01	> Page 324	76250
Extension cable hybrid/3.0 m/01	> Page 324	50728
Extension cable hybrid/7.5 m/01	> Page 324	56403

Product		Item no.
Hybrid connection box	> Page 325	56404
Underwater LED Driver Compact/DMX/02	> Page 322	70468
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



TECHNICAL DATA

Product	ProfiLux LED XL RGBW Spot/DMX/02	ProfiLux LED XL RGBW Flood/DMX/02
US certificates	MET (C/US)	MET (C/US)
Number of DMX channels	6	6
Luminous flux, all on [lm]	2065	2065
Luminous flux red [lm]	480	480
Luminous flux green [lm]	920	920
Luminous flux blue [lm]	274	274
Luminous flux white [lm]	391	391
Colour temperature LED white [K]	4000 (± 200)	4000 (± 200)
Colour rendering index [%]	80	80
Beam angle [°]	11 (± 2)	31 (± 2)
Strobe effect [Hz]	0-25	0-25
Weighted energy consumption [kWh/1000 h]	55	55
Rated voltage	24 V DC	24 V DC
Power consumption [W]	50	50
Rated current [A]	2.2	2.2
Dimming frequency [Hz]	2800	2800
Power connection type	Hybrid socket	
Power cable length [m]	0.00	0.00
Protection class	IP68; 4 m	IP68; 4 m
Dimensions (dia. × H) [mm]	188 × 156	188 × 156
Material	Stainless steel 1.4404 (AISI 316L)	
Weight [kg]	3.20	3.20
Item no.	36090	36091



Ring spotlights



ProfiRing LED L RGB/RGBW

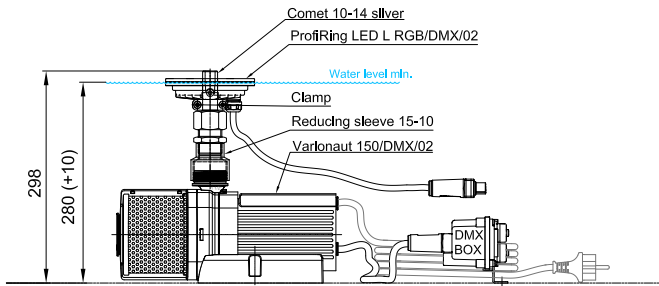
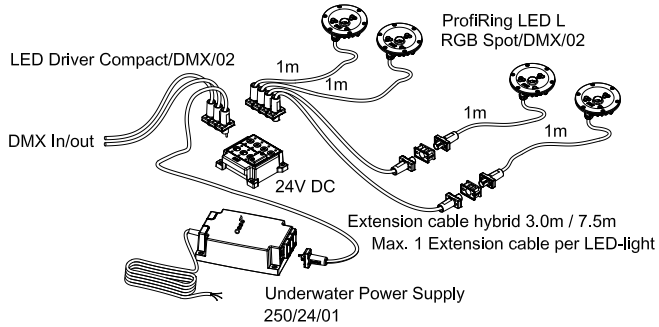
Colourful light spectacle, installable under or above water



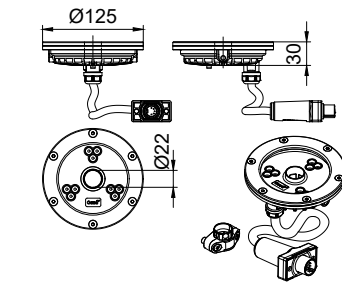
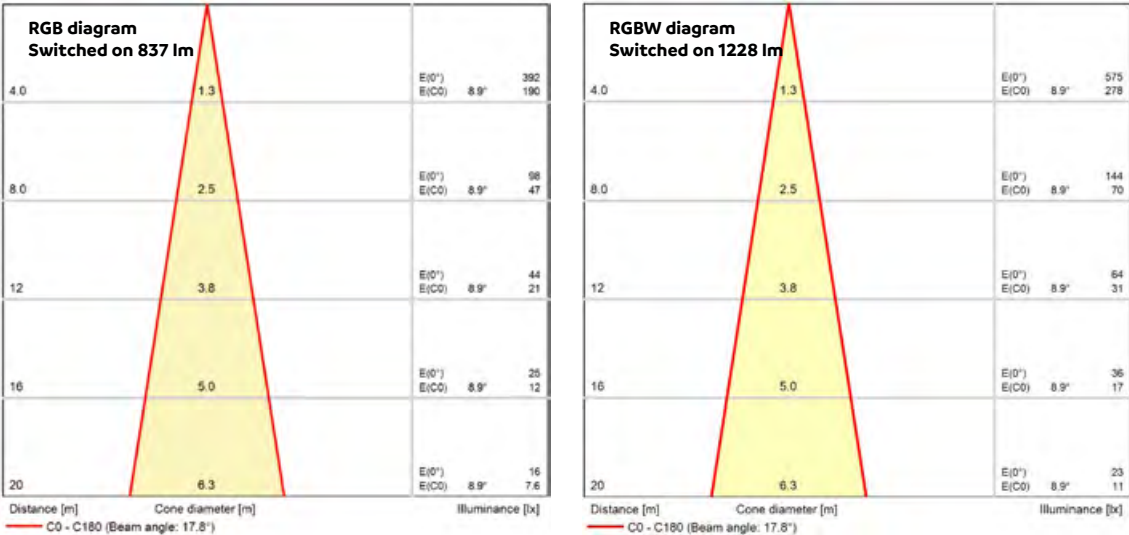
- + High-performance, rugged RGB/RGBW LED spotlight for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs
- + High-quality, robust stainless steel housing with central opening, 22 mm diameter, for fixing to the nozzle connection
- + Galvanic isolation between DMX and 24 V DC
- + DMX/RDM-compatible with the Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects
- + Waterproof to IP68 up to 4 m water depth, 1 m cable length with patented, waterproof OASE ProNect connector
- + Even surface due to stepped-edge glass prevents dirt deposits
- + Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*
- + Individual spotlights can be configured via the sales partner

* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

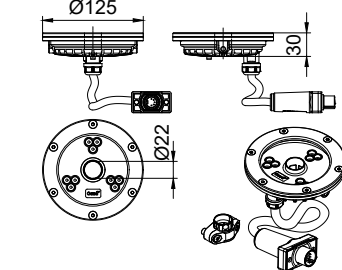
ACCESSORIES



Product		Item no.
Comet 10 - 12 silver	> Page 50	45454
Comet 10 - 14 silver	> Page 50	50723
Comet 10 - 12 T	> Page 50	50968
Comet 10 - 14 T	> Page 50	50969
Extension cable hybrid/0.5 m/01	> Page 324	89659
Extension cable hybrid/1.5 m/01	> Page 324	76250
Extension cable hybrid/3.0 m/01	> Page 324	50728
Extension cable hybrid/7.5 m/01	> Page 324	56403
Distance piece with blind caps	> Page 318	46230
Underwater LED Driver Compact/DMX/02	> Page 322	70468
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



ProfiRing LED L RGB Spot/DMX/02



ProfiRing LED L RGBW Spot/DMX/02

TECHNICAL DATA

Product	ProfiRing LED L RGB Spot/DMX/02	ProfiRing LED L RGBW Spot/DMX/02
US certificates	MET (C/US)	–
Number of DMX channels	5	6
Luminous flux, all on [lm]	837	1228
Luminous flux red [lm]	240	240
Luminous flux green [lm]	460	460
Luminous flux blue [lm]	137	137
Luminous flux white [lm]	–	391
Colour temperature LED white [K]	–	4000 (± 200)
Beam angle [°]	16 (± 2)	16 (± 2)
Strobe effect [Hz]	0–25	0–25
Weighted energy consumption [kWh/1000 h]	24	24
Rated voltage	24 V DC	24 V DC
Power consumption [W]	21	28
Rated current [A]	0.95	1.27
Dimming frequency [Hz]	2800	2800
Power connection type	Hybrid plug	
Power cable length [m]	1.00	1.00
Protection class	IP68; 4 m	IP68; 4 m
Dimensions (dia. × H) [mm]	125 × 30	125 × 30
Material	Stainless steel 1.4404 (AISI 316L)	
Weight [kg]	1.20	1.10
Item no.	72708	91291

LIGHTING
Ring spotlights ProfiRing LED
Size L
Colour RGB/RGBW
Luminous flux max. 1228 lm
Suitable for Fresh water, pool water and saltwater
Voltage 24 V DC
Control system DMX/RDM*
Plug and Spray

* DMX/RDM-enabled with the Underwater LED Driver Compact > Page 322.

ProfiRing LED XL RGB

The most powerful RGB LED spotlight for mounting directly on the fountain nozzle

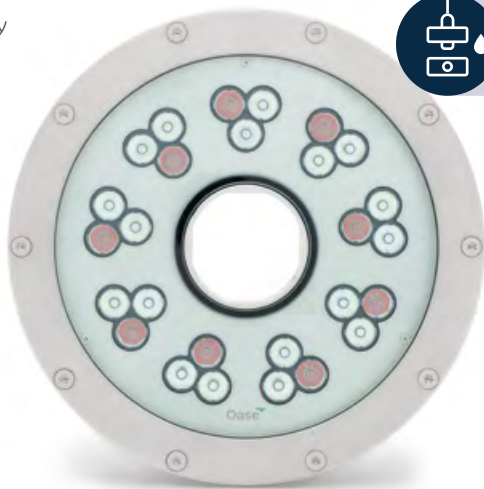


+ Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*

+ Robust, large RGB LED spotlight with central opening (51.6 mm diameter) for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs

+ DMX/RDM-compatible with Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects

* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.



> From page 299

+ Cluster nozzle that finishes flush with the spotlight is also available as an inlet (LED XL EasyFit Noz)

+ Even surface due to stepped-edge glass prevents dirt deposits

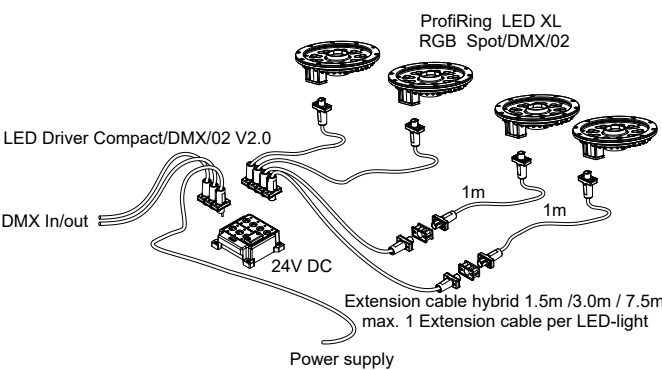
+ IP68/4 m rated, with patented, waterproof OASE ProNect connector

i Individual spotlights can be configured via the sales partner

+ High-quality, robust stainless steel housing for interchangeable thread inlets from LED XL EasyFit 10 and 15 for direct thread connection of various nozzles

+ Galvanic isolation between DMX and 24 V DC

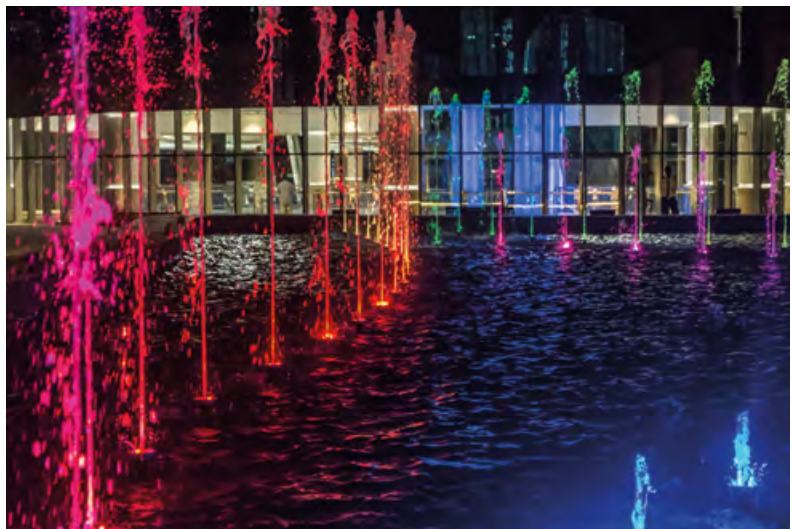
ACCESSORIES



Max. 2 x ProfiRing LED XL RGB with version 1 of the underwater compact LED driver

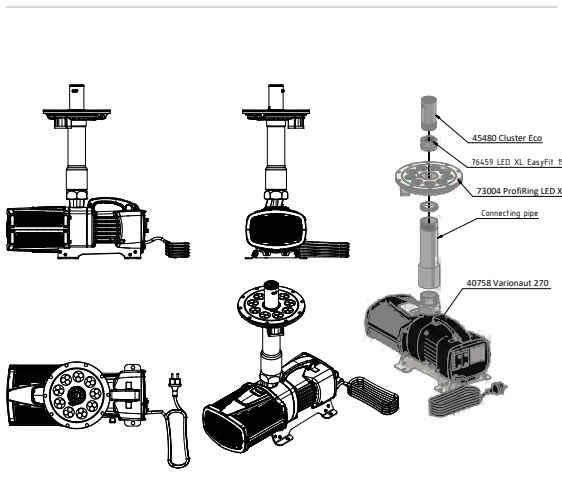
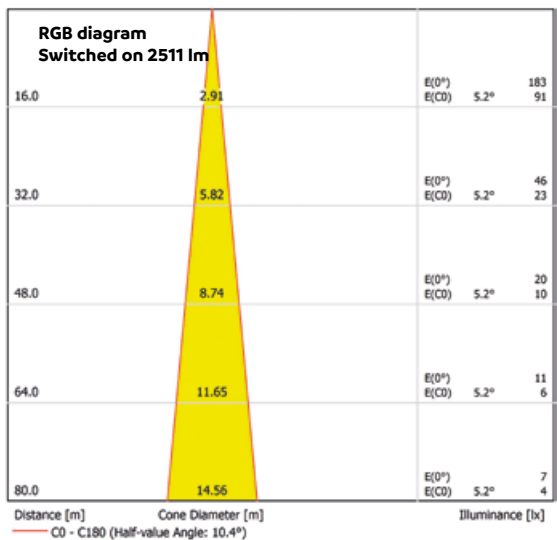
Product		Item no.
LED XL EasyFit 10	> Page 268	76458
LED XL EasyFit 15	> Page 268	76459
LED XL EasyFit Noz	> Page 40	76460
Cluster Eco 15 - 38	> Page 56	45480
Schaumsprudler 35 - 10 E	> Page 70	50984
Schaumsprudler 55 - 15 E	> Page 70	50987

Product		Item no.
Extension cable hybrid/0.5 m/01	> Page 324	89659
Extension cable hybrid/1.5 m/01	> Page 324	76250
Extension cable hybrid/3.0 m/01	> Page 324	50728
Extension cable hybrid/7.5 m/01	> Page 324	56403
Hybrid connection box	> Page 325	56404
Underwater LED Driver Compact/DMX/02	> Page 322	70468
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



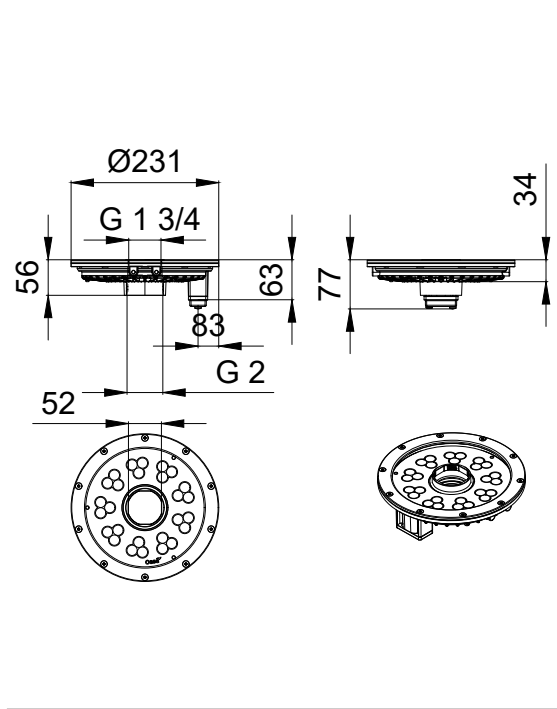
LIGHTING
Ring spotlights ProfiRing LED
Size XL
Colour RGB
Luminous flux max. 2511 lm
Suitable for Fresh water, pool water and saltwater
Voltage 24 V DC
Control system DMX/RDM*
Plug and Spray

* DMX/RDM-enabled with the Underwater LED Driver Compact > Page 322.



TECHNICAL DATA

Product	ProfiRing LED XL RGB spot/DMX/02
US certificates	MET (C/US)
Number of DMX channels	5
Luminous flux, all on	[lm] 2511
Luminous flux red	[lm] 720
Luminous flux green	[lm] 1380
Luminous flux blue	[lm] 411
Beam angle	[°] 11 (± 2)
Strobe effect	[Hz] 0-25
Weighted energy consumption	[kWh/1000 h] 77
Rated voltage	24 V DC
Power consumption	[W] 70
Rated current	[A] 3.1
Dimming frequency	[Hz] 2800
Power connection type	Hybrid plug
Power cable length	[m] 0.00
Protection class	IP68; 4 m
Pressure-side connection	G 2
Dimensions (dia. x H)	[mm] 231 x 77
Material	Stainless steel 1.4404 (AISI 316L)
Weight	[kg] 4.40
Item no.	73004



Floor spotlights



ProfiFloor LED S RGB/RGBW

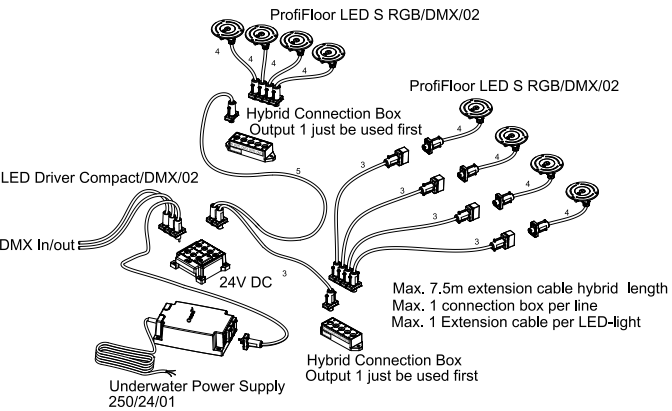
For walls or floors – safe to drive over with weights up to 1.5 t



- + High-quality, robust stainless steel housing for wall or floor mounting, safe to drive over with weights up to max. 1.5 t
- + Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*
- + High-performance RGB/RGBW LED spotlight for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs
- + ProNect Connection
> From page 299
- + Even surface due to stepped-edge glass prevents deposits
- + Waterproof to IP68 up to 4 m water depth, 1 m cable length with patented, waterproof OASE ProNect connector
- + Galvanic isolation between DMX and 24 V DC
- + DMX/RDM-compatible with Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects
- i Individual spotlights can be configured via the sales partner

* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

ACCESSORIES



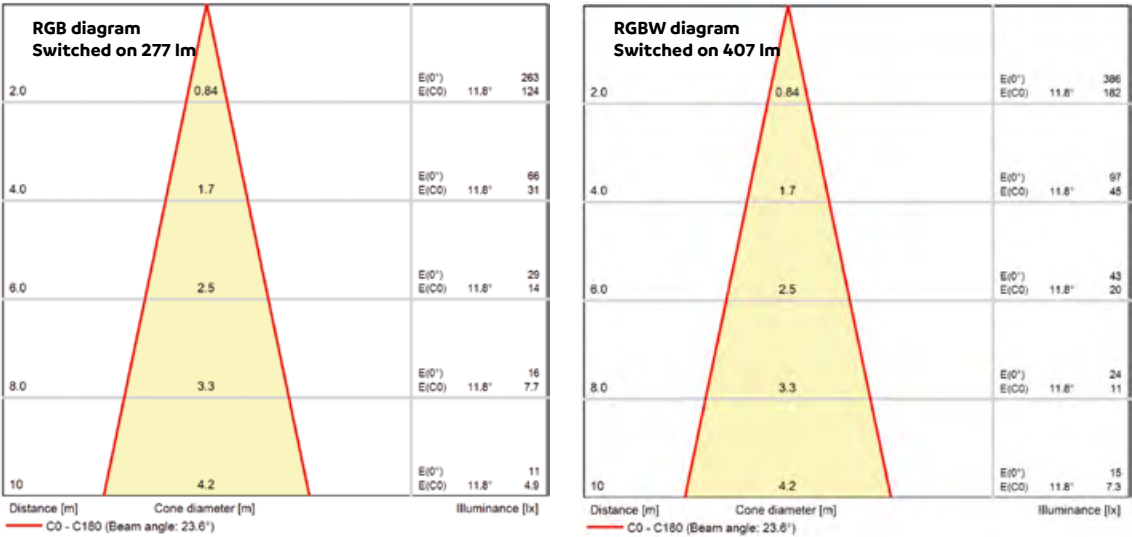
Product	Item no.
Hybrid connection box	> Page 325 56404
Extension cable hybrid/0.5 m/01	> Page 324 89659
Extension cable hybrid/1.5 m/01	> Page 324 76250
Extension cable hybrid/3.0 m/01	> Page 324 50728
Extension cable hybrid/7.5 m/01	> Page 324 56403

Product		Item no.
Distance piece with blind caps	> Page 318	46230
Power connection box 24 V	> Page 314	47930
Underwater LED Driver Compact/DMX/02	> Page 322	70468
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



LIGHTING	
Floor spotlights	ProfiFloor LED
Size	S
Colour	RGB/RGBW
Luminous flux max.	407 lm
Suitable for	Fresh water, pool water and saltwater
Voltage	24 V DC
Control system	DMX/RDM*
Plug and Spray	

* DMX/RDM-enabled with the Underwater LED Driver Compact > Page 322.



TECHNICAL DATA

Product	ProfiFloor LED S RGB/DMX/02	ProfiFloor LED S RGBW/DMX/02
US certificates	MET (C/US)	–
Number of DMX channels	5	6
Luminous flux, all on [lm]	277	407
Luminous flux red [lm]	83	83
Luminous flux green [lm]	148	148
Luminous flux blue [lm]	46	46
Luminous flux white [lm]	–	Approx. 130
Colour temperature LED white [K]	–	4000 (± 200)
Beam angle [°]	25 (± 2)	25 (± 2)
Strobe effect [Hz]	0–25	0–25
Weighted energy consumption [kWh/1000 h]	11	11
Rated voltage	24 V DC	24 V DC
Power consumption [W]	10	13.3
Rated current [A]	0.44	0.59
Dimming frequency [Hz]	2800	2800
Power connection type	Hybrid plug	
Power cable length [m]	1.00	1.00
Protection class	IP68; 4 m	IP68; 4 m
Dimensions (dia. × H) [mm]	109 × 50	75.2 × 70
Material	Stainless steel 1.4404 (AISI 316L)	
Weight [kg]	0.70	0.60
Item no.	72706	91289

Recessed ring spotlights



Solid and powerful ring spotlight for wall or floor mounting



- * When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

 Individual spotlights can be configured via the sales partner

LED Driver Compact/DMX/02

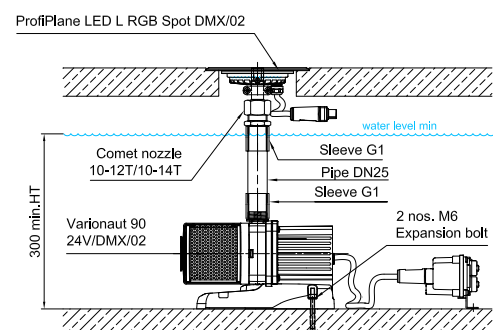
DMX In/out

24V DC

Underwater Power Supply
250/24/01

ProfiPlane LED L
RGB Spot/DMX/02

Extension cable hybrid 3.0m / 7.5m
Max. 1 Extension cable per LED-light



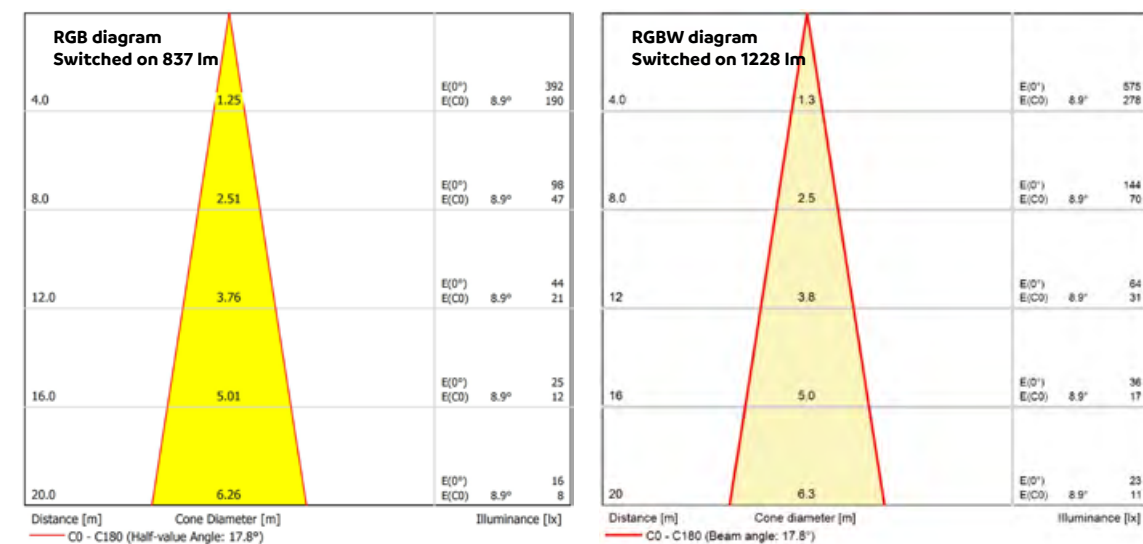
Product		Item no.
Comet 10 - 12 silver	> Page 50	45454
Comet 10 - 14 silver	> Page 50	50723
Comet 10 - 12 T	> Page 52	50968

Product		Item no.
Comet 10 - 14 T	> Page 52	50969
Extension cable hybrid/0.5 m/01	> Page 324	89659
Extension cable hybrid/1.5 m/01	> Page 324	76250
Extension cable hybrid/3.0 m/01	> Page 324	50728
Extension cable hybrid/7.5 m/01	> Page 324	56403
Hybrid connection box	> Page 325	56404
Underwater LED Driver Compact/DMX/02	> Page 322	70468
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750

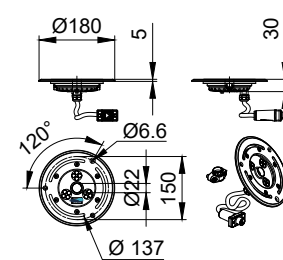
FOUNTAIN TECHNOLOGY



* DMX/RDM-enabled with the Underwater LED Driver Compact > Page 322.



ProfiPlane LED L RGB Spot/DMX/02



ProfiPlane LED L RGBW Spot/DMX/02

Product		ProfiPlane LED L RGB Spot/DMX/02	ProfiPlane LED L RGBW Spot/DMX/02
US certificates		MET (C/US)	–
Number of DMX channels		5	6
Luminous flux, all on	[lm]	837	1228
Luminous flux red	[lm]	240	240
Luminous flux green	[lm]	460	460
Luminous flux blue	[lm]	137	137
Luminous flux white	[lm]	–	391
Light colour LED white	[K]	–	4000 (± 200)
Beam angle	[°]	16 (± 2)	16 (± 2)
Strobe effect	[Hz]	0–25	0–25
Weighted energy consumption	[kWh/1000 h]	24	31.2
Rated voltage		24 V DC	24 V DC
Power consumption	[W]	21	28
Rated current	[A]	0.95	1.27
Dimming frequency	[Hz]	2800	2800
Power connection type		Hybrid plug	
Power cable length	[m]	1.00	1.00
Protection class		IP68; 4 m	IP68; 4 m
Dimensions (dia. × H)	[mm]	180 × 30	180 × 30
Material		Stainless steel 1.4404 (AISI 316L)	
Weight	[kg]	1.60	1.60
Item no.		72707	91290

245

ProfiPlane LED XL RGB

Strongest RGB LED spotlight with flange and central opening

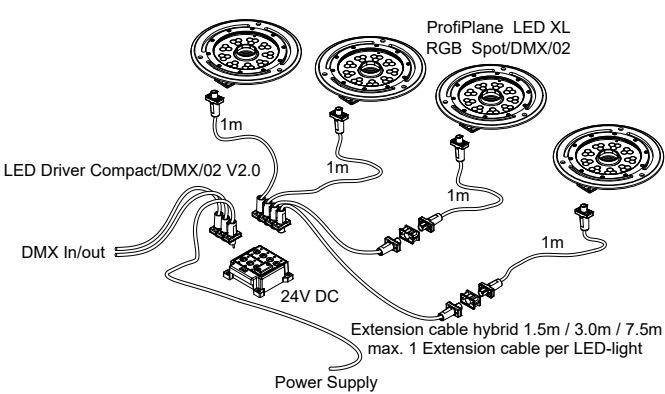
High-quality, robust stainless steel housing for interchangeable thread inlets from LED XL EasyFit 10 and 15 for direct thread connection of various nozzles

Most powerful RGB LED ring spotlight with large opening (51.6 mm diameter) for wall or floor mounting, safe to drive over with weights up to max. 1.5 t, beam angle 11°, 2511 lumens

DMX/RDM-compatible with the Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects

* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

ACCESSORIES



Max. 2 x ProfiPlane LED XL RGB with version 1 of the underwater compact LED driver

Product	Item no.
LED XL EasyFit 10	> Page 268 76458
LED XL EasyFit 15	> Page 268 76459
LED XL EasyFit Noz	> Page 40 76460
Orb Nozzle	> Page 90 77879
Orb nozzle stainless steel	> Page 90 -

Cluster nozzle that finishes flush with the spotlight is also available as an inlet (LED XL EasyFit Noz)



> From page 299

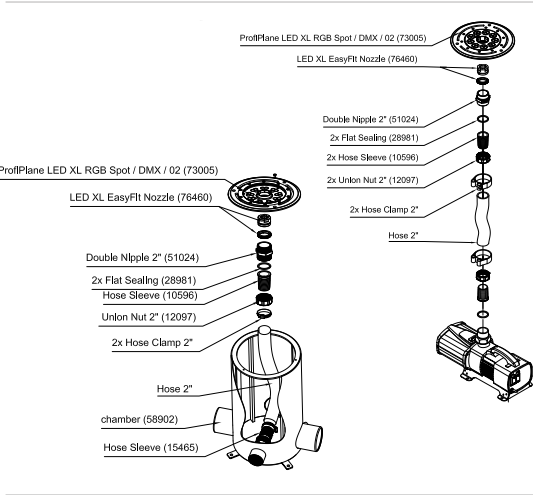
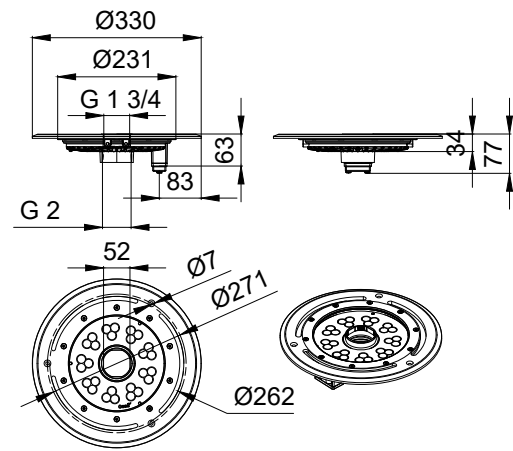
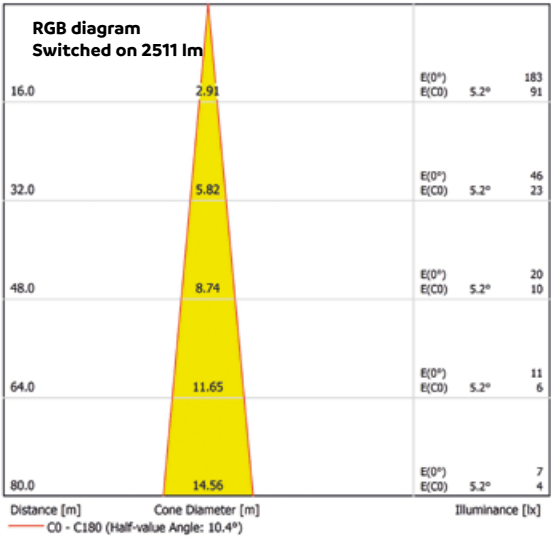
Waterproof to IP68 up to 4 m water depth with patented, waterproof OASE ProNect connector

Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*

Even surface due to stepped-edge glass prevents deposits

Galvanic isolation between DMX and 24 V DC

Individual spotlights can be configured via the sales partner



TECHNICAL DATA

Product	ProfiPlane LED XL RGB Spot/DMX/02
US certificates	MET (C/US)
Number of DMX channels	5
Luminous flux, all on	[lm] 2511
Luminous flux red	[lm] 720
Luminous flux green	[lm] 1380
Luminous flux blue	[lm] 411
Beam angle	[°] 11 (± 2)
Strobe effect	[Hz] 0–25
Weighted energy consumption	[kWh/1000 h] 77
Rated voltage	24 V DC
Power consumption	[W] 70
Rated current	[A] 3.1
Dimming frequency	[Hz] 2800
Power connection type	Hybrid socket
Power cable length	[m] 0.00
Protection class	IP68; 4 m
Pressure-side connection	G 2
Dimensions (dia. x H)	[mm] 330 x 77
Material	Stainless steel 1.4404 (AISI 316L)
Weight	[kg] 6.50
Item no.	73005

LIGHTING
Recessed ring spotlights ProfiPlane LED
Size XL
Colour RGB
Luminous flux max. 2511 lm
Suitable for Fresh water, pool water and saltwater
Voltage 24 V DC
Control system DMX/RDM*
Plug and Spray

* DMX/RDM-enabled with the Underwater LED Driver Compact > Page 322.

SplashKit LED XL RGrBW

Outstanding radiance and unique colour spectrum for splash deck fountains



+ Easy installation via the patented OASE ProNect connector (0.5 m hybrid cable supplied with the LED)

+ Central opening for connecting the Orb Nozzle, drain openings for returning water

+ Virtually unlimited colour spectrum of dark royal blue, green, red and neutral-white 4000 K white

+ Homogeneous illumination of the fountain with uniformly calibrated LEDs

+ Round and square versions for the suspended and integrated design, load capacity up to 20 kN

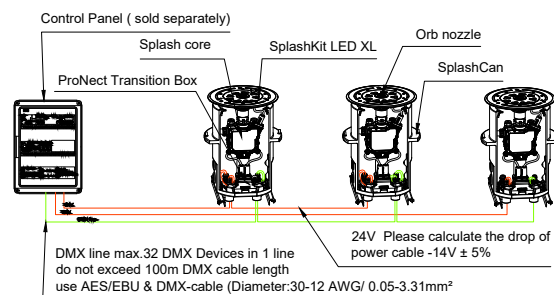
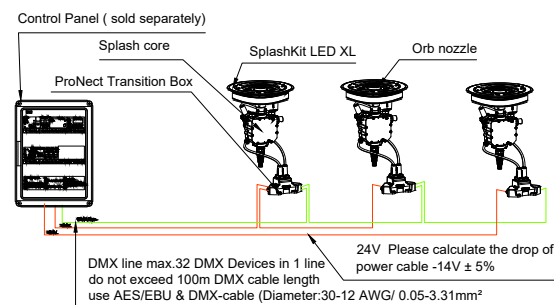
+ Round recessed version for flush-mounted and slip-proof installation in an integrated design, load capacity up to 5 kN

+ Perfectly combinable with all SplashKit components

+ Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*

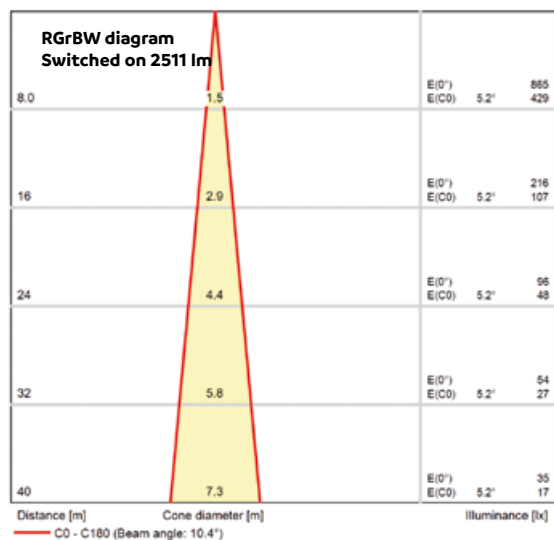
* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

i Individual spotlights can be configured via the sales partner



ACCESSORIES

Product		Item no.
Orb Nozzle	> Page 90	77879
Orb Nozzle Stainless Steel – Comet 10	> Page 90	75184
Orb Nozzle Stainless Steel – Comet 12	> Page 90	75186
Orb Nozzle Stainless Steel – Cluster	> Page 90	75187
Orb Nozzle Stainless Steel – Vulcan	> Page 90	75189
Orb Nozzle Stainless Steel – Calyx	> Page 90	75188
SplashCore/DMX/02	> Page 166	77878
SplashCore NPT/DMX/02	> Page 166	84837
SplashCan	> Page 358	77881
SplashCan NPT	> Page 358	84883
SplashClamp	> Page 359	84840
SplashKit cover round	> Page 359	85654
SplashKit cover square	> Page 359	85655
SplashKit cover recessed	> Page 359	85948



TECHNICAL DATA

Product	SplashKit LED XL RGrBW round /DMX/02	SplashKit LED XL RGrBW square /DMX/02	SplashKit LED XL RGrBW recessed/DMX/02
US certificates	MET (C/US)	MET (C/US)	MET (C/US)
Number of DMX channels	5	5	5
Luminous flux, all on [lm]	2511	2511	2511
Luminous flux red [lm]	720	720	720
Luminous flux green [lm]	1380	1380	1380
Luminous flux royal blue [lm]	411	411	411
Luminous flux white [lm]	391	391	391
Colour temperature [K]	4000 (±200)	4000 (±200)	4000 (±200)
Beam angle [°]	11 (± 2)	11 (± 2)	11 (± 2)
Strobe effect [Hz]	0–25	0–25	0–25
Weighted energy consumption [kWh/1000 h]	77	77	77
Rated voltage	24 V DC	24 V DC	24 V DC
Power consumption [W]	70	70	70
Rated current [A]	3.1	3.1	3.1
Dimming frequency [Hz]	2800	2800	2800
Power connection type	Hybrid socket		
Power cable length [m]	0.50	0.50	0.50
Protection class	IP68	IP68	IP68
Dimensions (dia. × H) [mm]	330 × 63	330 × 63	283 × 63
Material	Stainless steel 1.4571 (AISI 316Ti)		
Weight [kg]	6.30	6.30	6.00
Item no.	77883	84839	84882

Linear spotlights



LED strips

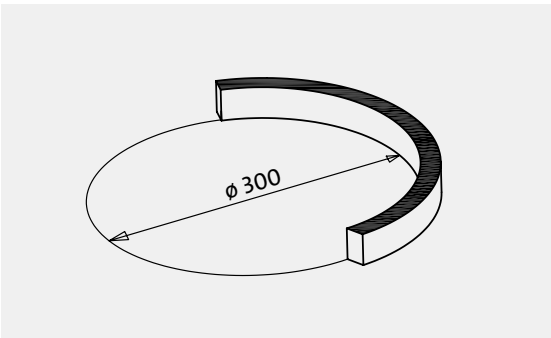
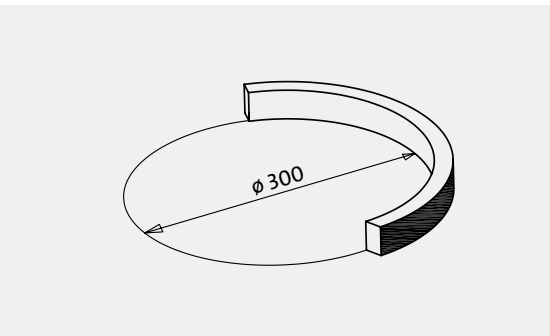
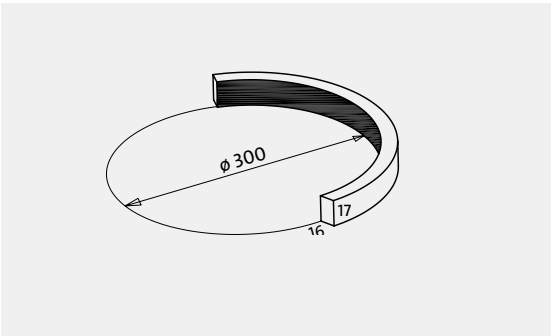
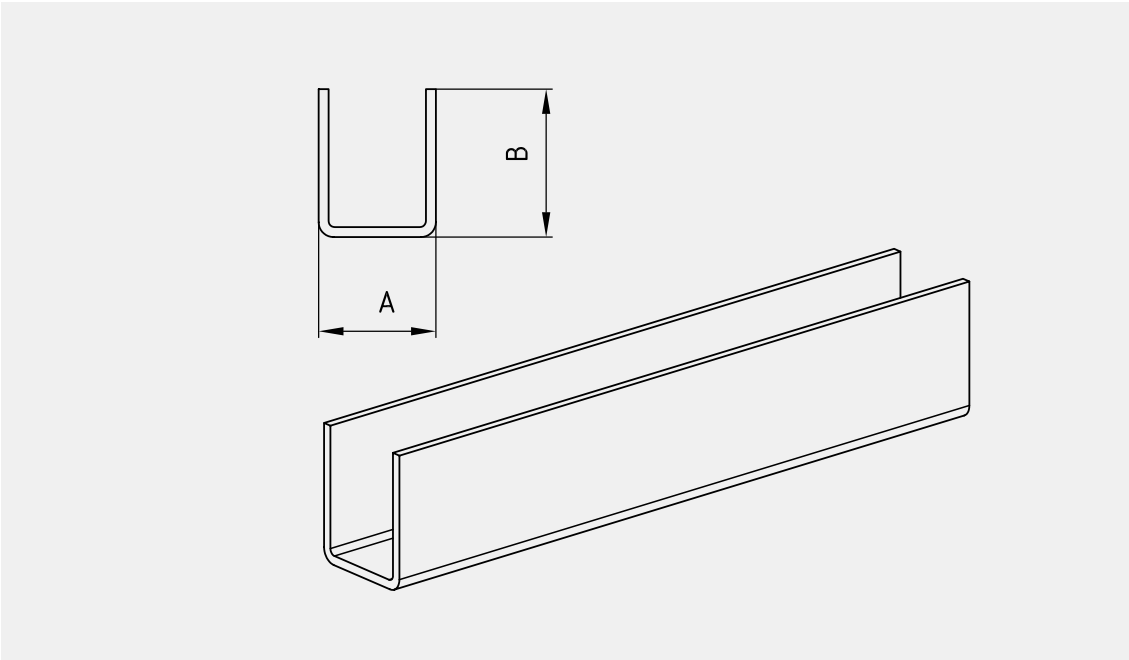
Architectural details with LED strips



- + Indirect lighting with white or RGB LEDs to accentuate architectural elements such as wall edges or overflows
- + Perfectly uniform light source with invisible light points
- + Continuous illumination over lengths of up to 10 m
- + Can be bent in different directions to enable flexible designs
- + Simple assembly with prefabricated mounting profiles
- + UL-certified, CE, TÜV and RoHS-compliant
- + Degree of protection IP68; in addition, each individual LED is protected via the protection circuit
- + High quality SMD LED chip

ACCESSORIES

Product		Item no.
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



i Customised adaptation for the project

TECHNICAL DATA

Product	LED strips
Item no.	58911

LIGHTING

Linear spotlights

LED strips

Colour

RGB(W)/White

Suitable for

Fresh water, pool water and saltwater

Voltage

24 V DC

Control system

DMX/RDM

Plug and Spray

* Saltwater product version on request.

Spotlight modules



LED Modul MDD S

Tailor-made for the MDD S and Swivel S drives

- Precisely fitting LED modules made of high-quality stainless steel for the Multi Directional Drive S and Swivel S effect drives.
-
- Consists of two powerful RGB LED spotlights (2 × ProfiLux Basic LED L RGB Spot/DMX/02) with bracket and Underwater LED Driver Compact/DMX/02

Energy-efficient RGB LED spotlight for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs

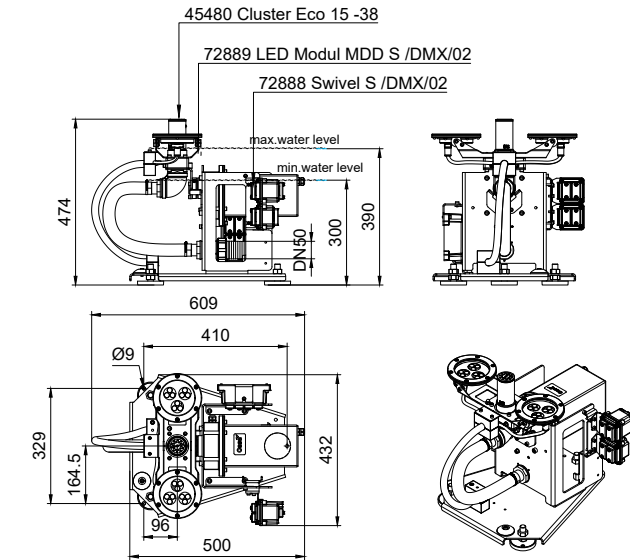
Temperature-controlled, high-quality brand LEDs with a lifetime of up to 50,000 hours*

DMX/RDM-compatible thanks to the Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects

Galvanic isolation between DMX and 24 V DC power

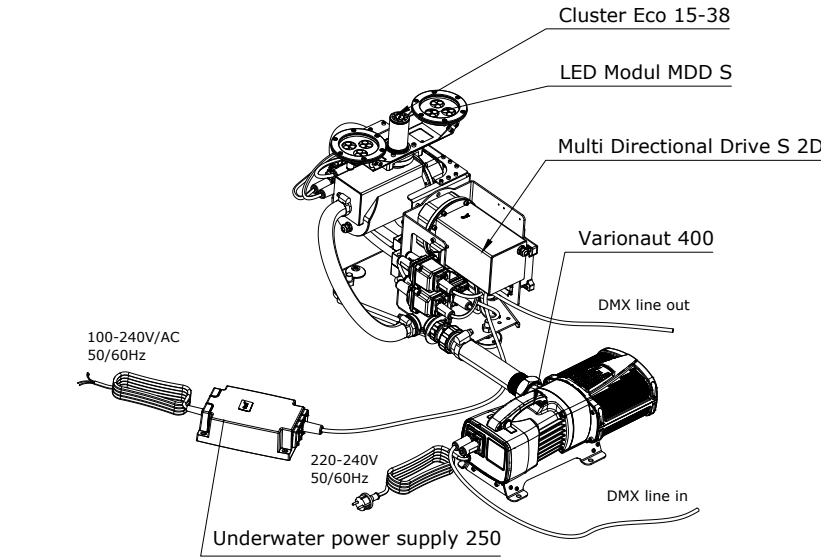
Waterproof to IP68/2 m, with patented, waterproof OASE ProNect connector

* When installed under water, an LED can have a service life of up to 50,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.



ACCESSORIES

Product		Item no.
Swivel S/DMX/02	> Page 128	72888
Underwater LED Driver Compact/DMX/02	> Page 322	70468
Multi Directional Drive S 2D/DMX/02	> Page 134	72887



System illustration

TECHNICAL DATA

Product	LED Modul MDD S /DMX/02
Number of DMX channels	5
Luminous flux, all on	[lm] 1146
Luminous flux red	[lm] 344
Luminous flux green	[lm] 614
Luminous flux blue	[lm] 188
Beam angle	[°] 11 (± 2)
Strobe effect	[Hz] 0-25
Weighted energy consumption	[kWh/1000 h] 13.2
Rated voltage	24 V DC
Power consumption	[W] 24
Rated current	[A] 1.2
Dimming frequency	[Hz] 2800
Protection class	IP68; 2 m
Dimensions (L × W × H)	[mm] 445 × 165 × 116
Material	Stainless steel 1.4404 (AISI 316L)
Weight	[kg] 6.50
Item no.	72889

LED Modul Swivel L

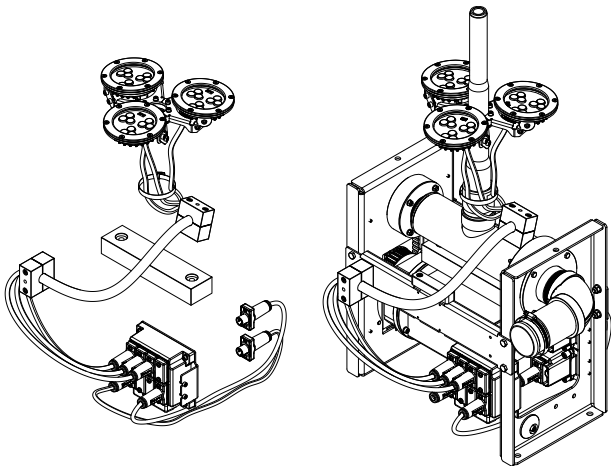
Powerful LED module for the Swivel L drive

- Consists of three powerful RGB LED spotlights (3 × ProfiLux LED L RGB Spot /DMX/02) with bracket and Underwater LED Driver Compact /DMX/02
- Waterproof to IP68 up to 4 m water depth,1 m cable length with patented, waterproof OASE ProNect connector
- High-performance RGB LED spotlight with mounting bracket for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs
- Fitted LED module made of robust, high-quality stainless steel for the Swivel L/DMX/02 drive
- Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*
- DMX/RDM-compatible thanks to the Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects
- Even surface due to stepped-edge glass prevents deposits
- Galvanic isolation between DMX and 24 V DC

* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.

ProNect Connection

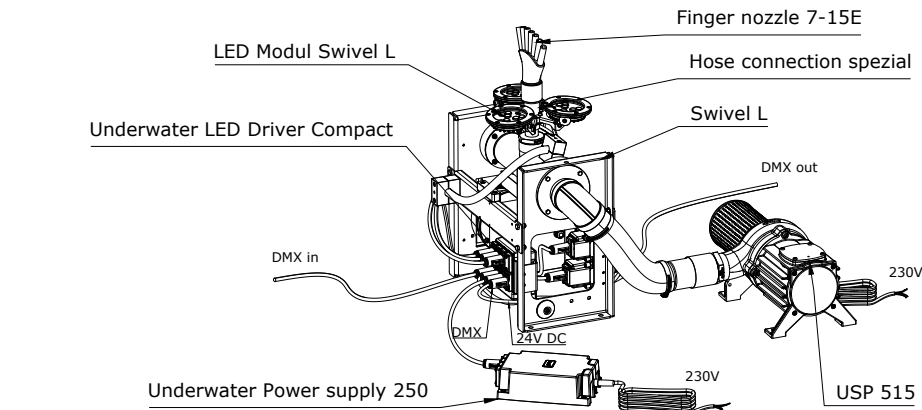
> From page 299



ACCESSORIES

Product	Item no.
Swivel L/DMX/02	71427

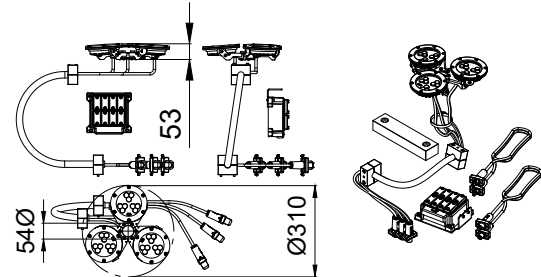
> Page 130



System illustration

TECHNICAL DATA

Product	LED Modul Swivel L /DMX/02
Number of DMX channels	5
Luminous flux, all on	[lm] 2511
Luminous flux red	[lm] 720
Luminous flux green	[lm] 1380
Luminous flux blue	[lm] 411
Beam angle	[°] 11 (± 2)
Strobe effect	[Hz] 0-25
Weighted energy consumption	[kWh/1000 h] 24
Rated voltage	24 V DC
Power consumption	[W] 63
Rated current	[A] 2.85
Dimming frequency	[Hz] 2800
Protection class	IP68; 4 m
Dimensions (dia. × H)	[mm] 310 × 53
Material	Stainless steel 1.4404 (AISI 316L)
Weight	[kg] 12.30
Item no.	73732



LED Modul MDD L

The LED lighting for the Multi Directional Drive L effect drives

- Consists of three powerful RGB LED spotlights (3 × ProfiLux LED L RGB Spot/DMX/02) with bracket and Underwater LED Driver Compact/DMX/02

Waterproof to IP68/4 m, with patented, waterproof OASE ProNect connector

High-performance RGB LED spotlight with mounting bracket for wet and dry installation with consistent coloured illumination due to uniformly calibrated LEDs

Even surface due to stepped-edge glass prevents deposits

ProNect Connection

> From page 299

Galvanic isolation between DMX and 24 V DC power

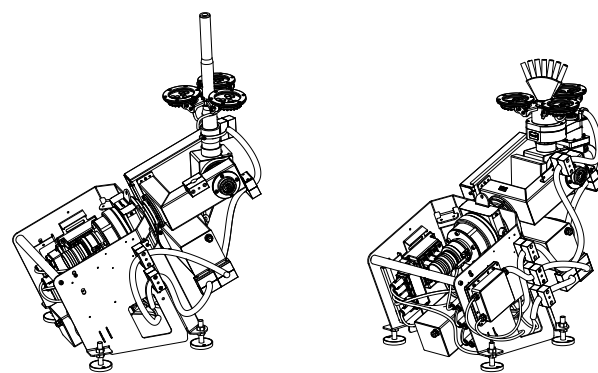
Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*

DMX/RDM-capable thanks to the Underwater LED Driver Compact /DMX/02, dimmable, perfect for strobe effects

Precisely fitting LED module made of robust, high-quality stainless steel for the MDD L 2D and 3D effect drives

* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not

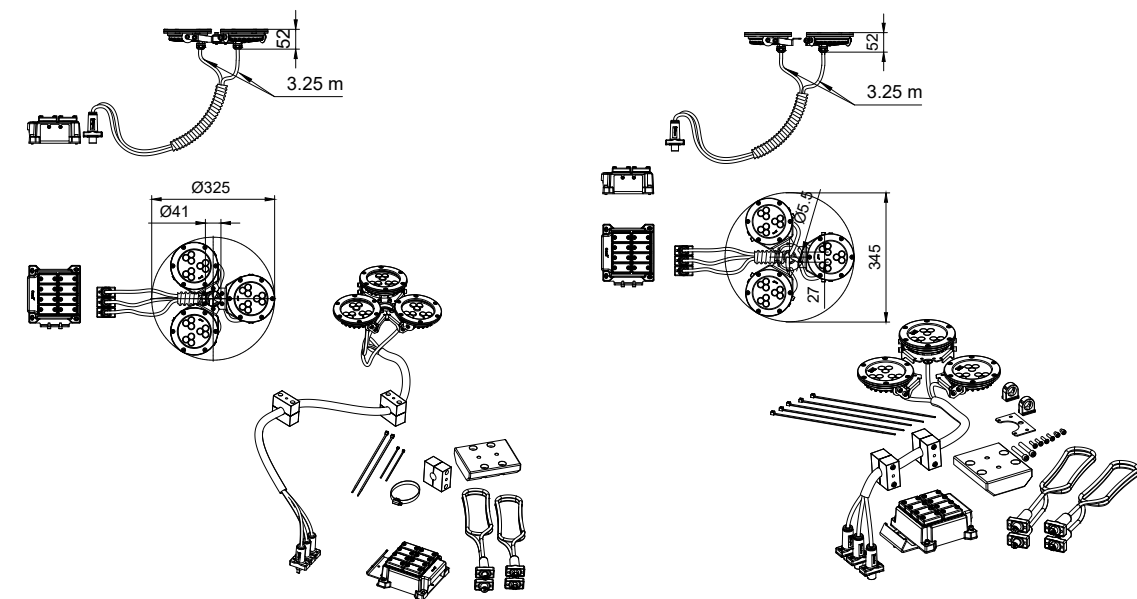
ACCESSORIES



Product		Item no.
Multi Directional Drive L 2D/DMX/02	> Page 138	34318
Multi Directional Drive L 3D/DMX/02	> Page 146	34322



LIGHTING
Spotlight modules
LED Modul MDD
Size
L
Colour
RGB 
Luminous flux max.
2511 lm
Suitable for
Fresh water, pool water and saltwater 
Voltage
24 V DC
Control system
DMX/RDM
Plug and Spray



LED Modul MDD L 2D/DMX/02

LED Modul MDD L 3D/DMX/02

TECHNICAL DATA

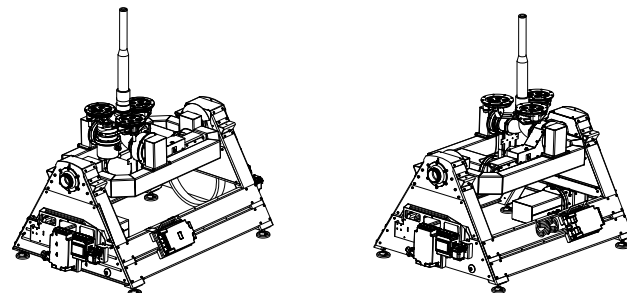
Product	LED Modul MDD L 2D/DMX/02	LED Modul MDD L 3D/DMX/02
Number of DMX channels	5	5
Luminous flux, all on [lm]	2511	2511
Luminous flux red [lm]	720	720
Luminous flux green [lm]	1380	1380
Luminous flux blue [lm]	411	411
Beam angle [°]	11 (± 2)	31 (± 2)
Strobe effect [Hz]	0–25	0–25
Weighted energy consumption [kWh/1000 h]	24	24
Rated voltage	24 V DC	24 V DC
Power consumption [W]	63	63
Rated current [A]	2.85	2.85
Dimming frequency [Hz]	2800	2800
Protection class	IP68; 4 m	IP68; 4 m
Dimensions (dia. × H) [mm]	325 × 52	325 × 52
Material	Stainless steel 1.4404 (AISI 316L)	
Weight [kg]	3.10	3.10
Item no.	70977	70975

LED Modul MDD XL

Energy-efficient LED module for the Multi Directional Drive XL effect drive

-
-
- Consists of three powerful RGBW LED spotlights (3 × ProfiLux LED XL RGBW Spot/DMX/02) with bracket and Underwater LED Driver Compact/DMX/02
-
- LED module made of robust, high-quality stainless steel, optimised for the MDD XL 2D and 3D effect drives
-
- Temperature-controlled, high-quality brand LEDs with a lifetime of up to 100,000 hours*
-
- RGBW LED spotlight with consistent coloured illumination due to uniformly calibrated LEDs incl. bracket for wet and dry installation
-
- ProNect
Connection**
- > From page 299
-
- Galvanic isolation between DMX and 24 V DC
-
- Even surface due to stepped-edge glass prevents deposits
-
- DMX/RDM compatible thanks to Underwater LED Driver Compact/DMX/02, dimmable, perfect for strobe effects
-
- Waterproof to IP68 up to 4 m water depth, with patented, waterproof OASE ProNect connector

ACCESSORIES



Product		Item no.
Multi Directional Drive XL 2D/DMX/02	> Page 142	45076
Multi Directional Drive XL 3D/DMX/02	> Page 150	46982

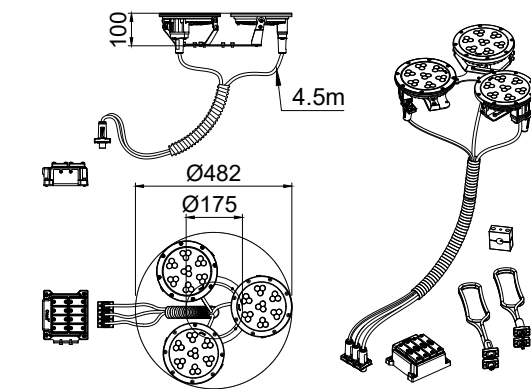
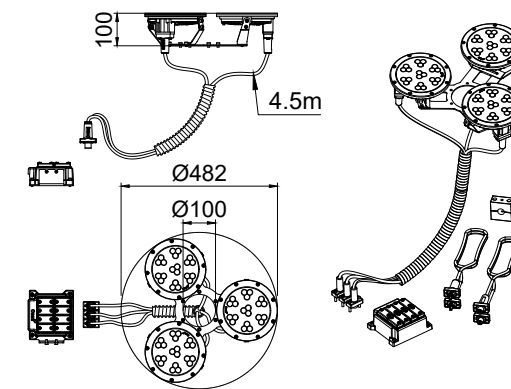
* When installed under water, an LED can have a service life of up to 100,000 hours thanks to intelligent heat management and the use of a quality brand LED. This endorsement is not relevant for the warranty.



LED Modul MDD XL 2D/DMX/02



LED Modul MDD XL 3D/DMX/02



TECHNICAL DATA

Product		LED Modul MDD XL 2D/DMX/02	LED Modul MDD XL 3D/DMX/02
Number of DMX channels		6	6
Luminous flux, all on	[lm]	6195	6195
Luminous flux red	[lm]	1440	1440
Luminous flux green	[lm]	2760	2760
Luminous flux blue	[lm]	822	822
Luminous flux white	[lm]	1173	1173
Colour temperature LED white	[K]	4000 (± 200)	4000 (± 200)
Colour rendering index	[%]	80	80
Beam angle	[°]	11 (± 2)	31 (± 2)
Strobe effect	[Hz]	0–25	0–25
Weighted energy consumption	[kWh/1000 h]	55	24
Rated voltage		24 V DC	24 V DC
Power consumption	[W]	150	150
Rated current	[A]	6.6	6.6
Dimming frequency	[Hz]	2800	2800
Protection class		IP68; 4 m	IP68; 4 m
Dimensions (dia. × H)	[mm]	482 × 100	482 × 100
Material		Stainless steel 1.4404 (AISI 316L)	
Weight	[kg]	12.00	12.00
Item no.		45077	48638

OASE LIVING WATER

Floating fountain illumination

Radiant illumination for the OASE floating fountains

- Compact and powerful: for brilliant illumination of the PondJet Eco as well as MIDI II, MAXI II and AirFlo
- Robust spotlight with patented ProNect underwater connection technology
- Optionally as warm white (2700 K) or as RGB version
- Waterproof to IP68: Spotlights, controllers and cables suitable for permanent underwater use up to 4 m (only the controller cannot be used underwater in swimming ponds due to regulations)
- RGB effects controllable via OASE Control app or via WECS® III 512/DMX/02, WECS® III 1024/DMX/02. A Garden Controller Home/Cloud or InScenio FM-Master Home/Cloud is required to use the OASE Control app.
- The lighting set includes three spotlights each, as well as the corresponding controller and power supply including a 20 m cable



TECHNICAL DATA

Product	Floating illumination lighting set RGB	LED floating illumination lighting white
Luminous flux, all on	[lm] 3 × 213	–
Luminous flux red	[lm] 3 × 64	–
Luminous flux green	[lm] 3 × 114	–
Luminous flux blue	[lm] 3 × 35	–
Luminous flux white	[lm] –	3 × 580
Colour temperature LED white	[K] –	2700
Beam angle	[°] 25	30
Strobe effect	[Hz] 25	–
Weighted energy consumption per lamp	[kWh/1000 h] 6.6	6.4
Rated voltage (primary, secondary)	230 V/50 Hz, 24 V DC	230 V/50 Hz, 24 V DC
Power consumption	[W] 19	19
Dimming frequency	[Hz] 2.8	–
Cable length	20.00 m, other cable lengths on request	20.00 m, other cable lengths on request
DMX connection	2 × (1 × input/1 × output)	–
Protection class	IP68	IP68
Dimensions (dia. × H)	[mm] 80 × 117	80 × 117
Material	Stainless steel/plastic	Stainless steel/plastic
Weight	[kg] 8.80	5.60
Suitable for	PondJet Eco; MIDI II 1.1 kW/230 V; MAXI II 4.0 kW/400 V; AirFlo	PondJet Eco; MIDI II 1.1 kW/230 V; MAXI II 4.0 kW/400 V; AirFlo
Included in delivery	3 × ProfiLux Garden LED RGB light 1 × ProfiLux Garden LED controller 3 × spotlight bracket 1 × bracket for LED controller 20 m DMX cable	3 × LunAqua Power LED light 1 × LunAqua Power LED driver 3 × spotlight bracket 1 × bracket for LED driver
Item no.	42641	42637

LIGHTING
Spotlight modules
Floating Illumination lighting
Colour
RGB/white
Luminous flux max.
2700 lm
Suitable for
Fresh water
Voltage
220–240 V
Frequency
50 Hz
Plug and Spray

Accessories



Spotlight thread inserts

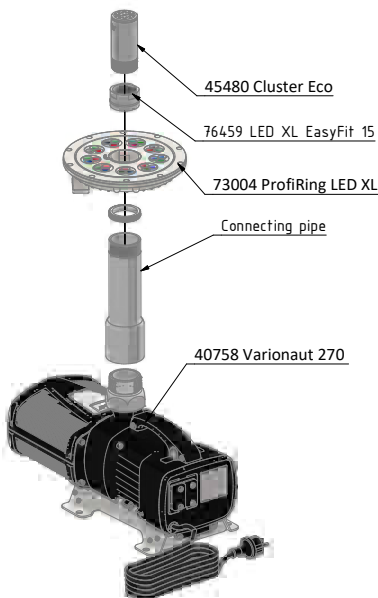
Quick installation, long service life

⊕ Threaded connection G 2 on the spotlight for nozzle pressure connection remains accessible

⊕ Threaded insert made of robust, high-quality stainless steel

⊕ Threaded inlet with O-ring and lock ring for fixing the inlet

⊕ Suitable for spotlights
ProfiRing LED XL RGB Spot /DMX/02 and
ProfiPlane LED XL RGB Spot /DMX/02

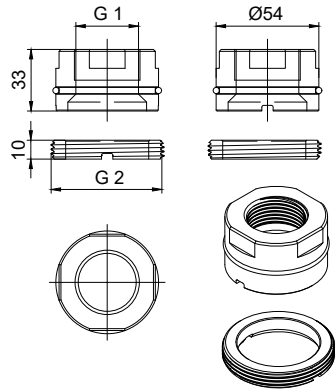


COMPATIBLE WITH

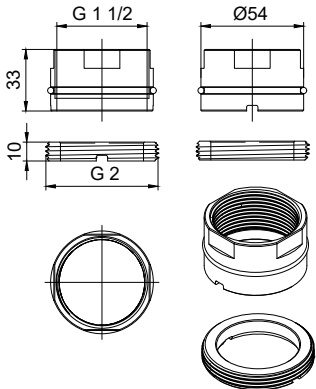
Product		Item no.
ProfiRing LED XL RGB Spot/DMX/02	> Page 236	73004
ProfiPlane LED XL RGB Spot/DMX/02	> Page 246	73005



LIGHTING
Accessories
Spotlight thread
inserts



LED XL EasyFit 10



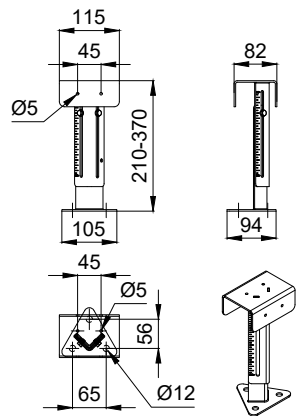
LED XL EasyFit 15

TECHNICAL DATA

Product	LED XL EasyFit 10	LED XL EasyFit 15
Pressure-side connection	G 1	G 1 ½
Dimensions (dia. × H)	[mm] 54 × 33	54 × 33
Material	Stainless steel 1.4404 (AISI 316L)	
Weight	[kg] 0.34	0.15
Item no.	76458	76459

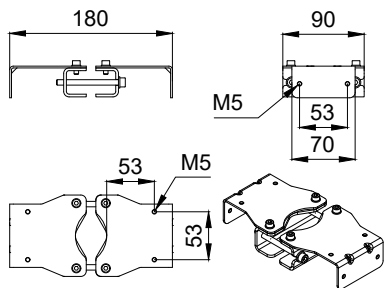
Spotlight bracket

LED BASE



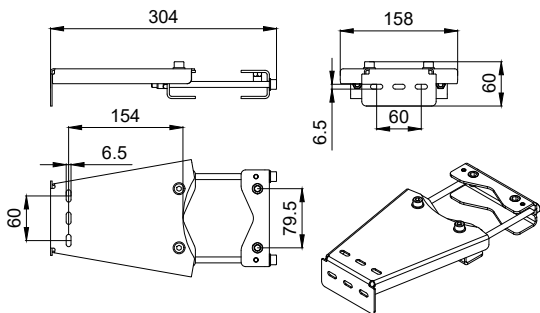
Product	LED base
Dimensions (L × W × H) [mm]	115 × 82 × 370
Material	Stainless steel 1.4571 (AISI 316Ti)
Weight [kg]	1.30
Product properties	> Simple and safe floor mounting of one or two spotlights > For fresh water, pool water or saltwater > Suitable for ProfiLux LED S, L and XL spotlights
Item no.	93299

LED HOLDER 2 S



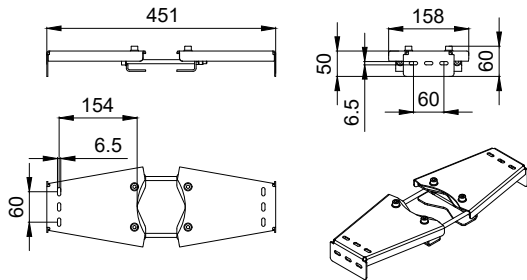
Product	LED holder 2 S
Dimensions (L × W × H) [mm]	180 × 90 × 60
Material	Stainless steel 1.4571 (AISI 316Ti)
Weight [kg]	0.60
Clamping range	1" to 2"
Product properties	> Quick, easy and safe mounting of one to two ProfiLux LED S spotlights around a nozzle pipe > For fresh water, pool water or saltwater
Item no.	93298

LED HOLDER 1 L-XL



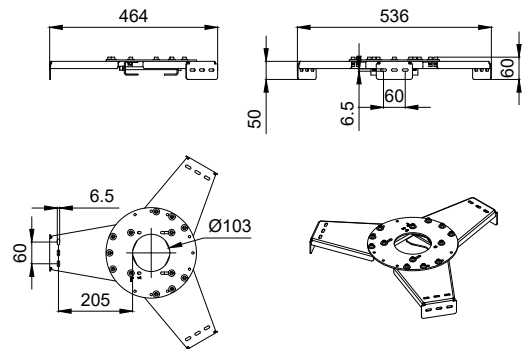
Product	LED holder 1 L-XL
Dimensions (L × W × H) [mm]	304 × 158 × 60
Material	Stainless steel 1.4571 (AISI 316Ti)
Weight [kg]	1.30
Clamping range	1" to 3" sleeves incl. dia. = 99 mm Minimum diameter 35 mm
Product properties	> Quick, easy and safe mounting around a nozzle pipe – suitable for a ProfiLux LED L or XL spotlight > For fresh water, pool water or saltwater
Item no.	93294

LED HOLDER 2 L-XL



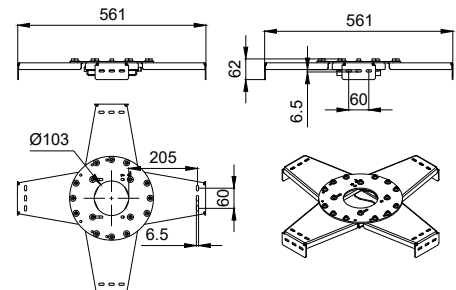
Product	LED holder 2 L-XL
Dimensions (L × W × H) [mm]	451 × 158 × 60
Material	Stainless steel 1.4571 (AISI 316Ti)
Weight [kg]	1.90
Clamping range	1" to 3" sleeves incl. dia. = 99 mm Minimum diameter 35 mm
Product properties	> Quick, easy and safe mounting around a nozzle pipe – suitable for two ProfiLux LED L or XL spotlights > For fresh water, pool water or saltwater
Item no.	93295

LED HOLDER 3 L-XL



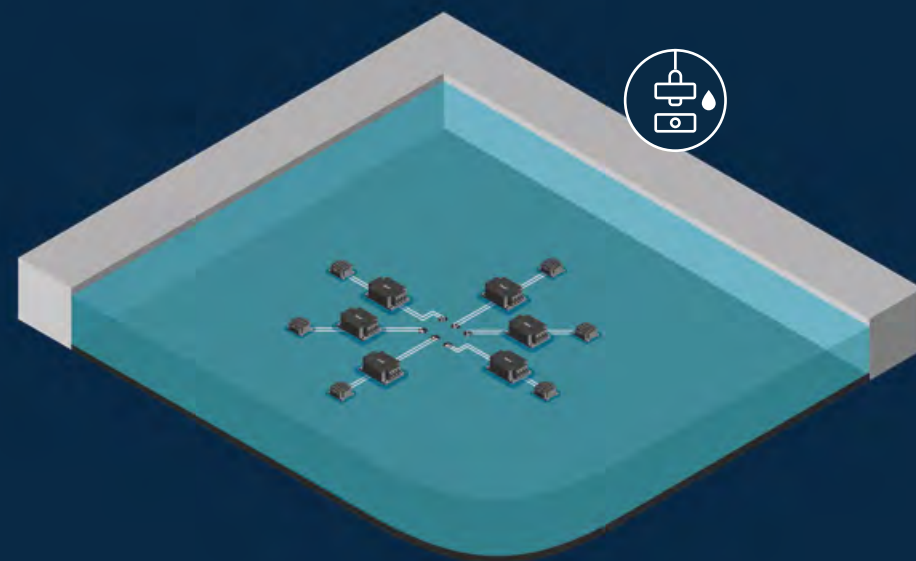
Product	LED holder 3 L-XL
Dimensions (L × W × H) [mm]	536 × 464 × 60
Material	Stainless steel 1.4571 (AISI 316Ti)
Weight [kg]	3.90
Clamping range	1 ½" to 3" incl. dia. = 99 mm
Product properties	> Quick, easy and safe mounting around a nozzle pipe – suitable for three ProfiLux LED L or XL spotlights > For fresh water, pool water or saltwater
Item no.	93296

LED HOLDER 4 L-XL



Product	LED holder 4 L-XL
Dimensions (L × W × H) [mm]	561 × 561 × 62
Material	Stainless steel 1.4571 (AISI 316Ti)
Weight [kg]	4.50
Clamping range	1 ½" to 3" incl. dia. = 99 mm
Product properties	> Quick, easy and safe mounting around a nozzle pipe – suitable for four ProfiLux LED L or XL spotlights > For fresh water, pool water or saltwater
Item no.	93297

The digital path to success



Working in the background, they ensure that the whole show runs according to plan: These are the components that guarantee a reliable power supply and facilitate digital control. The ProNect IP68-rated connectors developed and patented by OASE, for example, make installation much easier and are guaranteed to be waterproof to a depth of 4 metres.

Thanks to DMX/RDM control of pumps, fountains and LEDs, the entire system can be programmed, controlled and monitored digitally – and even remotely, using the innovative OASE WECS® controller.

Power & programming

FOUNTAIN CONTROL



WECS® III Controller

> Page 282



WECS® III Node

> Page 284



WECS® III Multimedia Controller D2

> Page 286



Water Entertainment Programming Software

> Page 292



Depence software licences

> Page 294

SHOW PROGRAMMING

POWER SUPPLY



Underwater power supply

> Page 300



Switch-mode power supply

> Page 302



Underwater switch

> Page 304



Underwater cable clamp connectors

> Page 306



JunctionBox

> Page 307



Power splice 20

> Page 308



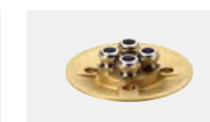
Power splice 43

> Page 309



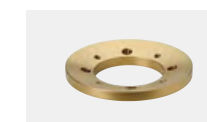
Cable transition 1-2

> Page 310



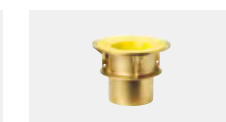
Cable transition 4-12

> Page 311



Liner clamping flange T KD

> Page 311



Concrete part T

> Page 311



Connecting cable 24 V

> Page 312



PowerBox 24 V

> Page 313



Power connection box 24 V

> Page 314



ProNect Transition Box

> Page 315

DMX CONNECTION



Connecting cable DMX/01

> Page 318



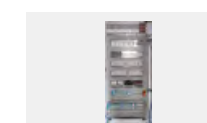
DMX-Box/01

> Page 319



Switchgears

> Page 328



Custom switchgears

> Page 329

SWITCHGEARS

POWER & DATA LED



LED driver

> Page 322



Hybrid connecting cables

> Page 324

FOUNTAIN MONITORING



Hybrid connection box

> Page 325



Water level sensors

> Page 332



Electronic water level controllers

> Page 334



Solenoid valves

> Page 335



Wind-dependent fountain switch-off

> Page 336



Remote maintenance solutions

> Page 337

MORE INFORMATION

Power & programming overview > Page 275

Guide to show controllers > Page 278

Guide to WECS® > Page 280

Guide to show programming > Page 290

OASE ProNect > Page 299



POWER & PROGRAMMING OVERVIEW

Product	Suitable for			Voltage	Frequency	Control system	Plug and Spray	Page
	Fresh water	Pool water	Salt-water					
Fountain control								
WECS® III Controller				24 V DC		DMX/RDM		282
WECS® III Node				24 V DC		DMX/RDM		284
WECS® III Multimedia Controller D2				220–240 V/ 110–120 V	50 Hz/60 Hz	DMX/RDM	•	286
Show programming								
Water entertainment programming software								292
Depence software licences								294
Power supply								
Underwater power supply	💧	💧	💧	220–240 V, 110–120 V, 24 V DC	50 Hz/60 Hz		•	300
Switch-mode power supply				85–265 V AC, 24 V DC	50 Hz/60 Hz			302
Underwater switch	💧	💧	💧	24 V DC		DMX/RDM	•	304
Underwater cable clamp connectors	💧			220–240 V/400 V/ 110–120 V, 12 V AC, 24 V DC	50 Hz/60 Hz	DMX/RDM		306
JunctionBox	💧			220–240 V/400 V/ 110–120 V, 12 V AC, 24 V DC	50 Hz/60 Hz	DMX/RDM		307
Power splice 20	💧	💧	💧	220–240 V/400 V/ 110–120 V, 12 V AC, 24 V DC	50 Hz/60 Hz	DMX/RDM		308
Power splice 43	💧	💧	💧	220–240 V/400 V/ 110–120 V, 12 V AC, 24 V DC	50 Hz/60 Hz	DMX/RDM		309
Cable transition 1–2	💧			220–240 V/400 V/ 110–120 V, 12 V AC, 24 V DC	50 Hz/60 Hz	DMX/RDM		310
Cable transition 4–12	💧			220–240 V/400 V/ 110–120 V, 12 V AC, 24 V DC	50 Hz/60 Hz	DMX/RDM		311
Liner clamping flange T KD	💧			220–240 V/400 V/ 110–120 V, 12 V AC, 24 V DC	50 Hz/60 Hz	DMX/RDM		311
Connecting cable 24 V	💧	💧	💧	24 V DC			•	312
PowerBox 24 V	💧	💧	💧	24 V DC			•	313
Power connection box 24 V	💧	💧	💧	24 V DC			•	314
ProNect Transition Box	💧	💧	💧	24 V DC		DMX/RDM	•	315
DMX connection								
Connecting cable DMX/01	💧	💧	💧			DMX/RDM	•	318
DMX-Box/ 01	💧	💧	💧			DMX/RDM	•	319
Power & data LED								
Underwater LED driver compact	💧	💧	💧	24 V DC		DMX/RDM	•	322
Hybrid connecting cables	💧	💧	💧	24 V DC		DMX/RDM	•	324
Hybrid connection box	💧	💧	💧	24 V DC		DMX/RDM	•	325
Switchgears								
Switchgears				220–240 V	50 Hz			328
Custom switchgears				220–240 V/ 110–120 V	50 Hz/60 Hz			329
Fountain monitoring								
Water level sensors	💧	💧						332
Electronic water level controllers				220–240 V/ 110–120 V	50 Hz/60 Hz			334
Solenoid valves	💧			24 V DC				335
Wind-dependent fountain switch-off				24 V DC				336
Remote maintenance solutions				24 V DC				337

Fountain control



The next generation of show controllers – from small fountains to large multimedia systems

The WECS® III controllers are the masterminds behind every fountain system. After all, the primary task of a fountain controller is to implement a programmed fountain show – in which effects of water, light and music interplay in a captivating way – with precision and pinpoint accuracy.

Small fountain installations



Perfect for smaller fountain installations with simple fountain effects, or even for building lighting fixtures that are individually controlled. New effect sequences even after long periods of time keep displays looking fresh and exciting.



WECS® III 512/DMX/02

84966

> Page 282

Medium fountain installations



For medium-sized installations with more components for much more variation in water and light creations – including the possibility of adding music to smaller shows (in sync with the effects).



WECS® III 1024/DMX/02

84967

> Page 282

Multimedia fountain installations



For highly complex shows that combine spectacular fountain arrangements with video projections, 3D laser shows, special effects or other multimedia formats.



WECS® III MULTIMEDIA CONTROLLER D2

58976

> Page 286



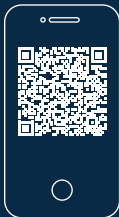
WECS® III NODE/DMX/02 FOUNTAIN EXPANSIONS

An ideal addition for the controllers if a large number of additional end devices with a DMX/RDM signal need to be connected or are required to be controlled over longer distances (e.g. in secondary pools).

> Page 284



Power & Programming



More about the product!

Premium performance in every dimension

WECS® – these four letters represent an entire system: the Water Entertainment Control System. It offers incredible possibilities for controlling fountain systems with a variety of technology and components, while simultaneously choreographing them with the programmable show software. These units are true all-rounders with cutting-edge benefits.



- ONE FOR ALL**

All WECS® controllers are stand-alone devices; no additional PC or other hardware is required.
- LONG-TERM PERSPECTIVES**

Thanks to their connectivity, adaptability and expansion possibilities, the WECS® controllers are already well equipped for the future.

- FULL CONTROL IN PLANNING**

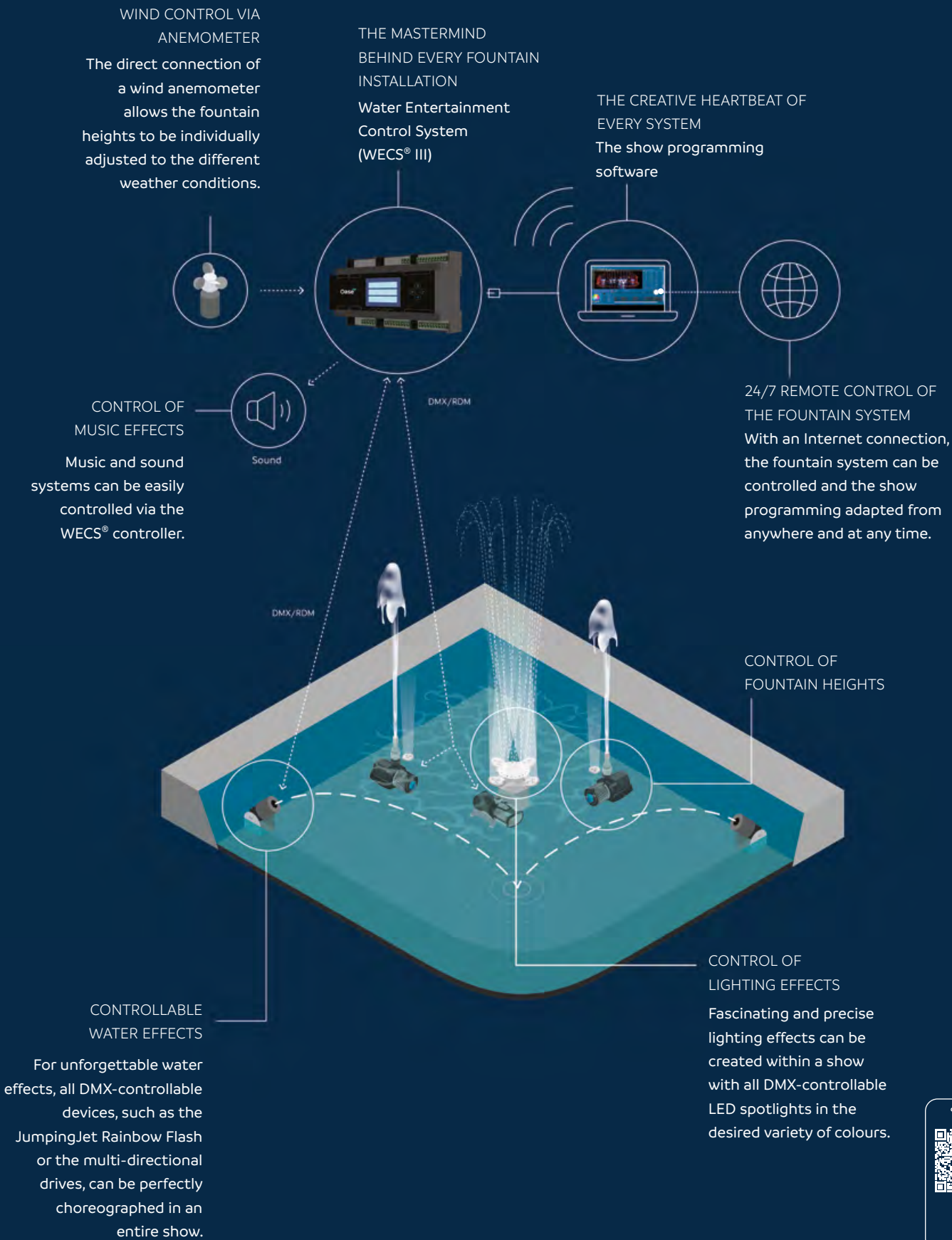
With the Depence² software, complete shows can be visualised and fully animated in 3D and in real time with precise fountain and light effects as well as choreographic sequences.
- UNLIMITED USE**

Due to the open operating system, DMX devices from other manufacturers can also be controlled – even if these are already installed in existing systems.
- INNOVATIVE POSSIBILITIES**

Thanks to the fast Ethernet data transfer, new usage options are feasible – for example, interactions from viewers via mobile apps
- SOFTWARE FOR THE HIGHEST DEMANDS**

The control software used for the controllers is used worldwide for major stage shows such as concerts and musicals – and has been specially configured for fountain shows.

The Water Entertainment Control System in a fountain system



More about
the product!

WECS® III Controller

The latest generation of intelligent fountain control:
The OASE Water Entertainment Control System III

- +

Stand-alone entertainment DMX/RDM controller for fountain lighting systems
- +

Additional Ethernet port for system expansion for the WECS® III node/DMX/02
- +

Large and clear colour display for convenient operation
- +

Regular software and firmware updates available – via Ethernet, USB, SD card
- +

For enthralling fountain shows: precise control and coordination of all fountain system components, accurate to the second
- +

At the same time, the bi-directional DMX/RDM connection provides operational status information
- +

512 to 1024 DMX channels, depending on the model
- +

Four DMX/RDM ports
- +

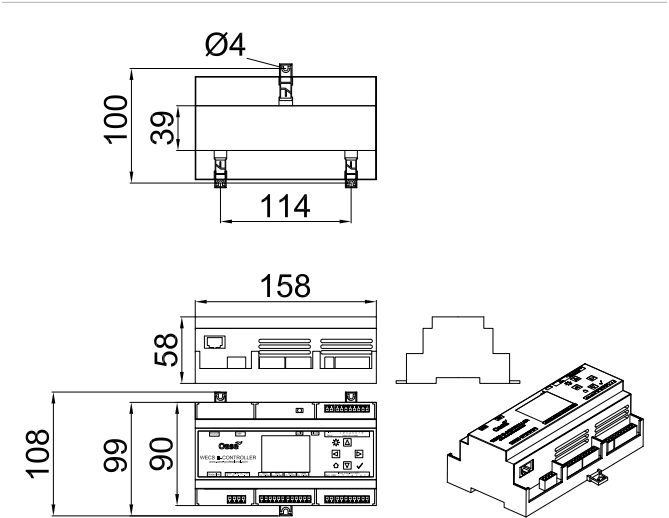
Timer: Implement daily, weekly and annual schedules
- +

Sunrise and sunset function: Implement sunrise and sunset actions
- +

24/7 remote access possible through the integrated web server

ACCESSORIES

Product		Item no.
Anemometer K	> Page 336	53913
WECS® III Node/DMX/02	> Page 284	84969
Power supply 85/265V AC/24V DC60W/2.5A	> Page 302	43524
WECS® LTE router	> Page 337	43872



WECS III

Home Live Panel RDM Files Nodes Settings Log Off

Audio: RealTime 2.000

Oase

WECS III – Controller

www.oase-professional.com

Nodes: 1/22

Nodes: 104/105

Anemometer: 8 m/s

Nodes: 1/22

Nodes: 104/105

Anemometer: 8 m/s

DMX/RDM Status:

WECS	Port 1	Port 2	Port 3	Port 4
Controller	22/22	32/32	0/0	0/0
Node 1	21/22	0/0	0/0	0/0
Node 2	0/0	0/0	10/10	10/10

Windmaster:

Windmaster	Windmaster 1	Windmaster 2	Windmaster 3	Windmaster 4
0 m/s	100 %	100 %	100 %	100 %

Master:

Coastmaster	Submaster 1	Submaster 2	Submaster 3	Submaster 4
100 %	100 %	100 %	100 %	100 %

1 2 3 4 5 6 7

Oase

WECS III – Controller

www.oase-professional.com

13 12 11 11 10 9 8

1. Ethernet, 10/100 Mbit, RJ45

2. USB 2.0

3. IPS display

4. Stereo audio output, AUX

5. MicroSD card slot

6. 24 V DC (+, -)

7. Digital outputs, 8x

8. Digital inputs, 8x

9. GND

10. Display and controls

11. DMX lines 1–4

12. 24 V DC (+, -)

13. Node Link, 1000 Mbit, RJ45

TECHNICAL DATA

Product		WECS® III 512/DMX/02	WECS® III 1024/DMX/02
Dimensions (L x W x H)	[mm]	158 x 94 x 58	158 x 94 x 58
Rated voltage		24 V DC	24 V DC
Rated current	[A]	0.42	0.42
Power consumption max.	[W]	10	10
Protection class		IP20 (power supply)	IP20 (power supply)
Ambient temperature	[°C]	0–40	0–40
Permissible humidity (no condensation)	[%]	0–80	0–80
Number of digital inputs (galvanically isolated)	[Unit]	8	8
Number of digital outputs (galvanically isolated)	[Unit]	8	8
Number of audio outputs, AUX, stereo (galvanically isolated)	[Unit]	0	1
Number of DMX/RDM lines	[Unit]	4	4
Number of DMX channels	[Unit]	512	1024
Number of Ethernet interfaces 10/100 Mbit		1 x RJ45	1 x RJ45
Number of Node Link interfaces 100/1000 Mbit		1 x RJ45	1 x RJ45
Number of USB 2.0 interfaces	[Unit]	1	1
Number of microSD card interfaces (FAT32, max. 32 GB)	[Unit]	1	1
Display type		IPS	IPS
Display resolution	[px]	240 x 320	240 x 320
Weight	[kg]	0.40	0.40
Item no.		84966	84967

POWER &
PROGRAMMING

Fountain control
WECS®
III Controller

Voltage
24 V DC

Control system
DMX/RDM



More about
the product!

WECS® III Node

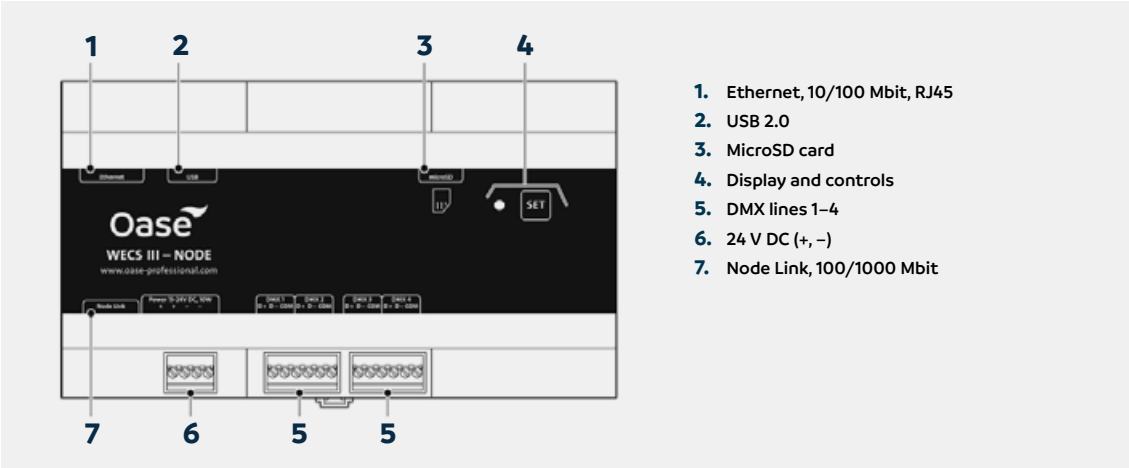
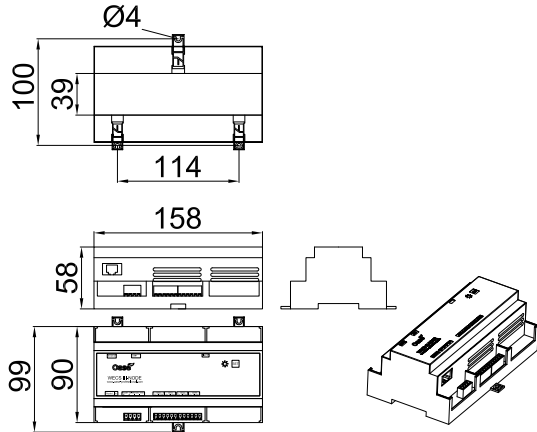
Easily connect additional DMX/RDM terminals

- Smart node for WECS® III controllers for expanding the control system (master-slave operation)
- For expanding the control by four additional DMX/RDM lines in a fountain system or to control a secondary pool
- Control via Ethernet using the WECS® III controller
- Signals are transferred faster and with the highest precision without breaking the system
- Easy forwarding of large amounts of DMX/RDM data over a high-speed Ethernet connection via optical fibre up to 1 km
- 16 node devices can be connected within a system
- Supports up to 2048 DMX-RDM channels directly (four universes)
- Regular software and firmware updates available – via Ethernet, USB, SD card
- 24/7 remote access possible through the integrated web server



ACCESSORIES

Product		Item no.
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



TECHNICAL DATA

Product	WECS® III Node/DMX/02	
Dimensions (L × W × H)	[mm]	158 × 94 × 58
Rated voltage		24 V DC
Rated current	[A]	0.42
Power consumption max.	[W]	10
Protection class		IP20 (power supply)
Ambient temperature	[°C]	0–40
Permissible humidity (no condensation)	[%]	0–80
Number of digital inputs (galvanically isolated)	[Unit]	0
Number of digital outputs (galvanically isolated)	[Unit]	0
Number of audio outputs, AUX, stereo (galvanically isolated)	[Unit]	0
Number of DMX/RDM lines	[Unit]	4
Number of DMX channels	[Unit]	2048
Number of Ethernet interfaces 10/100 Mbit		1 × RJ45
Number of Node Link interfaces 100/1000 Mbit		1 × RJ45
Number of USB 2.0 interfaces	[Unit]	1
Number of microSD card interfaces (FAT32, max. 32 GB)	[Unit]	1
Display type		IPS
Display resolution	[px]	240 × 320
Weight	[kg]	0.40
Item no.		84969

POWER & PROGRAMMING
Fountain control WECS® III Node
Voltage 24 V DC
Control system DMX/RDM



More about the product!

WECS® III Multimedia Controller D2

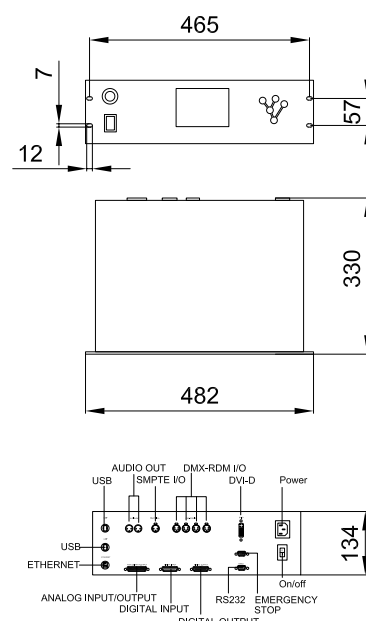
The perfect solution for larger installations with complex light and water effects or for sophisticated shows with musical accompaniment.

- The diagram shows a black, rectangular Entertainment Control System unit. It features a central 7" touch display showing a control interface with various buttons and status indicators. Surrounding the unit are several callouts, each marked with a blue circle containing a white plus sign, describing key features:

 - Control of up to 4096 channels – individual expansion possible**: Points to the left side of the unit.
 - Master-slave operation for expansion with WECS® III node or with WECS® III controller for additional I/Os**: Points to the bottom left of the unit.
 - Setting the maximum fountain heights**: Points to the bottom left of the unit.
 - Scheduler; BMI logic automation; timecode synchronisation; PLC control; NDI video output; direct I/O output to control VFDs**: Points to the top of the unit.
 - Options for connection to different sensors (wind, water level etc.)**: Points to the top right of the unit.
 - Touch information display for show information**: Points to the right side of the unit.
 - Automatic online show update**: Points to the bottom right of the unit.
 - Remote maintenance**: Points to the bottom center of the unit.

Specific features of the unit are also labeled with blue text and dashed lines:

 - MULTICOLOR LED**: Points to the left side of the unit.
 - 7" TOUCH DISPLAY**: Points to the central display.
 - USB 2.0**: Points to the top right of the unit.
 - POWER BUTTON**: Points to the bottom right of the unit.



ACCESSORIES

Product		Item no.
WECS® III Node/DMX/02	> Page 284	84969
WECS® LTE router	> Page 337	43872



POWER & PROGRAMMING

Fountain control
WECS® III Multi-
media Controller
D2

Voltage
220–240 V/
110–120 V

Frequency
50 Hz/60 Hz

Control system
DMX/RDM

Plug and Spray

TECHNICAL DATA

Product	WECS® III Multimedia Controller D2	
Dimensions (L × W × H)	[mm]	482 × 330 × 178
Rated voltage		110 V/230 V, 50 Hz/60 Hz AC
Rated current	[A]	1.53
Power consumption max.	[W]	350
Protection class		IP20
Ambient temperature	[°C]	0–40
Permissible humidity (no condensation)	[%]	0–80
Number of digital inputs (galvanically isolated)	[Unit]	8
Number of digital outputs (galvanically isolated)	[Unit]	8
Number of audio outputs, AUX, stereo (galvanically isolated)	[Unit]	1
Number of DMX/RDM lines	[Unit]	4
Number of DMX channels	[Unit]	4096
Number of Ethernet interfaces 10/100 Mbit		1 × RJ45
Number of Node Link interfaces 100/1000 MBit		1 × RJ45
Number of USB 2.0 interfaces	[Unit]	3
Display type		IPS
Display resolution	[px]	1024 × 600
Weight	[kg]	8.20
Item no.		87750



**More about
the product!**

Show programming



The right combination of show software and fountain control for each fountain

Each fountain system requires a fountain control system that is appropriate for its size. The control system unites the pumps, their corresponding nozzles and the lighting, bringing them to life. OASE offers different software solutions to choreograph different light and fountain systems with the OASE WECS® III controllers.

SOFTWARE

For small and medium-sized fountains



WEPS

HARDWARE



WECS® III
512/DMX/02

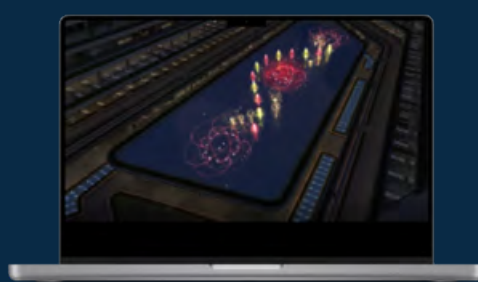


WECS® III
1024/DMX/02 (audio)



Sound

For large fountains and shows



DEPENCE²

- Animation modules
- Stage
 - Fountain
 - Special FX
 - Laser
 - Animate

Control and programming module



Control

Power & Programming



WECS® III
Multimedia Controller D2



Sound

Water Entertainment Programming Software

The proven freeware solution to download: OASE WEPS



- Up to 1024 recordable DMX channels

OASE freeware solution for programming fountain light shows in sync with music

Easy show adaptation to different pipe lengths and height differences of the fountains

Ideal for small to medium shows – for WECS® III controllers 512 and 1024

Play finished shows directly via the hardware or automatically and to the second via the scheduler

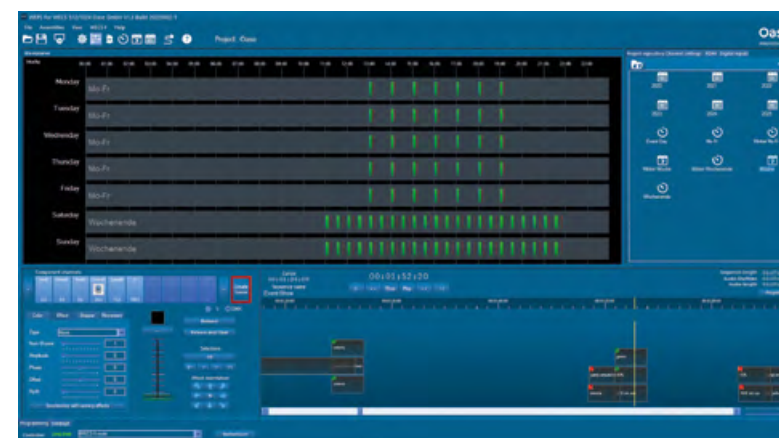
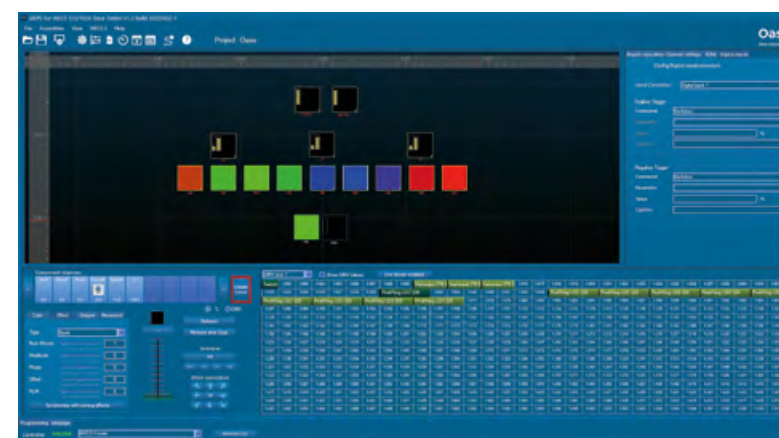
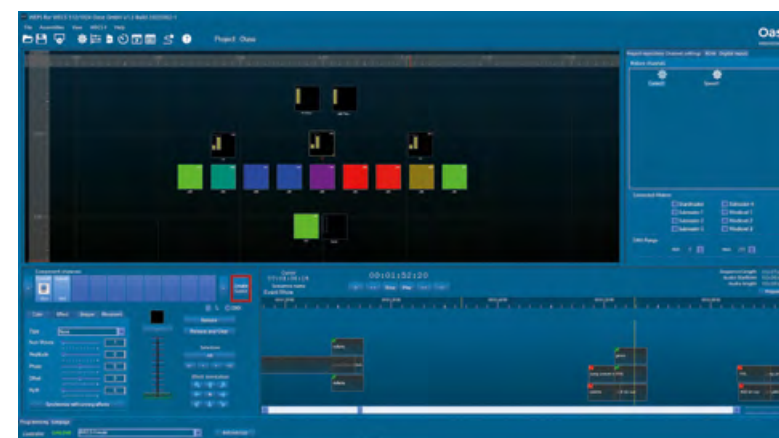
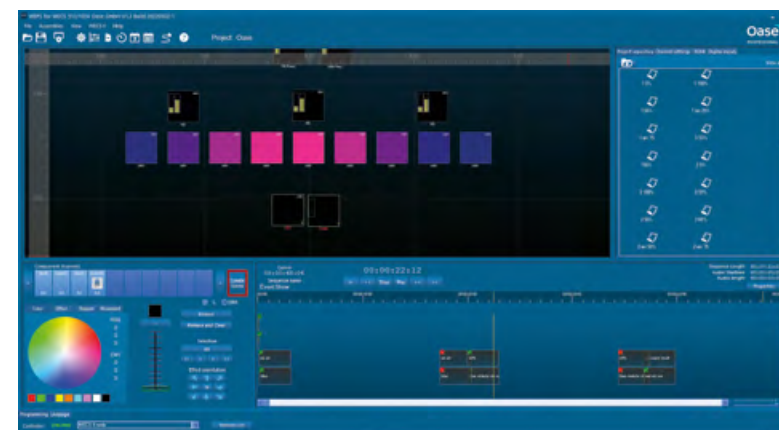
Real-time transmission of control data to a connected OASE WECS® III system for immediate "live" control

Simple display in block visualisation allows easy programming of individual water patterns or entire shows

Easy assignment and addressing of the end components

ACCESSORIES

Product		Item no.
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967



TECHNICAL DATA

Product	WEPS software
Item no.	55009

OASE LIVING WATER

Show programming
Water entertainment programming software



**More about
the product!**

Depence software licences

The premier class of show programming

- The diagram illustrates the Synchronorm software interface across three computer monitors. The left monitor displays a timeline with multiple tracks for sequencing. The middle monitor shows a 3D real-time visualization of a stage show with various effects and lighting. The right monitor displays a detailed view of a specific effect or sequence, showing its parameters and controls. The monitors are arranged in a row, and the background is a light gray gradient.

 - + For creating perfectly synchronised large multimedia shows
 - + Used worldwide for the planning and implementation of large stage shows and spectacular events, as well as large fountain systems
 - + Licensing of different modules for different applications
 - + Dependence software from our partner Synchronorm
 - + 3D real-time visualisation of the entire show
 - + Extended effect function for sequences incl. timeline group tracks
 - + Module control and programming: quick creation of different product arrangements and easy implementation of technical control requirements
 - + Perfect preview, even prior to implementation: realistic reproduction of all programmed effects, sequences and the entire process
 - + The Stage, Fountain, Special-FX, Laser and Animate animation modules provide realistic 3D views of the programmed effects

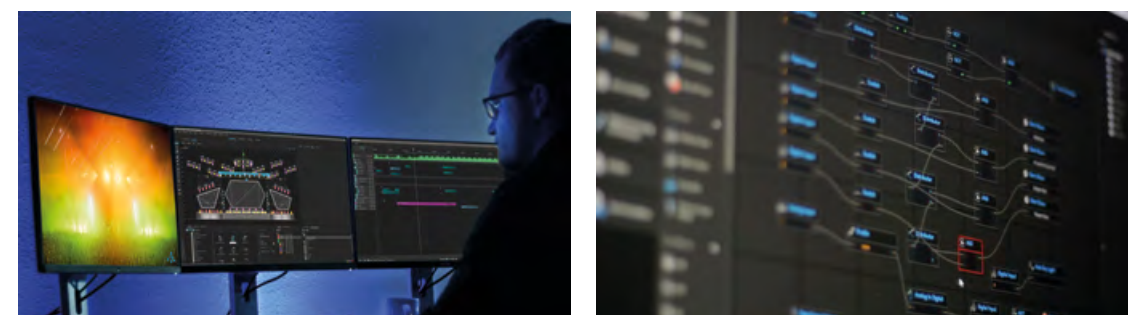
ACCESSORIES

Product		Item no.
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



POWER & PROGRAMMING

Show programming
Software licences



TECHNICAL DATA

Depence R3 module	Description
Laser	> Laser projection simulation > Scanner simulation > Atmospheric laser effects > Support of Pangolin & LA Sollinger
Stage	> Intelligent & conventional lighting > Stage automation > Videowalls > Video projection mapping
Special FX	> Fire & flamejets > Firework > Sparks fountains > CO₂ jets > Fog machines > Ground fog
Animate	> HQ video & image rendering > Key-frame animations > Character animations > Terrain tools > Atmosphere rendering > Water surfaces > Animation timeline & programmer > VR support > Long-exposure rendering > Glass lens rendering > Glow & glare > Tone mapper & post-FX > Chroma-key despill > Mass-crowd empty areas > Camera tracking control > sACN output control
Fountain	> Static and dynamic fountain effects > Real-time fluid simulation > Fountain lighting and projection
Control	> Modular fixtures > Dependency connections > Node-based DMX routing > Fountain height tool > Live panel designer > Timeline-based programming > Programmer and palettes > Show export to WECS® > Multi-user repository > Direct DMX output (Artnet, ACN) > Scheduler > Node-based logic
Item no.	58976



**More about
the product!**

Power supply



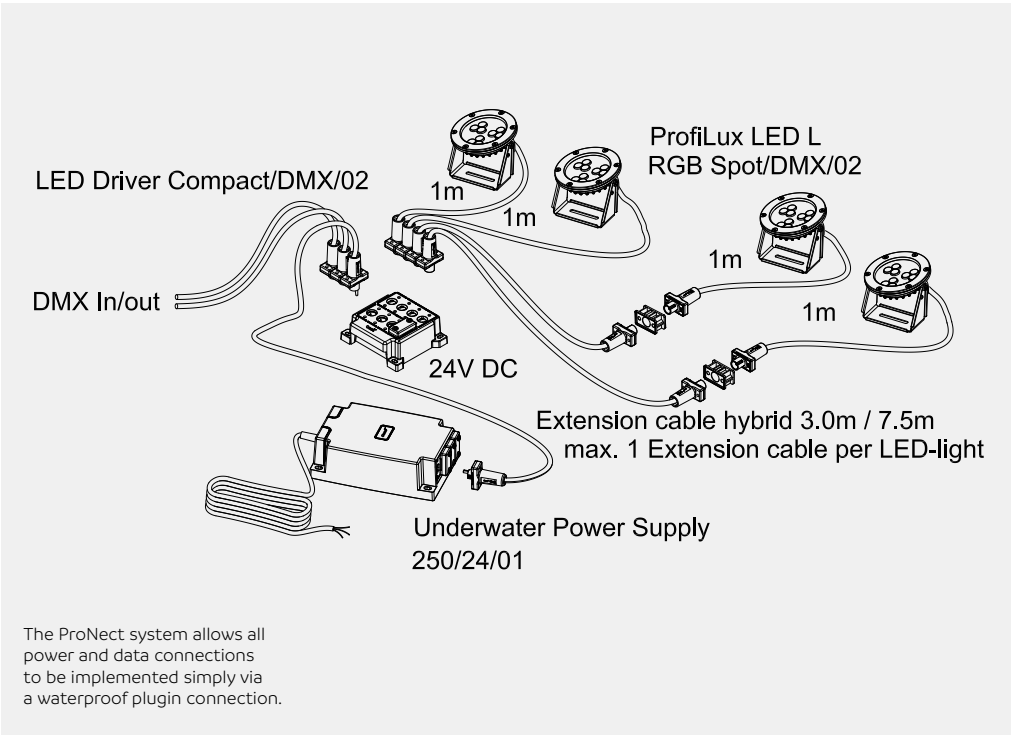


OASE ProNect:
Advanced connection

With ProNect, we have developed the world's first underwater connection technology in accordance with the IP68 standard. The patented technology saves time and money – and guarantees extra safety. With ProNect, all power and DMX-RDM components can simply be plugged in.



OASE ProNect
at a glance



The ProNect system allows all power and data connections to be implemented simply via a waterproof plugin connection.

- + With ProNect, all power and DMX-RDM components can simply be plugged in
- + The mechanical locking mechanism ensures correct connection to prevent short circuits
- + IP68 certified to be waterproof up to a depth of 4 m
- + Material and time saved during installation through the direct connection of the components in the water
- + Switchgears can be smaller, since the components remain in the water

The system components benefit from ProNect technology

The simple plugin connection eliminates the need for wiring the components, which would increase the potential risk of faults This reliable approach extends through to the connection of end devices, such as JumpingJet or LED spotlights.



More about
the product!

COMPONENTS

			
Control components	Underwater LED driver compact/DMX/02	Underwater switch 24 V DC compact/DMX/02	Underwater power supply 250/24 V/01
Item no.	70468	84956	50733
	> Page 322	> Page 304	> Page 300

								
Connection components	ProNect transition box	PowerBox 24 V DC/01	Power connection box 24 V	Hybrid connection box	DMX-Box / 01	24 V DC connecting cable	DMX connecting cable	Hybrid extension cable
Item no.	77880	50493	47930	56404	57646	–	–	–
	> Page 315	> Page 313	> Page 314	> Page 325	> Page 319	> Page 312	> Page 318	> Page 324

Underwater power supply

Simple, secure plugin system saves time and money



- + Fully encapsulated power supply with slots for easy connection of up to four consumers
- + Unique worldwide: Low-voltage consumers can be supplied – high savings in terms of time and material costs
- + Minimal installation effort without wiring thanks to the patented waterproof ProNect connectors



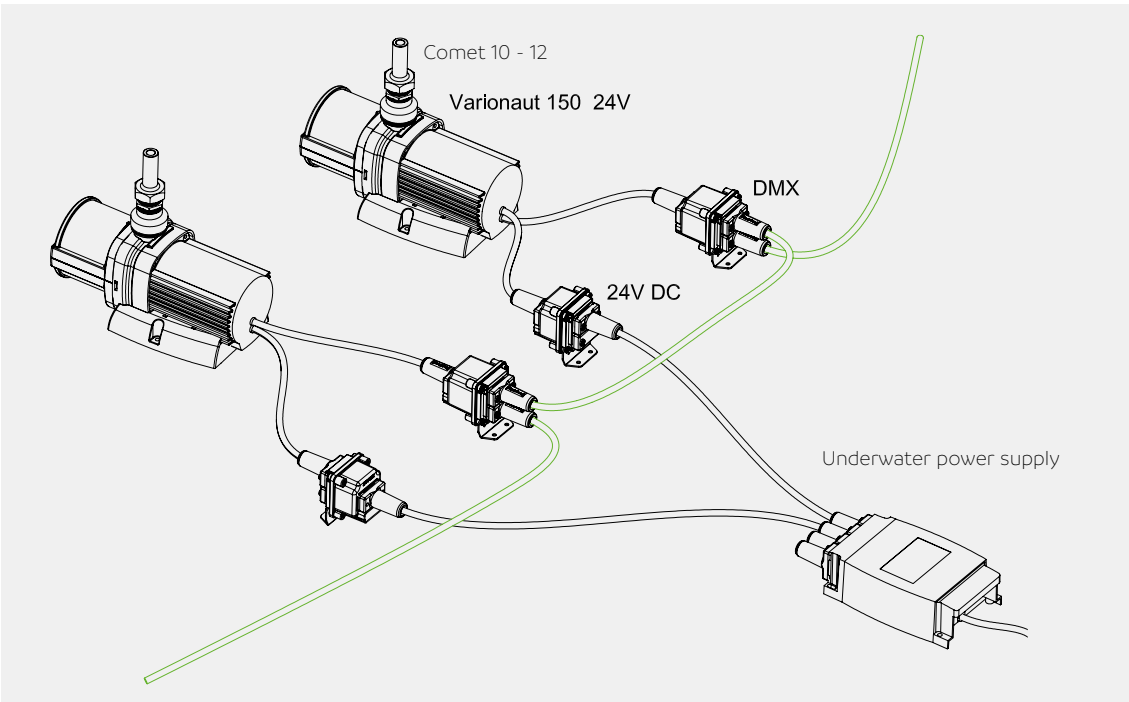
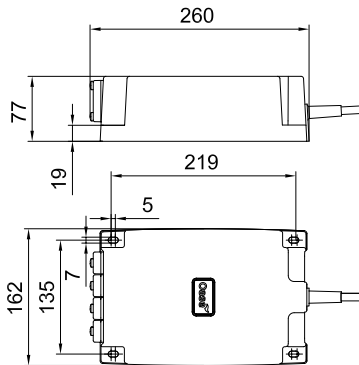
> From page 299



- + Also available for permanent use in the USA – UL-certified
- + Reduced Switchgear space requirements, fewer cables from the cabinet to the pool
- + Disconnection is simple for replacement or repair
- + Permanently safe operation of the connected devices

ACCESSORIES

Product		Item no.
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493



POWER & PROGRAMMING

Power supply
Underwater power supply

Suitable for
Fresh water, pool water and saltwater

Voltage
220–240 V, 110–120 V, 24 V DC

Frequency
50 Hz/60 Hz

Plug and Spray

TECHNICAL DATA

Product	Underwater power supply 250 24 V/01	Underwater power supply 250 24 V/01
US certificates	–	MET (C/US)
Dimensions (L × W × H)	[mm] 260 × 162 × 77	[inches] 10.24 × 6.38 × 3.03
Nominal input voltage	100–240 V AC	100–240 V AC
Nominal input frequency	[Hz] 50/60	[Hz] 50/60
Secondary voltage	25 V DC	25 V DC
Nominal power per output (Class 2)	–	[W] 80
Total rated power	–	[W] 240
Primary voltage	100–240 V AC ±10%	100–240 V AC ±10%
Primary current	[A] Max. 3.5	[A] Max. 3.5
Secondary current	[A] 10.5	[A] 3.2
Efficiency	[%] ≥90	[%] ≥90
Environmental conditions: Use underwater	Water temperature: min. 4°C to max 35°C	Water temperature: min. 4°C to max 35°C
Environmental conditions: Dry use	Ambient temperature max. 40°C with natural convection, no direct sunlight allowed	Ambient temperature max. 40°C with natural convection, no direct sunlight allowed
Slot	4 × 24 V DC	4 × 24 V DC
Max. immersion depth	[m] 4.00	[ft] 13
Protection class	IP68	IP68
Cable length	[m] 10.00	[ft] 20
Weight	[kg] 5.10	[lb] 10.60
Item no.	50733	40289

Please observe the international and local standards

POWER & PROGRAMMING

Power supply
Switch-mode
power supply

Voltage
85–265 V AC,
24 V DC

Frequency
50 Hz/60 Hz

Switch-mode power supply

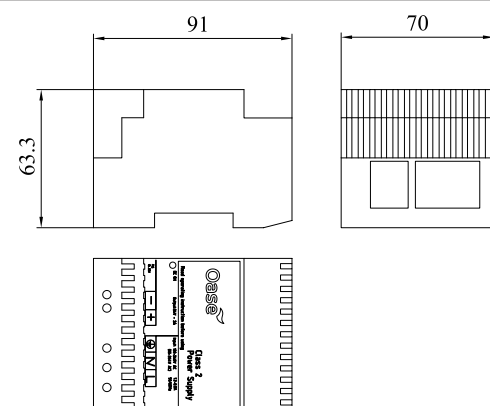
Universally applicable with wide-range input

⊕ Single-phase switch-mode power supply in a compact installation housing

⊕ Universally applicable thanks to wide-range input from 85 V AC to 265 V AC



⊕ Output with 24 V DC voltage



TECHNICAL DATA

Product	Power supply 85/265V AC/24V DC60W/2.5A	
Dimensions (L × W × H)	[mm]	70 × 91 × 63.3
Weight	[kg]	0.24
Item no.	43524	



Underwater switch

Extra-fast switching times for impressive effects



+ Connect and control up to four end devices with individual switching times

+ For all AirNozzles, all single-colour 24 V DC spotlights, VarioDrop, VarioSwitch

+ Extremely short switching times of up to 0.05 seconds enable new effects

+ Fast, safe installation with patented ProNect underwater connection technology



> From page 299

+ Degree of protection IP68

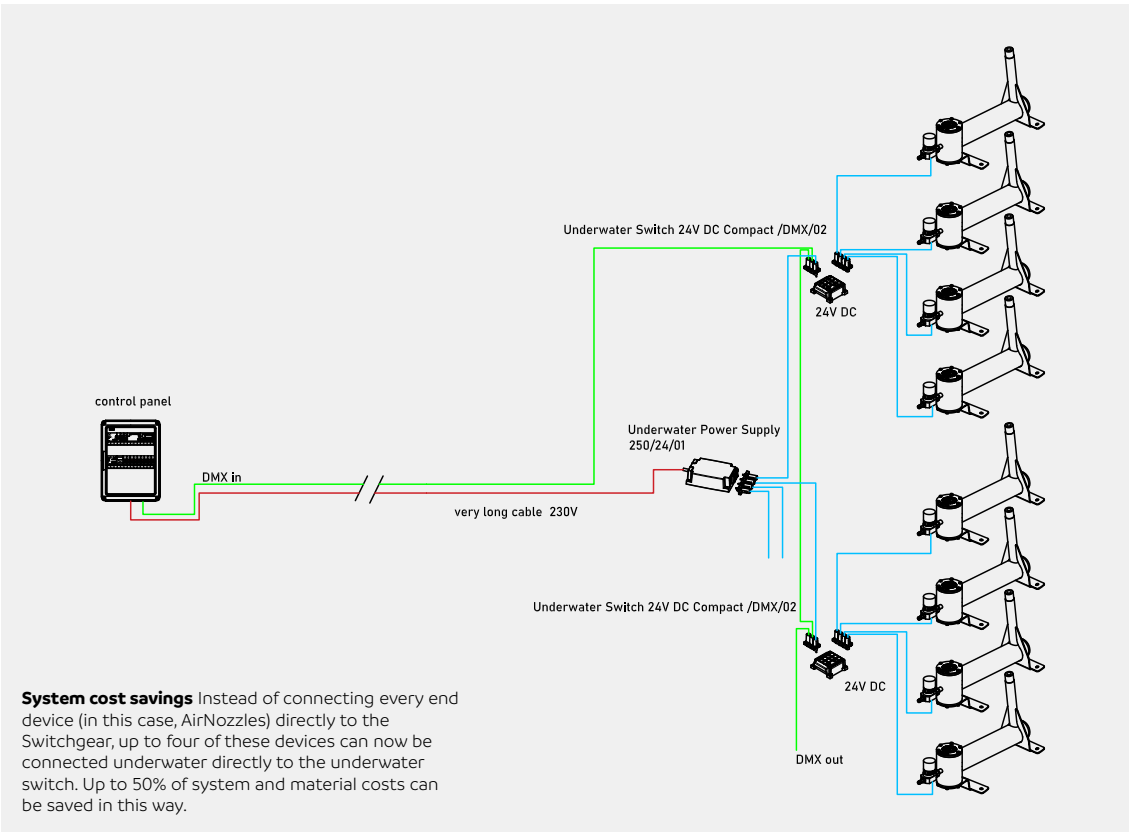
+ Output overload protection and reverse polarity protection

+ Input: 24 V DC in/out; DMX in/out // Output: 4 x 24 V DC switchable

+ Low overall costs due to material savings

+ Optimised housing in a compact design for easy connection of components

i System cost savings



System cost savings Instead of connecting every end device (in this case, AirNozzles) directly to the Switchgear, up to four of these devices can now be connected underwater directly to the underwater switch. Up to 50% of system and material costs can be saved in this way.

POWER & PROGRAMMING

Power supply
Underwater switch

Suitable for
Fresh water, pool water and saltwater

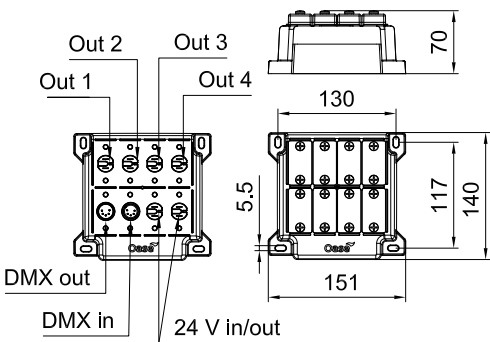
Voltage
24 V DC

Control system
DMX/RDM

Plug and Spray

TECHNICAL DATA

Product		Underwater Switch 24 V DC Compact/DMX/02
Dimensions (L x W x H)	[mm]	151 x 140 x 70
Slot (output)		4 x 24 V DC
Rated current	[A]	10.5
Rated voltage	[V]	24
Secondary current max.	[A]	4 x 4
Secondary voltage		4 x 24 V DC
Protection class		IP68; 4 m
DMX connection		Yes
Power connection type		PowerBox 24 V DC/01
Weight	[kg]	1.30
Item no.		84956



POWER & PROGRAMMING

Power supply

Underwater cable clamp connectors

Suitable for

Fresh water

Voltage

220–240 V/400 V/
110–120 V, 12 V AC,
24 V DC

Frequency

50 Hz/60 Hz

Control system

DMX/RDM

Underwater cable clamp connectors

Easy installation and maintenance

+

Field-tested connectors and isolators for electrical consumers in all areas of water technology

+

With 4 × M20 cable glands

+

Max. easy connection and disconnection

+

With transparent lid for easy inspection of the connections

+

Extremely corrosion resistant

+

Including multiple blind plugs for the cable glands that are not required

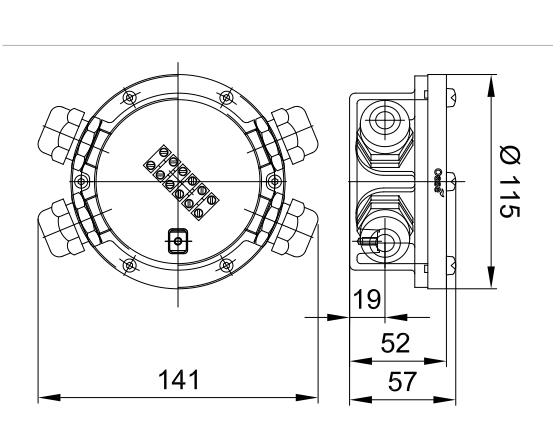
+

Extremely simple maintenance

+

Carry out service work quickly without significant downtime





TECHNICAL DATA			
Product		Underwater cable connector T 3	
Dimensions (dia. × H)	[mm]	115 × 57	
Protection class		IP68	
Number of cable glands	[Unit]	4 × M20	
Cable diameter	[mm]	6–14	
Number of terminals	[Unit]	5	
Number of terminals for protective grounding	[Unit]	1	
Material		Bronze	
Weight	[kg]	1.20	
Item no.		51334	

JunctionBox

Quick installation and maintenance – with up to 14 cable glands

+

With 8 or 14 M20 cable glands

+

Extremely simple maintenance

+

Field-tested connectors and isolators for electrical consumers in all areas of water technology

+

Extremely corrosion resistant

+

With transparent lid for easy inspection of the connections

+

Carry out service work quickly without significant downtime

+

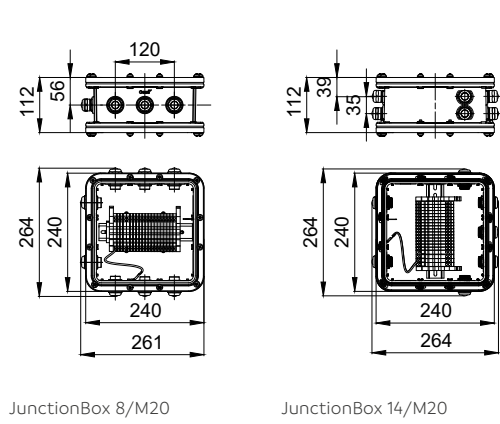
Max. ease of connection and disconnection

+

Including multiple blind plugs for the cable glands that are not required



TECHNICAL DATA			
Product		JunctionBox 8/M20	JunctionBox 14/M20
Dimensions (L × W × H)	[mm]	264 × 261 × 112	264 × 264 × 112
Protection class		IP68	IP68
Number of cable glands	[Unit]	8 × M20	14 × M20
Cable diameter	[mm]	9–16	9–16
Number of terminals	[Unit]	16 (4 mm²)	18 (4 mm²)
Number of terminals for protective grounding	[Unit]	5 (4 mm²)	6 (4 mm²)
Material		PET-GF45/Makrolon	
Weight	[kg]	3.40	3.90
Item no.		57486	50358



POWER & PROGRAMMING

Power supply

JunctionBox

Suitable for

Fresh water

Voltage

220–240 V/400 V/
110–120 V, 12 V AC,
24 V DC

Frequency

50 Hz/60 Hz

Control system

DMX/RDM

POWER & PROGRAMMING

Power supply
Power splice 20

Suitable for
Fresh water,
pool water and
saltwater

Voltage
220–240 V/400 V/
110–120 V, 12 V AC,
24 V DC

Frequency
50 Hz/60 Hz

Control system
DMX/RDM

Power splice 20

Secure connection of cables with a diameter of 7 to 10 mm

Cable diameter from 7 to 10 mm

Cable cross-section from 0.2 mm² to 2.6 mm²

Voltage ranges: 24 V DC, 12 V AC, 230 V and 400 V

Waterproof connection for DMX, power and hybrid cables

Waterproof to protection class IP68

Necessary material is included in the scope of delivery

PACKAGING UNIT



Included in delivery*	
1.	Two-component grout
2.	Sandpaper
3.	Protective gloves
4.	Crimp connectors 0.2 mm²–0.5 mm²
5.	Crimp connectors 0.6 mm²–1.0 mm²
6.	Crimp connectors 1.1 mm²–2.6 mm²
7.	Cable ties
8.	Pipe with sealing plug
Tools required	
Side cutters	
Crimping pliers	
Stripping tool	
Cutter knives	

* Set for 3 connections with 1 bag of grout.

TECHNICAL DATA

Product		Power splice 20
Dimensions (dia. × H)	[mm]	26 × 150
Suitable for cables		DMX cable, hybrid cable, 24 V DC, 12 V AC, 230 V, 400 V cable
Protection class		IP68
Suitable for cable diameter	[mm]	7–10
Material		PET
Weight	[kg]	0.50
Packaging unit	[Unit]	3
Item no.		57648

Power splice 43

Secure connection of cables with a diameter of 5.5 to 16 mm

Cable diameter from 5.5 to 16 mm

Necessary material is included in the scope of delivery

Waterproof to protection class IP68

Voltage ranges: 24 V DC, 12 V AC, 230 V and 400 V

Waterproof connection for power and hybrid cables

Cable cross-section from 1.1 mm² to 6 mm²

PACKAGING UNIT



Scope of delivery* (the illustrated scope of delivery is included twice)	
1.	Two-component grout
2.	Sandpaper
3.	Crimp connectors 1.10 mm²–2.60 mm²
4.	Crimp connectors 4 mm²–6 mm²
5.	Lustre terminal 0.50 mm²–1.50 mm²
6.	Lustre terminal 1.50 mm²–4 mm²
7.	Lustre terminal 10 mm²
8.	Protective gloves
9.	Tape
10.	Sealing plug d 11.5 mm
11.	Sealing plug 8.5 mm
12.	Sealing plug 5 mm
13.	Sealing plug 4 × d 11 mm for the supplier
14.	Pipe with sealing plug + fixing insert
15.	Cable ties
Tools required	
Slotted screwdriver	
Side cutters	
Cutter knives	
Crimping pliers	
Stripping tool	

* Set for 2 connections (VE 2).

POWER & PROGRAMMING

Power supply
Power splice 43

Suitable for
Fresh water,
pool water and
saltwater

Voltage
220–
240 V/400 V/110–
120 V, 12 V AC,
24 V DC

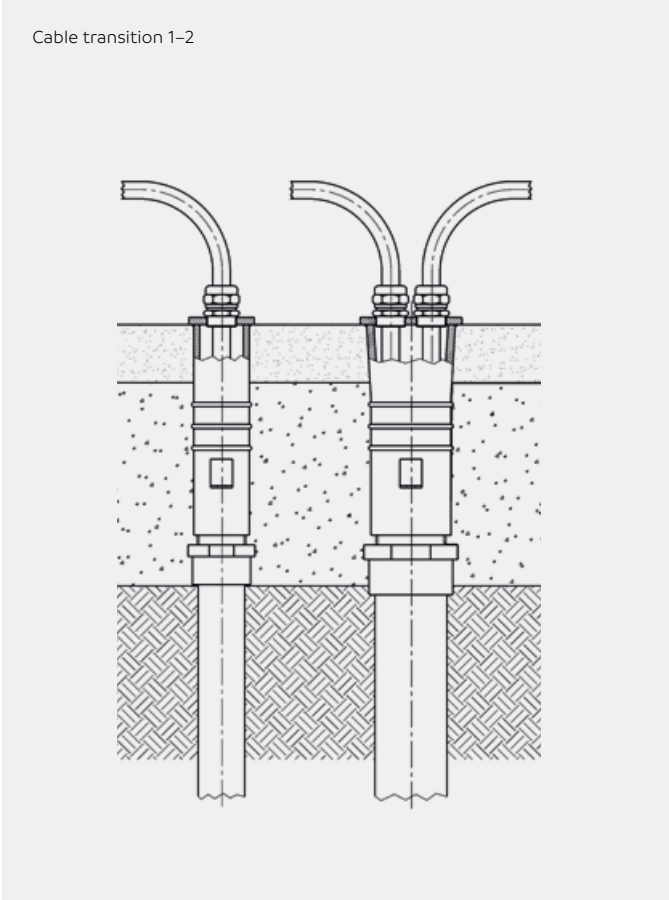
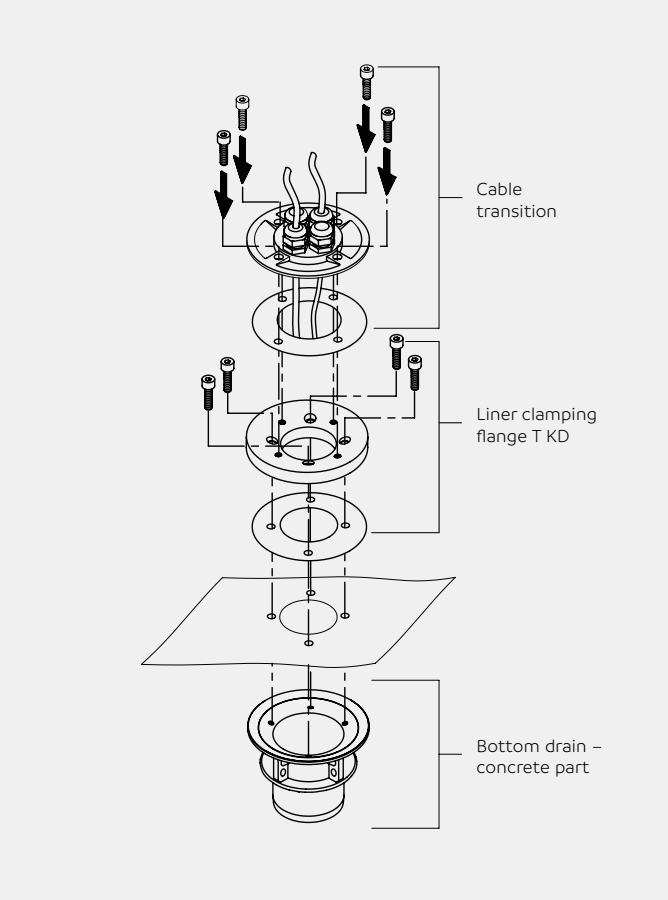
Frequency
50 Hz/60 Hz

Control system
DMX/RDM

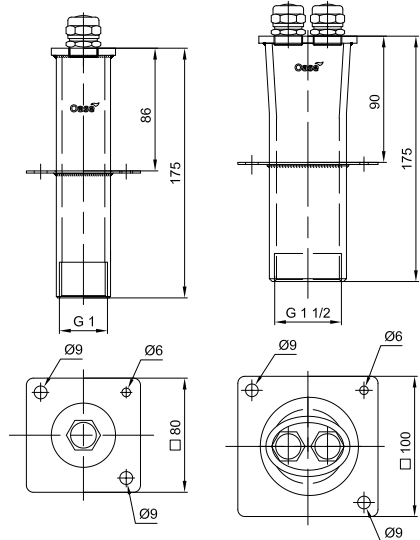
TECHNICAL DATA

Product		Power splice 43
Dimensions (dia. × H)	[mm]	48 × 240
Suitable for cables		Hybrid cable, 24 V DC, 12 V AC, 230 V, 400 V cables
Protection class		IP68
Suitable for cable diameter	[mm]	5.5–16
Material		PET
Weight	[kg]	0.70
Packaging unit	[Unit]	2
Item no.		57649

Cable transitions



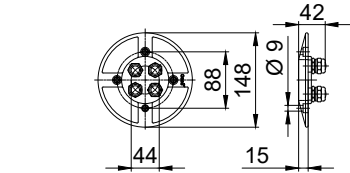
CABLE TRANSITION 1-2



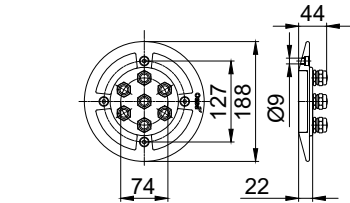
Cable transition 1/10 E Cable transition 2/15 E

Product	Cable transition 1/10 E	Cable transition 2/15 E
Dimensions (dia. × H)	[mm] 80 × 175	100 × 175
Number of Cable transitions	[Unit] 1	2
Cable diameter	[mm] 7–14	7–14
Connection	G 1	G 1 ½
Material	Stainless steel 1.4571 (AISI 316Ti)	
Weight	[kg] 0.60	0.90
Suitable for	Fresh water	
Product properties	> Professional connection to cable protection pipes > Waterproof IP68 cable transition for concrete basins > Number of cable transition: one or two, depending on the model > Plugin connection for connection to the sewer pipe or domestic installation pipe > Threaded connection for PE pipes > Can be used for cable diameters 7–14 mm > Connection G 1/G 1 ½ or 25 mm/38 mm > Made of high-quality stainless steel > Invisible guidance of electrical lines	
Item no.	51741	51740

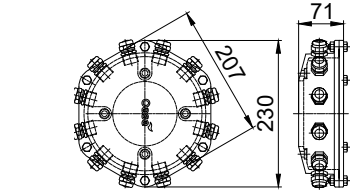
CABLE TRANSITION 4-12



Cable transition 4/70 T

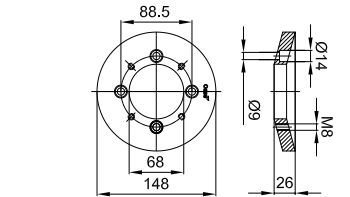


Cable transition 7/100 T

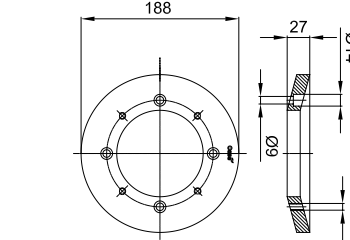


Cable transition 12/100 T

LINER CLAMPING FLANGE T KD



Liner clamping flange 70 T KD



Liner clamping flange 100 T KD

CONCRETE PART T

Product	Technical data			Item no.
Concrete part 70 T	Dimensions (dia. × H)	[mm]	70 × 110	> Page 361 57471
	Material		Bronze	
	Weight	[kg]	2.10	
Concrete part 100 T	Dimensions (dia. × H)	[mm]	100 × 141	> Page 361 57467
	Material		Bronze	
	Weight	[kg]	3.20	

Connecting cable 24 V

Patented, simple, safe – the OASE ProNect underwater connector



+

Patented, world's first IP68 24 V DC underwater connector

+

Axial flat seals with integrated capillary lock

+

Transverse and longitudinal water tightness up to 4 m

+

Cable with two connectors

+

Seals are integrated directly into the connectors

+

Power cable lengths from 1 m to 15 m

+

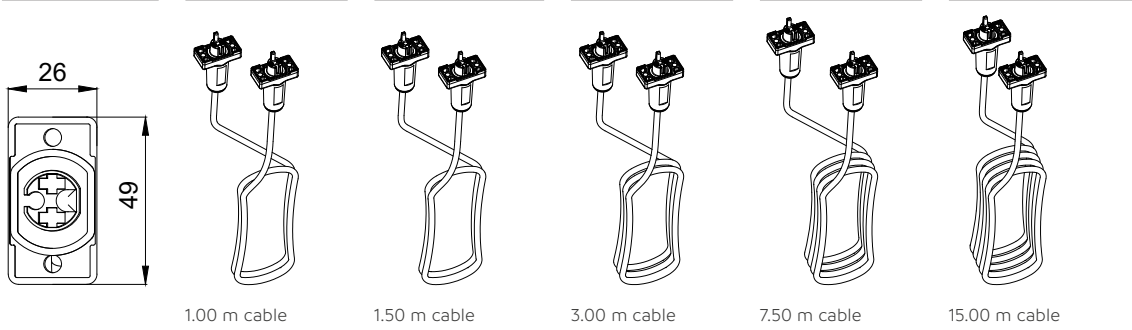
24 V DC reverse polarity protection – incorrect connection is ruled out

+

Easy installation – no need for complex wiring by electricians

ProNect Connection

> From page 299



TECHNICAL DATA

Product	Connecting cable 24 V DC/01					
Cable length	[m]	1.00	1.50	3.00	7.50	15.00
Cable cross-section	[mm²]	2 × 2.5	2 × 2.5	2 × 2.5	2 × 2.5	2 × 2.5
Weight	[kg]	0.30	0.38	0.75	1.53	2.92
Item no.		12762	49629	12552	12553	11720

PowerBox 24 V

Simply plug in instead of wiring

+

Patented ProNect underwater connector, 24 V DC

+

Connection without wiring

+

24 V DC reverse polarity protection Bushing/bushing connection

+

Waterproof to IP68 up to 4 m

ProNect Connection

> From page 299

ACCESSORIES

Product		Item no.
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720

TECHNICAL DATA

Product	PowerBox 24 V DC/01	
Dimensions (L × W × H)	[mm]	93 × 73 × 77.3
Material		Plastic/stainless steel
Cable cross-section	[mm²]	2 × 2.5
Weight	[kg]	0.56
Item no.		50493

Power connection box 24 V

Secure and waterproof connection

- +

Simple, secure ProNect connectors, 24 V
- +

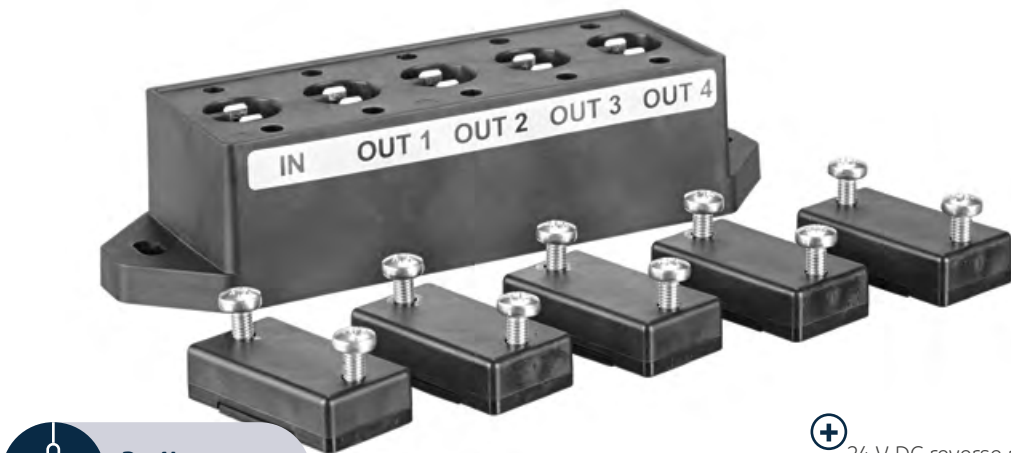
Plugin connections avoid extensive wiring work
- +

1 × input, 4 × output, all four outputs can only be controlled in parallel
- +

24 V DC reverse polarity protection through plug connection
- +

Waterproof to IP68 up to 4 m
- +

Only one connection box per line



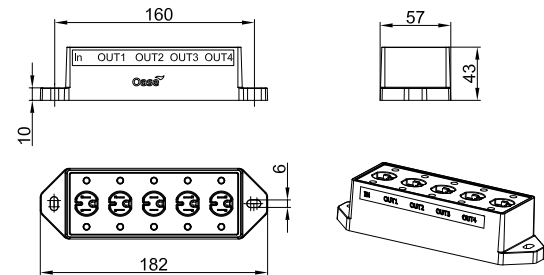
+

ProNect Connection

> From page 299

ACCESSORIES		
Product		Item no.
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720

TECHNICAL DATA		
Product	Power connection box 24 V	
Dimensions (L × W × H)	[mm]	182 × 57 × 43
Max. current consumption	[A]	10
Weight	[kg]	0.40
Item no.		47930



ProNect Transition Box

Perfect for all OASE SplashKit components

- +

Secure, easy installation of all 24 V DC and DMX cable connections with OASE SplashKit components
- +

ULcertified
- +

Incl. grouting material for protection against moisture (IP68)
- +

Only the box needs to be wired – everything else is taken care of with the patented ProNect connector
- +

Reduced installation effort, reduced downtimes
- +

For cable diameters from 6 to 17 mm thanks to variable nipples
- +

Incl. magnetic switch as a terminal resistor for marking the last bus node of the DMX line
- +

Connection options for loop-through of the DMX signal line and the 24 V DC power supply incl. earthing cable



+

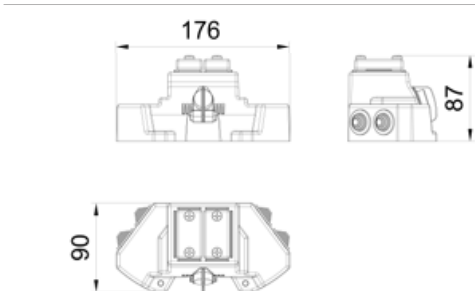
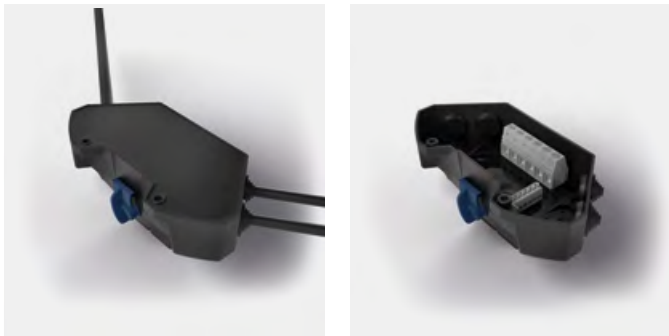
ProNect Connection

> From page 299

+

SplashKit Component

> See page 161



TECHNICAL DATA		
Product	ProNect Transition Box	
US certificate		MET (C/US)
Dimensions (L × W × H)	[mm]	176 × 90 × 87
Suitable for cable diameter	[mm]	6–17
Number of terminals	[Unit]	12
Material		Plastic
Protection class		IP68
Weight	[kg]	1.10
Item no.		77880

DMX connection



Connecting cable DMX/01

Secure DMX/RDM-enabled connections



+

DMX/RDM-capable connecting cable, plug-to-socket connection

+

Especially for underwater applications

+

Waterproof to IP68:
Integration of the seals directly into the connector

+

Available in six different cable lengths between 1 m and 20 m

+

2-wire shielded cable

+

XLR standard connection sockets (5-pin)

+

DMX bridge replaces the failed component in the DMX line, for example during maintenance or repair work, and thus ensures the functionality of the fountain

+

Terminal element: Terminal plug for the bus system of the DMX line

+

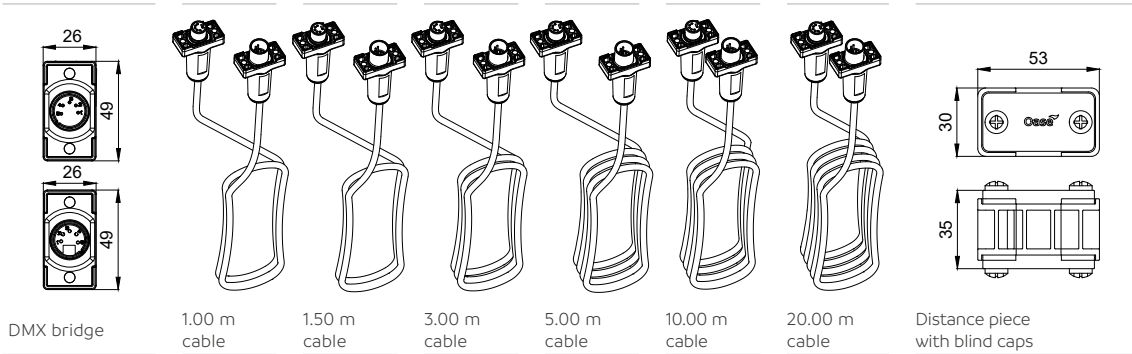
ProNect Connection

> From page 299

+

SplashKit Component

> See page 161



TECHNICAL DATA

Product	Connecting cable DMX/01						DMX bridge	Distance piece with blind caps	End resistant for BUS-system DMX/01
Cable length	[m]	1.00	1.50	3.00	5.00	10.00	20.00	–	–
Dimensions (L × W × H)		–	–	–	–	–	–	53 × 30 × 36	53 × 30 × 34.4
Cable cross-section	[mm²]	2 × 0.34	2 × 0.34	2 × 0.34	2 × 0.34	2 × 0.34	2 × 0.34	–	–
Weight	[kg]	0.10	0.20	0.30	0.40	0.60	1.10	0.04	0.07
Item no.		12368	49628	12369	12371	12372	12373	77882	46230

DMX-Box/01

Secure connection of DMX/RDM products

+

Simple installation for connecting and extending DMX connection cables

+

Patented ProNect underwater connector for DMX connection cables

+

Plug-to-socket connection

+

ProNect Connection

> From page 299

+

DMX/RDM-capable

+

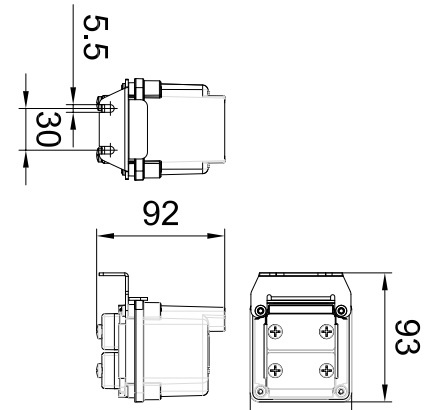
Waterproof to IP68 to ensure safe operation

ACCESSORIES

Product		Item no.
Power splice 20	> Page 309	57648
Distance piece with blind caps	> Page 318	46230
End resistant for BUS-system DMX/01	> Page 318	12007
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373

TECHNICAL DATA

Product	DMX-Box/01	
Dimensions (L × W × H)	[mm]	93 × 73 × 92
Weight	[kg]	0.60
Item no.	57646	



Power & data LED



LED driver

Simple and secure connection:
saves time and material



ProNect
Connection

> From page 299

DMX/RDM-capable

Safe, easy and fast installation
with ProNect connector system

Simple and rapid function
control using DMX/RDM
connections

Integrated overcurrent protection
ensures that the driver functions
continuously

Freely programmable hybrid
slots for the individual LED
spotlights

The first version of the
Underwater LED Driver Compact/
DMX/02 has 180 W max.
secondary line.

Power optimised to 13 A for
controlling and connecting
four OASE LED spotlights

LED spotlights provide even,
consistent colour output

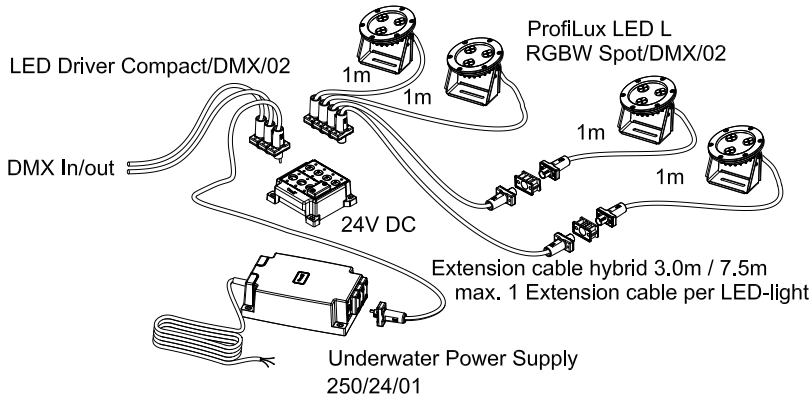
Waterproof to IP68

ACCESSORIES

Product		Item no.	Product		Item no.
Connecting cable DMX/1.0 m/01	> Page 318	12368	Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable DMX/1.5 m/01	> Page 318	49628	Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable DMX/3.0 m/01	> Page 318	12369	Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable DMX/5.0 m/01	> Page 318	12371	Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
Connecting cable DMX/10.0 m/01	> Page 318	12372	Underwater power supply 250/24 V/01	> Page 300	50733
Connecting cable DMX/20.0 m/01	> Page 318	12373	WECS® III 512/DMX/02	> Page 282	84966
End resistant for BUS-system DMX/01	> Page 318	12007	WECS® III 1024/DMX/02	> Page 282	84967
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762	WECS® III Multimedia Controller D2	> Page 286	87750

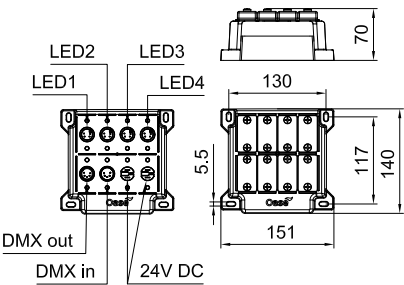


POWER & PROGRAMMING
Power & data LED LED driver
Suitable for Fresh water, pool water and saltwater
Voltage 220–240 V, 110–120 V, 50 Hz/60 Hz, 24 V DC
Control system DMX/RDM
Plug and Spray



TECHNICAL DATA

Product	Underwater LED Driver Compact/DMX/02 version 2.0
US certificates	MET (C/US)
Dimensions (L × W × H)	[mm] 151 × 140 × 70
Slot	4 × Hybrid (data + power supply)
Max. secondary power	[W] 300
Protection class	IP68, 4 m
DMX connection	2 × socket (in/out)
Connection for power supply	2 × socket
Weight	[kg] 1.45
Item no.	70468



POWER & PROGRAMMING

Power & data LED
Extension cable hybrid

Suitable for
Fresh water,
pool water and saltwater

Voltage
24 V DC

Control system
DMX/RDM

Plug and Spray

Hybrid extension cables

Hybrid underwater extension cable for data and power



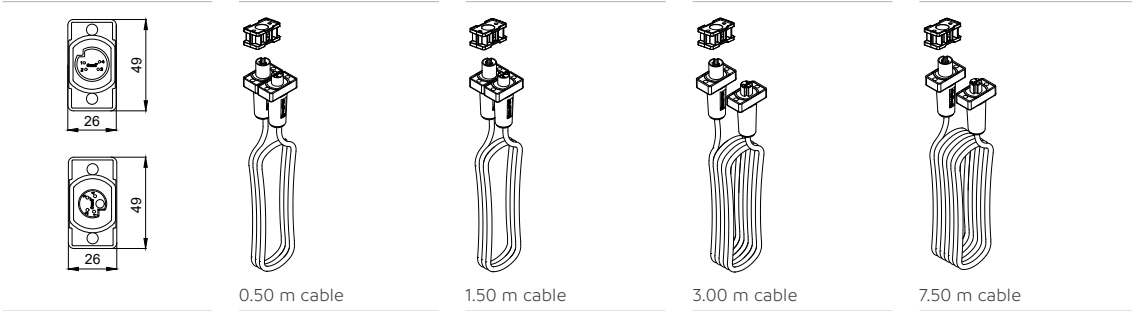
- Patented ProNect underwater connector
- Plug-to-socket connection
- Waterproof to IP68



ProNect Connection

> From page 299

- Various cable lengths from 0.5 to 7.5 m
- 4-wire, shielded
- Cable cross-section in mm²: 4 × 0.34 for 7.5 m cable: 2 × 1; 2 × 0.24



TECHNICAL DATA

Product	Extension cable hybrid				
Cable length	[m]	0.50	1.50	3.00	7.50
Cable cross-section	[mm²]	4 × 0.34	4 × 0.34	4 × 0.34	2 × 1; 2 × 0.24
Weight	[kg]	0.15	0.27	0.38	0.75
Item no.		89659	76250	50728	56403

Hybrid connection box

Waterproof connection box for four spotlights

POWER & PROGRAMMING

Power & data LED
Hybrid connection box

Suitable for
Fresh water,
pool water and saltwater

Voltage
24 V DC

Control system
DMX/RDM

Plug and Spray

- Waterproof to IP68
- Patented ProNect underwater connector for hybrid cables
- Plug-to-socket connection
- Only one hybrid connection box per line
- RDM status information from output 1
- All four outlets can only be controlled in parallel



ProNect Connection

> From page 299

Hybrid connection box for up to four spotlights

ACCESSORIES

Product		Item no.
Extension cable hybrid/0.5 m/01	> Page 324	89659
Extension cable hybrid/1.5 m/01	> Page 324	76250
Extension cable hybrid/3.0 m/01	> Page 324	50728
Extension cable hybrid/7.5 m/01	> Page 324	56403

TECHNICAL DATA

Product	Hybrid connection box	
Dimensions (L × W × H)	[mm]	183 × 57 × 43
Max. current consumption	[A]	7.5
Weight	[kg]	0.40
Item no.	56404	

Switchgears



Fountain monitoring



Water level sensors

Reliable water level detection

⊕ Reports the water level to the system, allowing different water levels to be quickly compensated

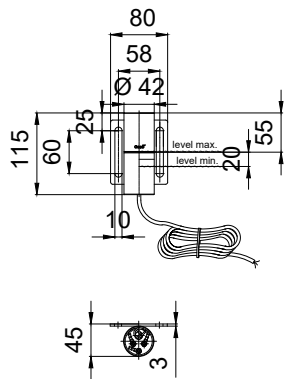
⊕ Reports water level to prevent overflow of a basin

⊕ Allows automatic fresh water replenishment when the water level drops

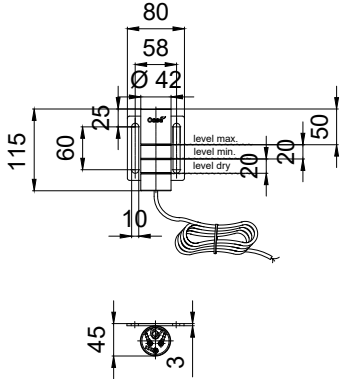
⊕ Sensitive control of the water level even with major differences in levels

⊕ Waterproof to IP68

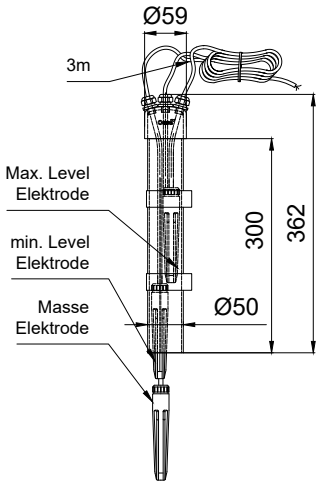
⊕ Differences in levels from 20 to 2000 mm depending on the model



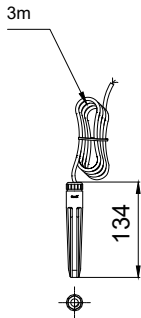
Water level sensor 20-3



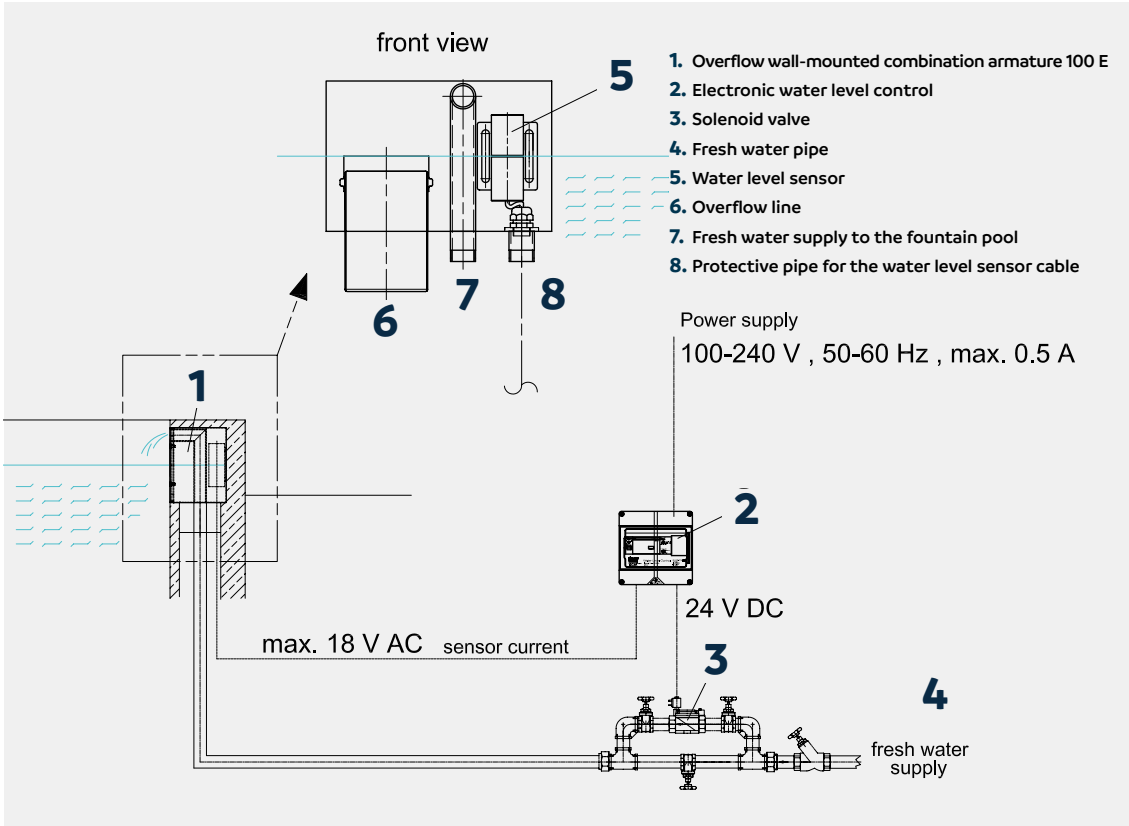
Water level sensor 20-4



Water level sensor 2000-3/5



Supplemental electrode 2000-1



POWER & PROGRAMMING

Fountain monitoring
Water level sensors

Suitable for
Fresh water and pool water

Power & Programming

ACCESSORIES

Product		Item no.
Electronic water level control 1	> Page 334	51554
Electronic water level control 2	> Page 334	55846
Solenoid valve ½" 24 V	> Page 335	51556
Solenoid valve 1" 24 V	> Page 335	51557

TECHNICAL DATA

				
Product	Water level sensor 20-3	Water level sensor 20-4	Water level sensor 2000-3/5	Supplemental electrode 2000-1
Dimensions (L x W x H) [mm]	115 x 80 x 46	115 x 80 x 46	315 x 135 x 150	150 x 125 x 75
Housing	Stainless steel	Stainless steel	Plastic	Plastic
Protection class	IP68	IP68	IP68	IP68
Electrodes [Unit]	3	4	3	1
Common electrode [Unit]	1	1	1	–
Minimum electrode [Unit]	1	1	1	–
Maximum electrode [Unit]	1	1	1	–
Dry running [Unit]	–	1	–	1
Level difference [mm]	20	20	Max. 2500	Max. 2500
Cable length [m]	10.00	10.00	3.00	3.00
Weight [kg]	2.20	2.30	2.50	0.30
Item no.	51559	53918	55845	55843

Electronic water level controllers

Automatic water level control and regulation

+

Water level controller consisting of a combination of water level regulator and a suitable ½" or 1" solenoid valve as well as corresponding water level sensors

+

Protected to IP54

+

Electronic monitoring of water level to prevent overflow and dry running

+

For automatic fresh water refill: Solenoid valves for installation in the fresh water supply line of a fountain pool or a water reservoir

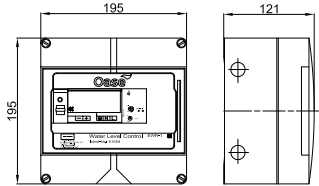
+

Electronic water level control 2, suitable for dry run protection and alarm monitoring

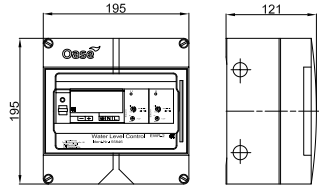
i

System illustration on > Page 333

TECHNICAL DATA			
Product	Electronic water level control 1		Electronic water level control 2
Dimensions (L × W × H) [mm]	180 × 180 × 124		180 × 180 × 124
Housing	Plastic		Plastic
Protection class	IP54		IP54
Voltage	100–240 V/50–60 Hz		100–240 V/50–60 Hz
Solenoid valve	230 V/50 Hz		230 V/50 Hz
	[A]	5	5
Solenoid valve	24 V DC		24 V DC
	[A]	0.5	0.5
Pump	230 V/50 Hz		230 V/50 Hz
	[A]	5	5
Switches/pushbuttons	1		1
Indicator lights	1		1
Connections for electrodes	3		4
Dry running protection	No		Yes
Alarm monitoring	No		Yes
Weight [kg]	1.24		1.36
Item no.	51554		55846



Electronic water level control 1



Electronic water level control 2

Solenoid valves

Opening and closing of the water supply

+

Water level controller consisting of a combination of water level regulator and a suitable ½" or 1" solenoid valve as well as corresponding water level sensors

+

Protected to IP65

+

Normally closed solenoid valves

+

For automatic fresh water refill: Solenoid valves for installation in the fresh water supply line of a fountain pool or a water reservoir

i

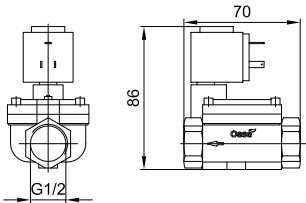
System illustration on > Page 333

Solenoid valve 1/2" 24 V

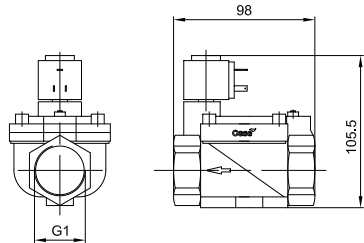
Solenoid valve 1" 24 V

TECHNICAL DATA

Product	Solenoid valve 1/2" 24 V	Solenoid valve 1" 24 V
Dimensions (L x W x H)	67 x 45 x 88	96 x 70 x 108
Function	Normally closed	
Nominal diameter	G 1/2	G 1
Ways	2/2	2/2
Voltage	24 V DC	24 V DC
Duty cycle	100%	100%
Protection class	IP65	IP65
Pressure range [bar]	0.3–20	0.5–16
Material	Brass	Brass
Weight [kg]	0.50	1.30
Item no.	51556	51557



Solenoid valve ½" 24 V

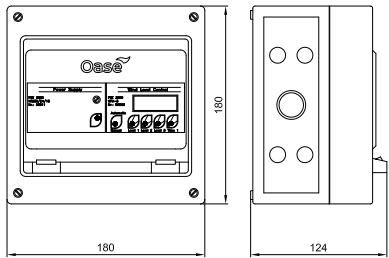


Solenoid valve 1" 24 V

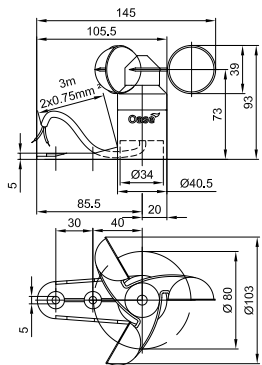
Wind-dependent fountain control

Protect passers-by and save water

- + Wind force measurement via anemometer, also available with wind direction indicator on request
- + Wind-dependent adjustment of the fountain height ensures an attractive water pattern
- + Individually switchable pumps or three-stage shutting down of the pumps is possible
- + Depending on the wind strength, the fountain height can be controlled in three steps or switched off
- + No annoying spray for passers-by
- + Saves water by reducing the height of the fountains or switching them off completely depending on the wind situation
- + Protected to IP54 (controller) or IP33 (anemometer)



Wind-dependent fountain control 3 K



Anemometer K

TECHNICAL DATA

			
Product		Wind-dependent fountain control 3 K	Anemometer K
Dimensions (L x W x H)	[mm]	180 x 180 x 124	145 x 103 x 93
Housing		Plastic	Plastic
Protection class		IP54	IP33
Voltage		230 V/50 Hz	24 V DC
Switches/pushbuttons		5	-
Indicator light		1	-
Control lines		3	-
Contact load	[A]	5	-
Weight	[kg]	2.20	0.80
Item no.		51838	53913

Remote maintenance solutions

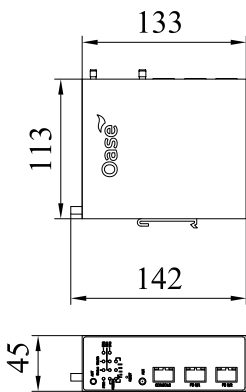
Everything under control, even remotely – with reliable M2M technology

- + Robust industrial mobile radio router with DIN mounting rail; suitable single-phase switch-mode power supply unit also available
- + Reliable Internet connection via GPRS, UMTS and 4G LTE
- + Router temperature range: -25°C to +70°C
- + High data security: Support for OpenVPN and IPsec protocols
- + Router with two Ethernet ports and two SMA-F antenna ports

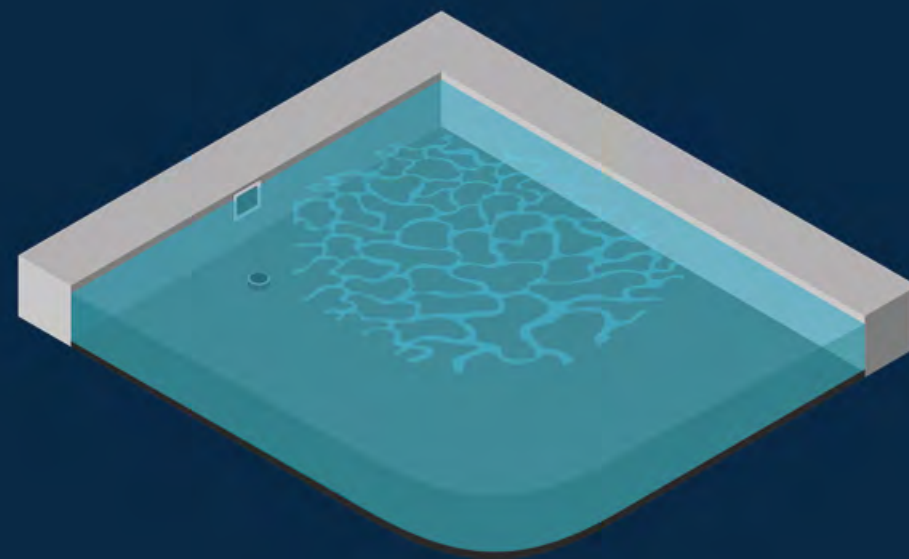


TECHNICAL DATA

Product	WECS® LTE router	
Dimensions (L x W x H)	[mm]	133 x 45 x 113
Housing		Metal
Protection class		IP30
Weight	[kg]	0.60
Item no.		43872



We ensure the purest pleasure in this regard, too.



Creating clear conditions and removing contamination produced by your fountain system: The mechanical and biological products ensure that the water quality is always first-class. Whether you're looking for a skimmer to remove organic materials from outdoor installations using suction, or environmentally friendly additives to regulate parameters such as pH value and lime content: OASE offers everything you need from a single source to guarantee that your system will work reliably for many years to come.

Water quality

FILTRATION AND SKIMMER



Sand filter system

> Page 344



Wall skimmer

> Page 346

WATER TREATMENT



Clear Fountain System II

> Page 350

MORE INFORMATION

Overview of water quality > Page 341



OVERVIEW OF WATER QUALITY

Product	Suitable for			Voltage	Frequency	Page
	Fresh water	Pool water	Salt-water			
Filtration and skimmer						
Sand filter system				220–240 V	50 Hz	344
Wall skimmer						346
Water treatment						
Clear Fountain System II				220–240 V	50 Hz/60 Hz	350

Filtration and skimmer



Sand filter system

Efficient filtering extends cleaning intervals

Efficient and environmentally friendly mechanical water filtration

AFM filter medium significantly extends the cleaning intervals in water systems

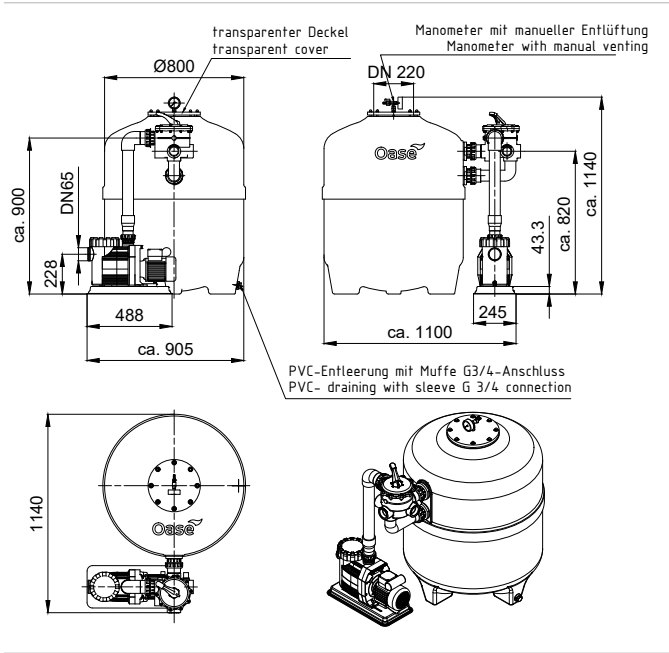
Easy cleaning: When the filter is full, the automatic backwash system directs the collected dirt into the channel (automatic system only in conjunction with Eurotronik)

Filter complete with glass-fibre-reinforced plastic container, pump and multi-way valve, compact and easy to install, pre-assembled on plastic base



Assembly of individual, comprehensive solutions consisting of sand filters, quartz sand/AFM filter medium and Backwash Automatic Eurotronik

Filter operation is possible in parallel with or independent of the operating times of the system



ACCESSORIES

Product				Item no.
Backwash Automatic Eurotronik		Dimensions (L x W x H)	[mm]	245 x 140 x 95
		Power supply	[V/Hz]	230/50
		Controller power consumption	[VA]	Approx. 10
		Switching capacity	[kW]	Max. 1.10
		Motorised valve	[V]	230
Crystal quartz sand 25 kg bag		Grain size	[mm]	0.40–0.80
AFM filter medium 21 kg bag		The activated filter material has catalytic and oxidising properties. It prevents biofilm formation and extends the maintenance interval.		50433

WATER QUALITY
Filtration and skimmer Sand filter system
Suitable for Fresh water and pool water
Voltage 220–240 V
Frequency 50 Hz

MAX. POOL WATER CONTENTS FOR THE FOLLOWING FILTER RUNTIMES

Product	Sand filter D 600	Sand filter D 800
For low contamination		
Revolutions/day	2	2
9 hours/day [m³]	50	120
15 hours/day [m³]	70	200
24 hours/day [m³]	120	300
For medium contamination		
Revolutions/day	4	4
9 hours/day [m³]	30	60
15 hours/day [m³]	45	100
24 hours/day [m³]	60	150
For high contamination		
Revolutions/day	6	6
9 hours/day [m³]	20	40
15 hours/day [m³]	35	60
24 hours/day [m³]	50	100

Table with guide values for filter runtime control

TECHNICAL DATA

Product	Sand filter D 600	Sand filter D 800
Dimensions (L x W x H)	[mm] 1000 x 870 x 1100	1000 x 1000 x 1250
Filter container diameter	[mm] 630	830
Filter area	[m²] 0.28	0.50
Circulation capacity at 8 mWS	[m³/h] 13	25
Filter speed at 8 mWS	[m/h] 50	50
Backwash speed	[m/h] 50	50
Backwash time	[Min.] Approx. 2–4	Approx. 2–4
Water requirement per backwash	Approx. 650 l in 3 min.	Approx. 1250 l in 3 min.
Filter material grain size	[mm] 0.40–1.00	0.40–1.00
Amount of filter material	[kg] Approx. 125	Approx. 325
Max. operating temperature	[°C] 40	40
Max. operating pressure	[bar] 2.50	2.50
Connection for suction line	G 2	G 2
Connection for pressure line	G 1 ½	G 2
Connection for backwash	G 1 ½	G 2
Motor rated power	[kW] 0.65	1.30
Motor power consumption	[kW] 0.97	1.85
Motor rated voltage	230 V/50 Hz	230 V/50 Hz
Motor rated current	[A] 4.70	8.30
Motor degree of protection	IPX4	IPX4
Weight without sand filling	[kg] 50.00	72.00
Filter container material	GFK (polyester)	GFK (polyester)
Pump material	PP TV 20/PP TV 40	PP GF 30/PP TV 40
Item no.	50431	50432

Wall skimmer

Keeps the water surface clean

Skimmer housing made of high-quality, corrosion-resistant stainless steel for high durability

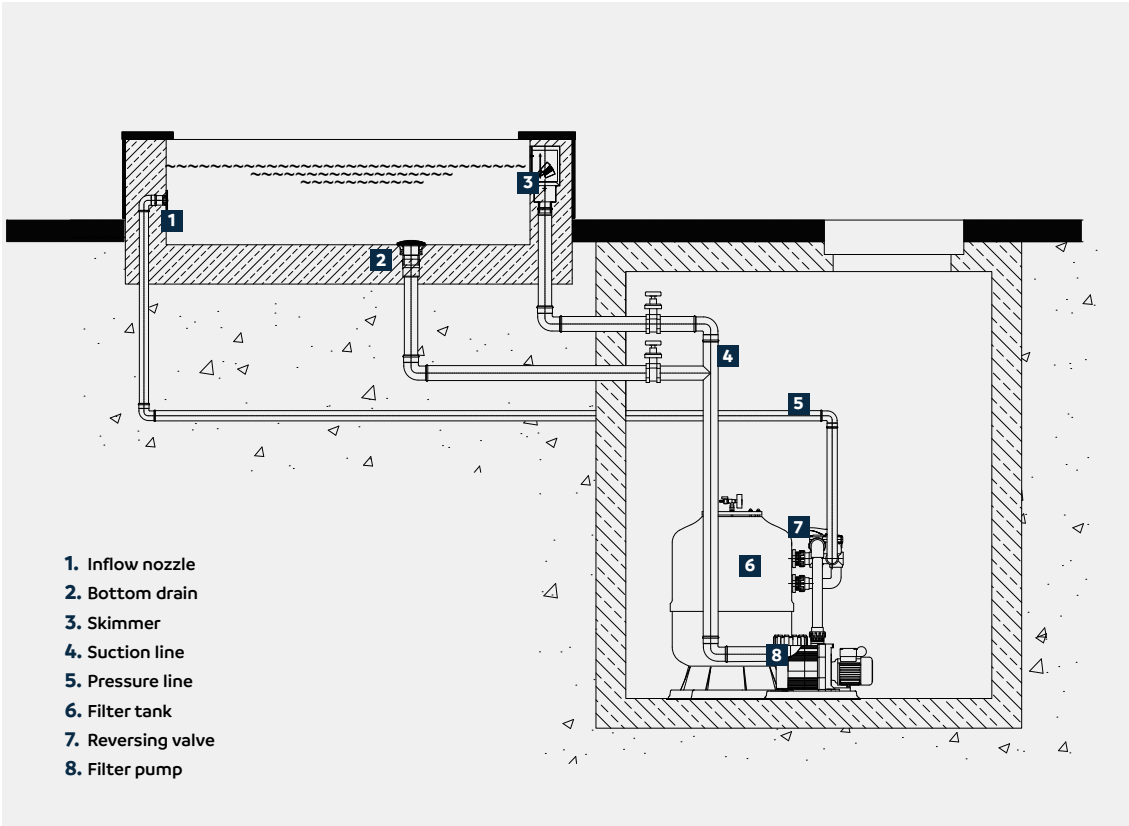


Effectively removes dirt particles from the surface

Easy maintenance and cleaning due to removable dirt screen basket

ACCESSORIES

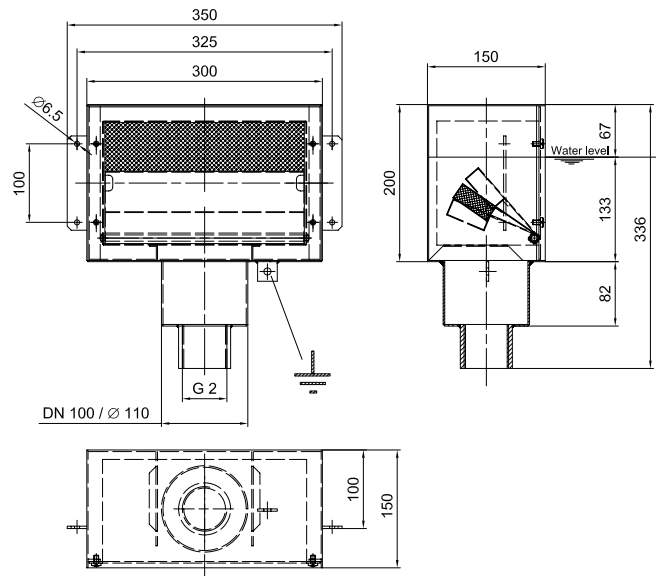
Product		Item no.
Concrete part 100 T	> Page 361	57467
Debris sieve 100 E	> Page 360	51974
Concrete part 70 T	> Page 361	57471
Debris sieve 70 E	> Page 360	51973
Inflow nozzle 15 E	> Page 362	53086
Floor/wall transition 15-175 E	> Page 363	51142
Suction filter basket 200/100/15 E	> Page 365	51082



WATER QUALITY

Filtration and skimmer
Wall skimmer

Suitable for
Fresh water and pool water



TECHNICAL DATA

Product	Wall skimmer
Dimensions (L × W × H)	350 × 150 × 336
Connection	G 2, DN 100 (inner diameter 110)
Material	Stainless steel 1.4301 (AISI 304)
Weight	5.08
Item no.	54921

Water treatment



Clear Fountain System II

Water quality automatically under control

- + Password-protected programming
- + Optically, technically and hygienically impeccable water – algae- and germ-free, with ideal pH value
- + Special accessory program for automated water quality assurance
- + Permanently high water quality protects the components of the rest of the fountain technology

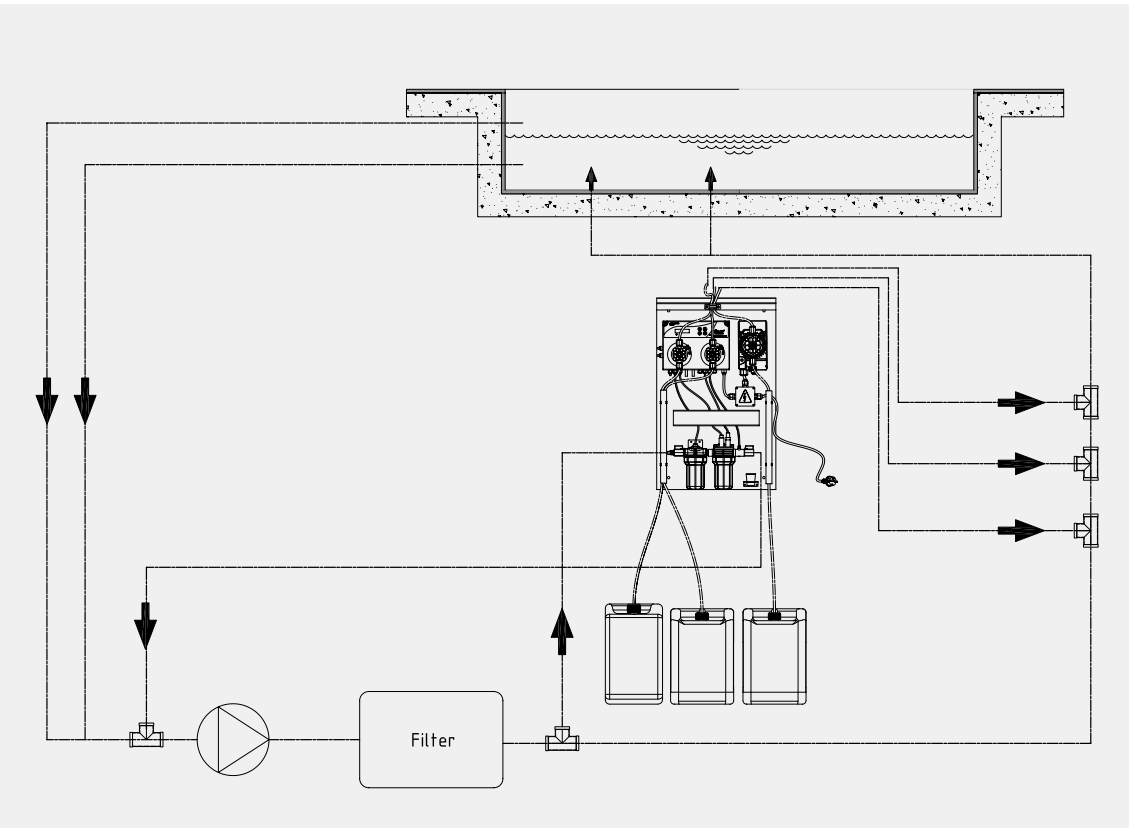


- + For a well-kept fountain system, a clean pool and perfect water
- + Optimally coordinated components consisting of dosing pumps, control instruments and products for water treatment in one system
- + Easy to use
- + User-friendly display and console
- i Refer to safety rules when using algacides. Always read the instructions and specifications before using algacides

ACCESSORIES

Product		Item no.
pH sensor		51034
Redox sensor		51035
OxyPool 20 l		> Double effect with hydrogen peroxide 7.9% and silver ions > Eradicates algae, bacteria and fungal formation without the use of chlorine > Ideal for ornamental ponds, swimming ponds, natural pools, larger fountains and water features 88252
AquaActiv AIGo Fountain Concentrate 5 l*		> Rapid remedy to counteract algae, odours and slippery surfaces > Prevents limescale deposits > Highly compatible with surfaces and technology > Long-lasting effect 40234
Buffer solution calibration set		51036

OASE does not offer a pH-value reducer
* Observe safety rules when using algacides. Always read the instructions and specifications before using algacides.



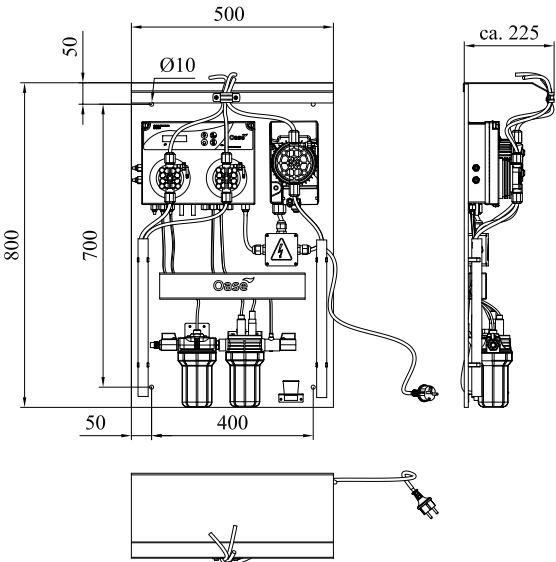
WATER QUALITY

Water treatment
Clear Fountain
System II

Suitable for
Fresh water and
pool water

Voltage
220–240 V

Frequency
50 Hz/60 Hz



TECHNICAL DATA

Product	Clear Fountain System II
Dimensions (L × W × H)	[mm] 900 × 300 × 500
Rated voltage	[V] 100–240
Frequency	[Hz] 50/60
Power consumption	[W] 56
Weight	[kg] 16.10
Included in delivery	> pH sensor > Redox sensor > Buffer solution calibration set
Item no.	57854

Big things are created out of attention to detail.

The finishing touches for your installation: The small, inconspicuous accessories, installation components and useful fittings without which your fountain could not function. This is why we place the same overriding importance on long-lasting quality and optimum fit with this equipment as we do with all our products.

Installation equipment

NOZZLE CONSOLES



VarioJet Base
> Page 355



QuickFix MDD L
> Page 355

FOUNTAIN INSTALLATION CONTAINERS



NozzleChamber
> Page 357



SplashCan
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SplashClamp
> Page 359



Covers
> Page 359

FITTINGS



Floor drain plug
> Page 360



Floor drain debris strainer
> Page 360



Floor drain liner clamping flange
> Page 361



Floor drain concrete part
> Page 361



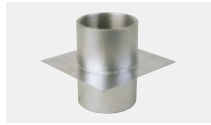
Overflow/drain armatures
> Page 361



Return armature
> Page 362



Inflow nozzle
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Floor/wall transition
> Page 363



Overflow/return flow box
> Page 364



Overflow wall-mounted combination armature
> Page 364

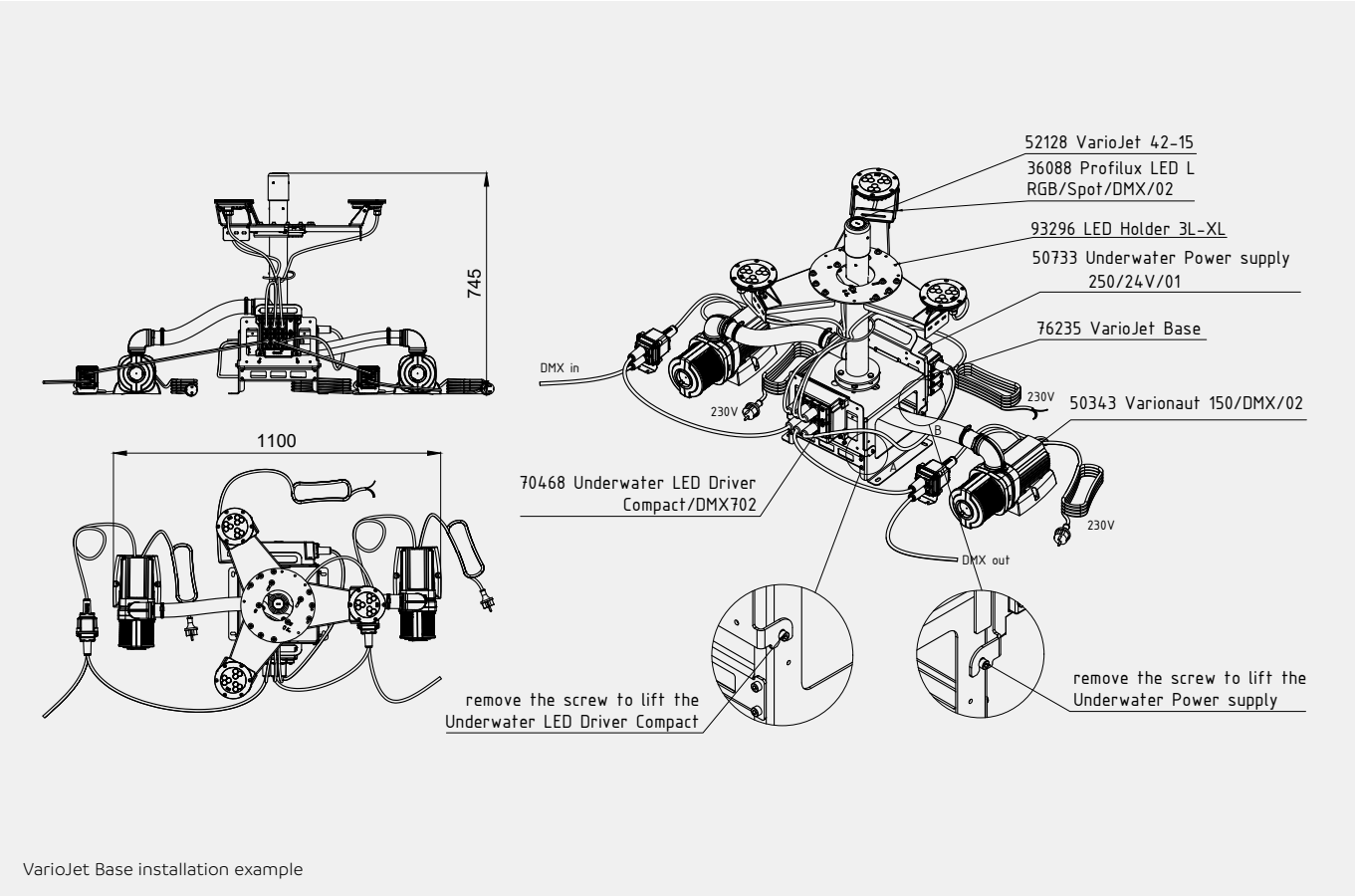
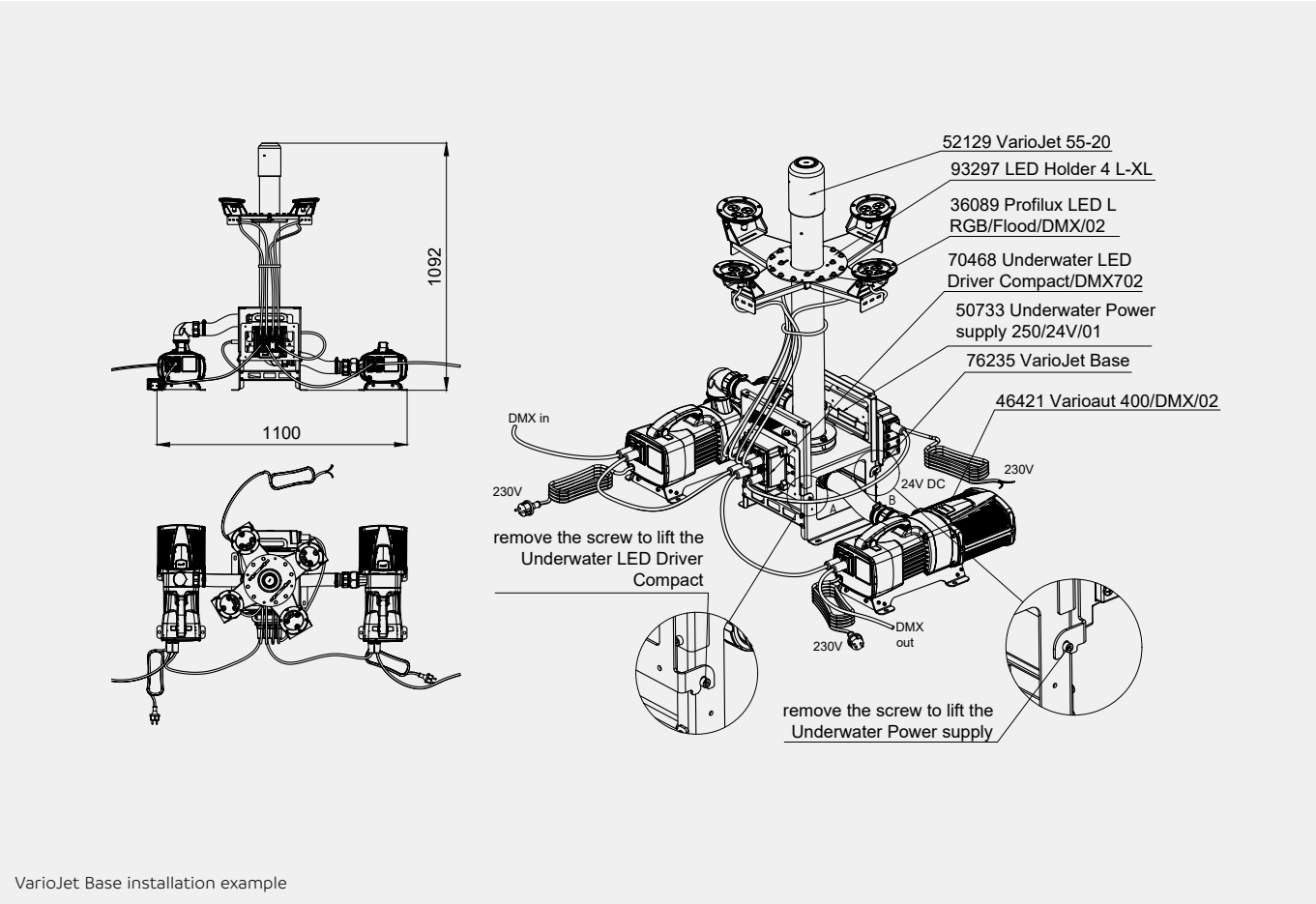


Suction filter baskets
> Page 365

FITTINGS

> From page 366

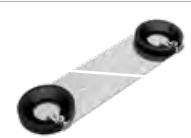
Nozzle consoles



VARIOJET BASE

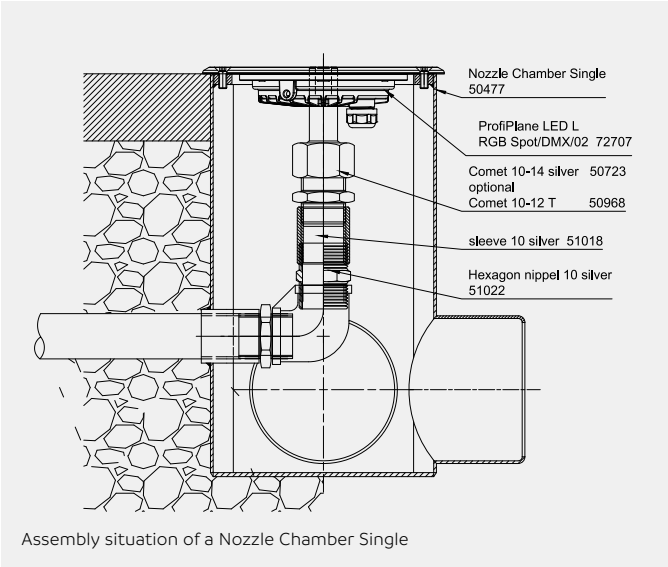
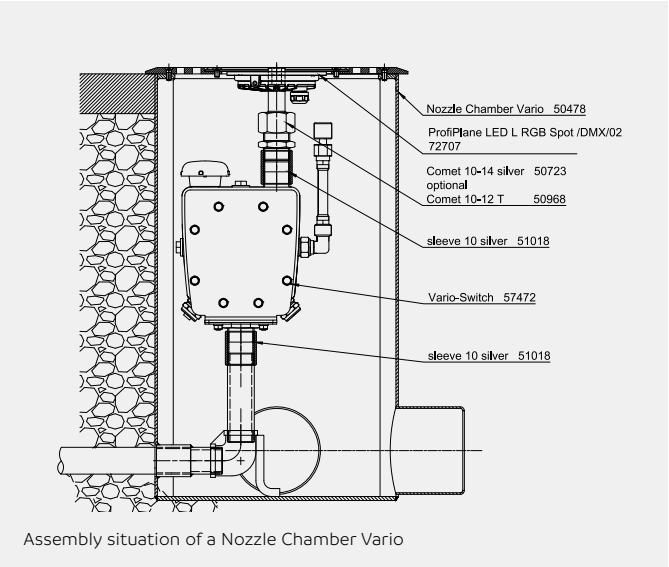
	
Product	VarioJet Base
Dimensions (L x W x H)	349 x 305 x 301
Material	Stainless steel 1.4301 (AISI 304)
Weight	7.30
Suitable for	Fresh water, pool water and saltwater
Included in delivery	Mounting base incl. > 1 m hose 1 1/2" > 2 x male elbow connector G 1 1/2" I > 2 x double nipple G 1 1/2" A > 1 m hose 2" > 1 x male elbow connector G 2 I/A > 1 x double nipple G 2 A.
Product properties	> Optimally matched mounting base, especially for VarioJet nozzles > Manufactured from high-quality, durable 1.4301 stainless steel (AISI 304) > Ensures easy installation of the Varionaut pumps > Suitable for VarioJet 42 - 15 and VarioJet 55 - 20
Item no.	76235

QUICKFIX MDD L

	
Product	QuickFix MDD L
Dimensions (L x W x H)	175 x 625 x 43
Material	Stainless steel 1.4571 (AISI 316Ti)
Weight	3.80
Suitable for	Fresh water, pool water and saltwater
Product properties	> Suitable for Multi Directional Drive L 2D/DMX/02 and Multi Directional Drive L 3D/DMX/02 > Optimally matched quick-assembly device > Manufactured from high-quality, durable 1.4571 stainless steel (AISI 316Ti) > The previous installation and alignment of the QuickFix MDD L allows quick, easy installation and maintenance of the MDDs
Item no.	70430



Fountain installation chamber

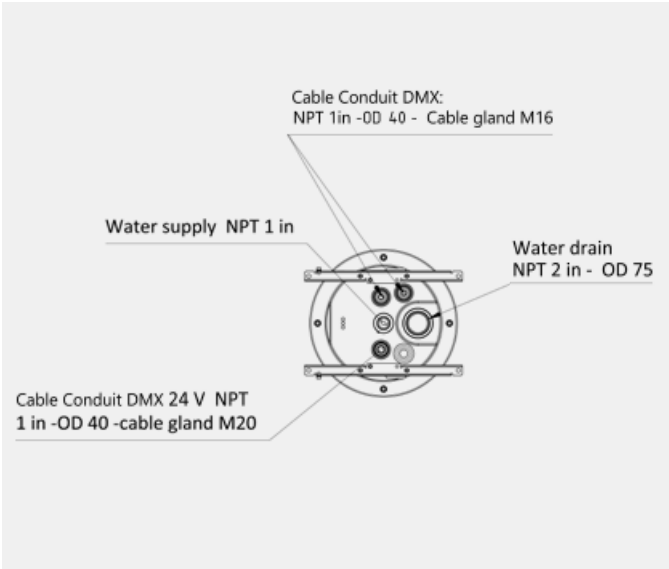
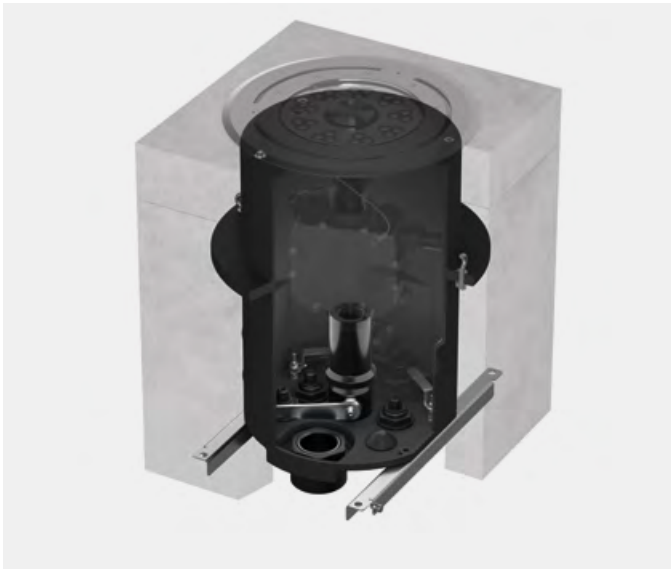


NOZZLECHAMBER

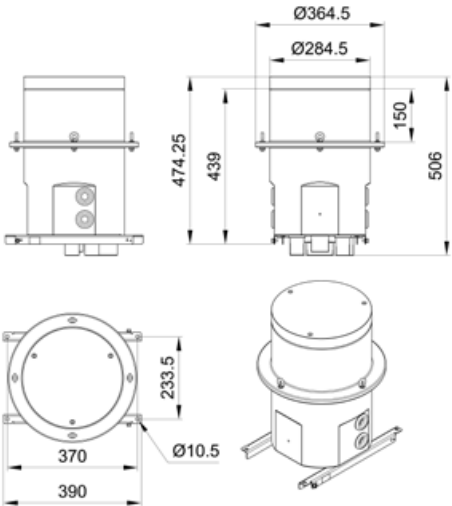
			
Product		NozzleChamber Single	NozzleChamber Vario
Dimensions (L × W × H)	[mm]	300 × 275 × 300	466 × 386 × 530
Pressure-side connection	[mm]	25	25
Pressure-side connection		G 1	G 1
Connection		3 × dia. 110 mm/3 × DN 110	3 × dia. 110 mm/3 × DN 110
Material		Stainless steel 1.4571 (AISI 316Ti)	Stainless steel 1.4571 (AISI 316Ti)
Weight	[kg]	5.50	23.00
Suitable for		Fresh water, pool water and saltwater	
Product properties		> Perfect for open spaces and multi-function surfaces > Suitable for ProfiPlane LED-L spotlights and Comet nozzle as well as a VarioSwitch, depending on the model > High-quality, robust stainless steel design > Simple and safe installation > Incl. three DA-110/DN-100 connections and two end caps > Pressure connection G 1 incl. 90° angle > Floor-mounted containers for the installation of LED spotlights and/or nozzles	
Item no.		50477	50478

ACCESSORIES

Product		Item no.
ProfiPlane LED L RGB Spot/DMX/02		> Page 244 72707
Comet 10 - 12 silver		> Page 52 45454
Comet 10 - 14 silver		50723
VarioSwitch 010a/24 V/01		> Page 154 57472
Winter covers on request		



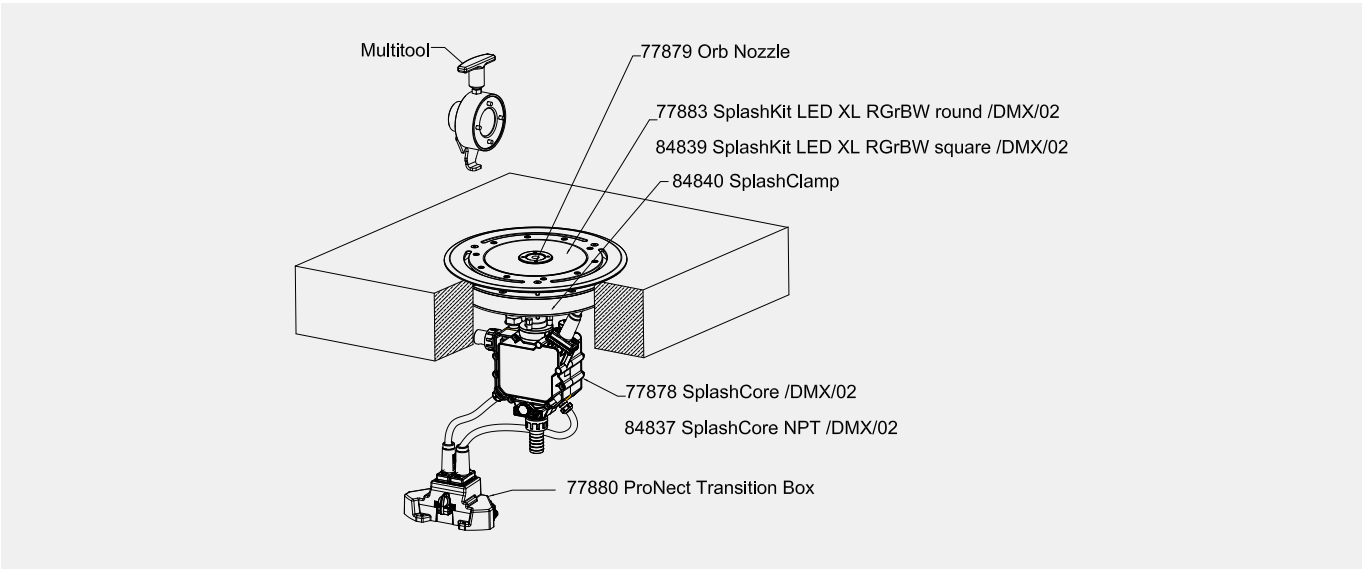
SPLASHCAN



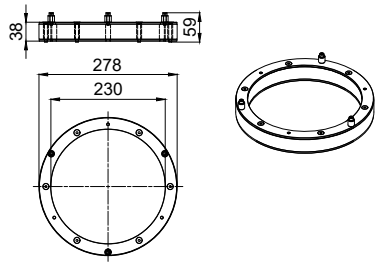
Product	SplashCan	SplashCan NPT [US]
Dimensions (dia. × H)	[mm] 364.4 × 506	364.4 × 506
Pressure-side connection	G 1	G 1
Connection	2, DN 75	2, DN 75
Connection [mm]	75	75
Material	Plastic/stainless steel	
Weight [kg]	6.97	5.00
Suitable for	Fresh water and pool water	
Product properties	> Manufactured from extremely robust plastic > Optimised for easy and highly precise installation > Pre-assembled adapters for power, DMX and water inflow/outflow, also with NPT thread, depending on the model > Connection cables as required from below or from the side > Incl. installation cover for accurate height determination during installation and as protection against dirt ingress during installation > Earth conductor included in scope of delivery > Screw lugs for struts enable stable connections and precise positioning of the containers among each other > Fountain installation container for splash deck fountains for integrated installation	
Item no.	77881	84883

ACCESSORIES

Product			Item no.
SplashCan socket wrench		Dimensions (dia. × H)	[mm] 80 × 39
		Material	Plastic
		Weight	[kg] 0.20

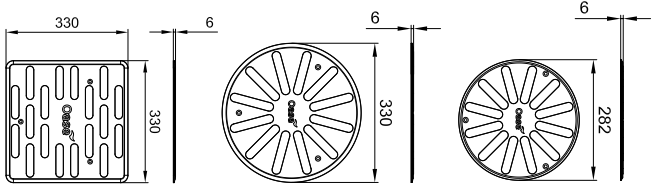


SPLASHCLAMP



Product	SplashClamp
Dimensions (dia. × H)	[mm] 278 × 40
Suitable for diameters	[mm] 278–281
Suitable for diameters	[inch] 10.9–11.1
Material	Stainless steel 1.4301 (AISI 304), rubber
Weight [kg]	4.20
Suitable for	Fresh water, pool water and saltwater > For secure attachment of the SplashKit effect unit > Compensates for height differences of up to 1.5 mm > Suitable for the hanging SplashKit
Item no.	84840

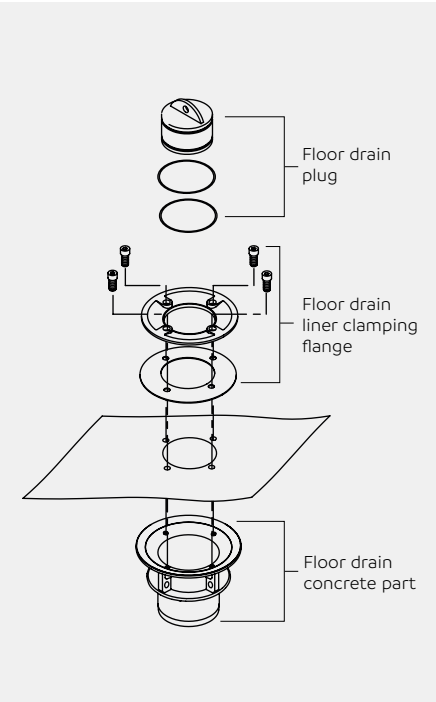
COVERS



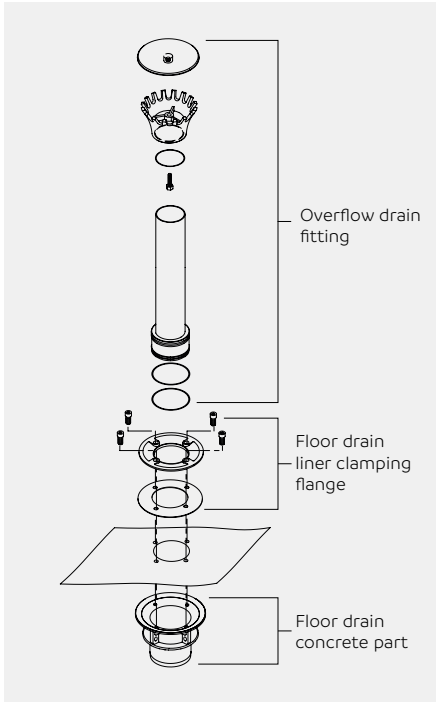
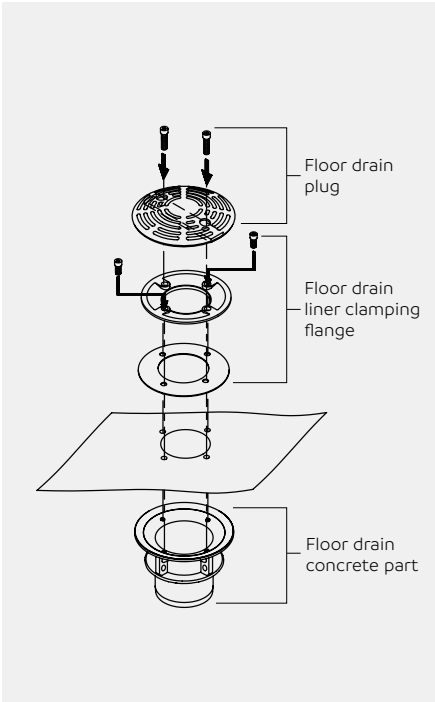
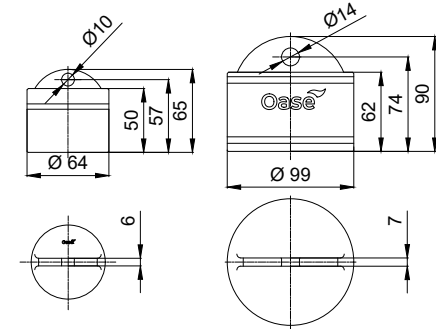
SplashKit Cover square SplashKit Cover round SplashKit Cover recessed

Product	SplashKit Cover square	SplashKit Cover round	SplashKit Cover recessed
Dimensions (L × W × H / dia. × H)	[mm] 330 × 330 × 6	330 × 6	282 × 6
Material	Stainless steel 1.4404 (AISI 316L)		
Weight [kg]	4.20	3.30	2.40
	> For events or for winter preparation (it is recommended to remove the complete unit – which is quick and easy thanks to the patented plugin system) > The SplashKit Cover recessed model can be easily screwed onto all SplashKit LED spotlights even for short-term events > Robust, durable V4A stainless steel > Non-slip protective cover for OASE SplashKit LED XL RGrBW round, square and recessed > Highly resilient and resistant to road salt		
Item no.	85655	85654	85948

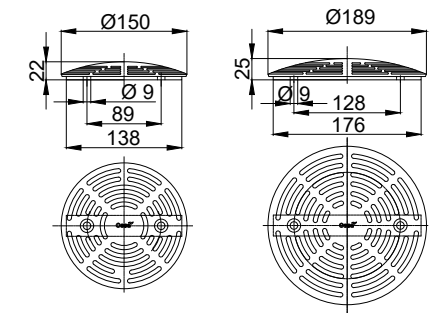
Fittings



FLOOR DRAIN PLUG

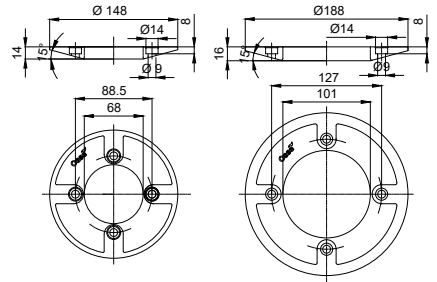


FLOOR DRAIN DEBRIS SIEVES



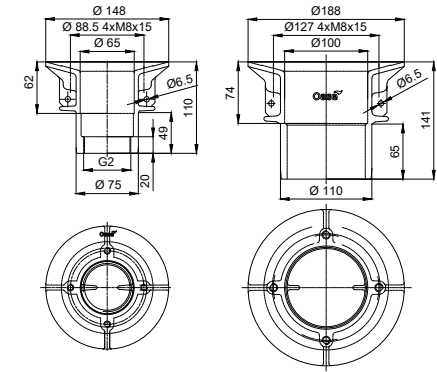
			
Product		Debris sieve 70 E	
Dimensions (dia. × H)		[mm]	150 × 22
Material		Stainless steel 1.4301 (AISI 304)	
Weight		[kg]	0.60
Suitable for		Fresh water	
Product properties		> Prevents the ingress of larger dirt particles > Part of the floor drain fittings range for concrete and lined pools > Available for concrete part 70 T or 100 T > An underground valve is required for emptying > Manufactured from durable stainless steel	
Item no.		51973	51974

FLOOR DRAIN LINER CLAMPING FLANGE



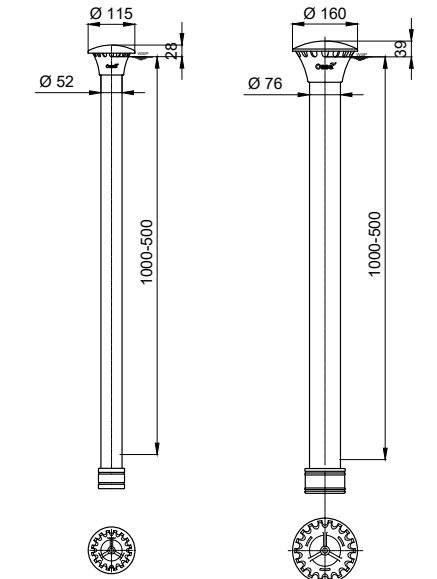
			
Product		Liner clamping flange 70 T	
Dimensions (dia. × H)		[mm]	148 × 14
Material		Bronze	
Weight		[kg]	1.10
Suitable for		Fresh water	
Product properties		> For flanging sealing liners > With seal and screws > Suitable for pool liners with or without fabric reinforcement, max. thickness: 2.5 mm (not suitable for sealing strips according to DIN 18195) > Part of the floor drain fittings range for concrete and lined pools > Simple and safe installation independent of other trades > Available for concrete part 70 T or 100 T	
Item no.		51108	51117

FLOOR DRAIN CONCRETE PART

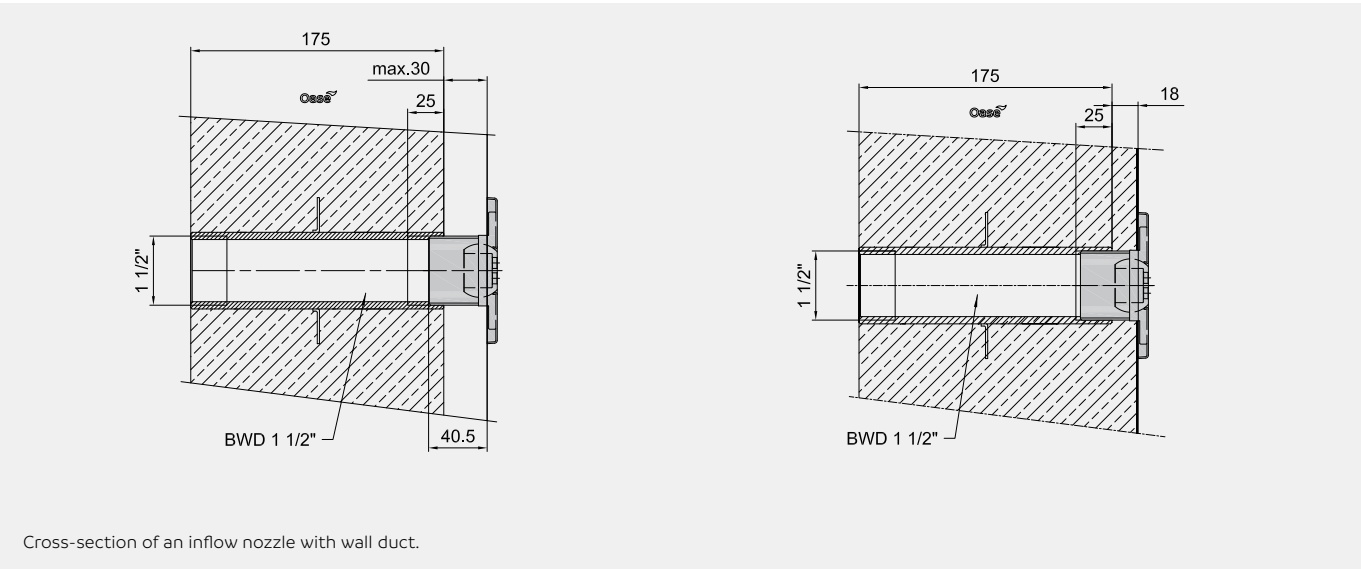


			
Product		Concrete part 70 T	
Dimensions (dia. × H)		[mm]	148 × 110
Connection		DN 70/G 2	
Material		Bronze	
Weight		[kg]	2.10
Suitable for		Fresh water	
Product properties		> Available for DN-70 and DN-100 pipes > Simple and safe installation > Convenient installation Simply insert floor parts with sealing flanges into the drain pipe sleeves and concrete them in > Base for floor drains with plugs and/or strainers, overflow fittings or, depending on the model, also Cable transitions for concrete and lined pools	
Item no.		57471	57467

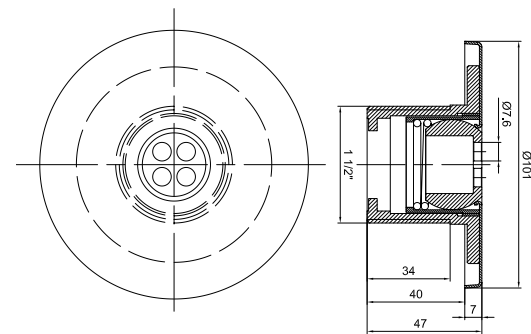
OVERFLOW/RAIN ARMATURES



			
Product		Overflow/drain armature 70/1000 T	
Dimensions (dia. × H)		[mm]	115 × 1054
Material		Bronze/stainless steel	
Weight		[kg]	3.20
Suitable for		Fresh water	
Product properties		> Standard length: 1000 mm, easily shortened for lower water levels > Suitable for water levels from 0 mm to 1000 mm > Available for concrete part 70 T or 100 T > Robust and durable materials: Stainless steel standpipe, castings made of corrosion-resistant bronze > Easy installation > Optionally available for coarser dirt: Dirt/winter sieves > Suitable liner clamping flanges or concrete parts available > Overflow pipe with spillway crown as a combined solution for overflow and drainage	
Item no.		57469	57463

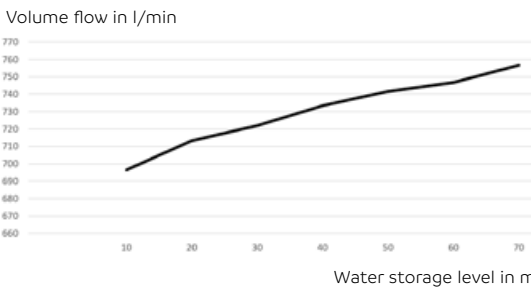
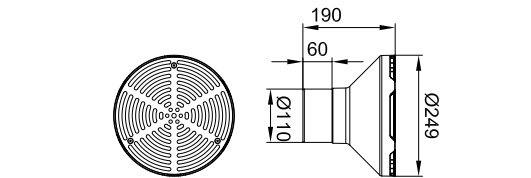


INFLOW NOZZLE



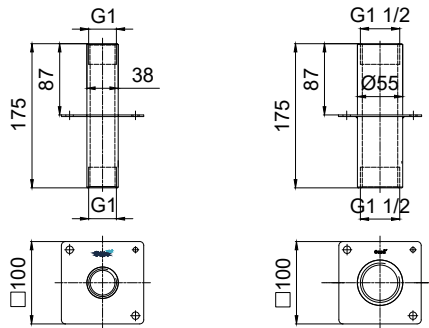
	
Product	Inflow nozzle 15 E
Dimensions (dia. × H)	101 × 31
Connection	G 1 ½
Material	Stainless steel/bronze
Weight [kg]	0.30
Suitable for	Fresh water and pool water
Product properties	> Robust and durable > Supply of filtered water from the quartz sand filtration system > Simply change the inlet direction by adjusting the nozzle > Pressure-side connection G 1 ½ > Manufactured from high-quality stainless steel and bronze
Item no.	53086

RETURN ARMATURE

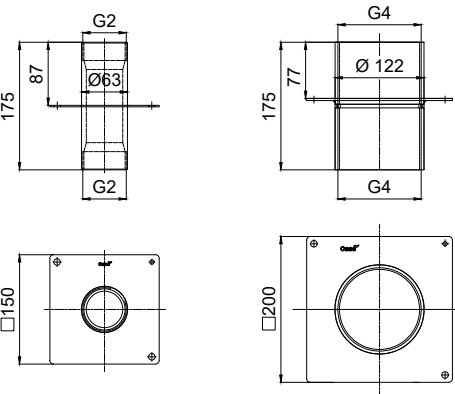


	
Product	Return armature 200/100
Dimensions (dia. × H)	249 × 190
Connection	DN 100
Material	Brass/stainless steel 1.4301 (AISI 304)
Weight [kg]	8.50
Suitable for	Fresh water
Product properties	> Casting made of high-quality brass alloy > Robust and durable > Versatile > Large and effective stainless steel dirt strainer > Extremely corrosion-resistant > Easy installation
Item no.	91625

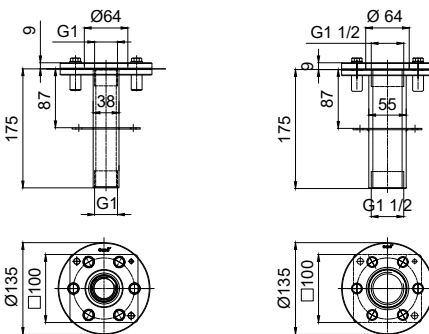
FLOOR/WALL TRANSITION



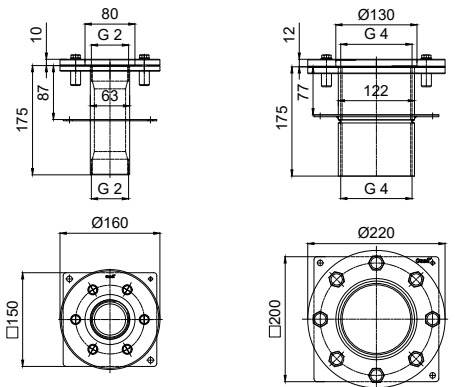
FLOOR/WALL TRANSITION



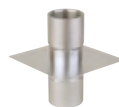
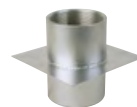
FLOOR/WALL TRANSITION



FLOOR/WALL TRANSITION



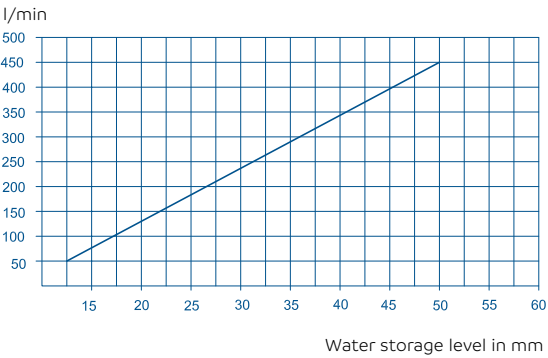
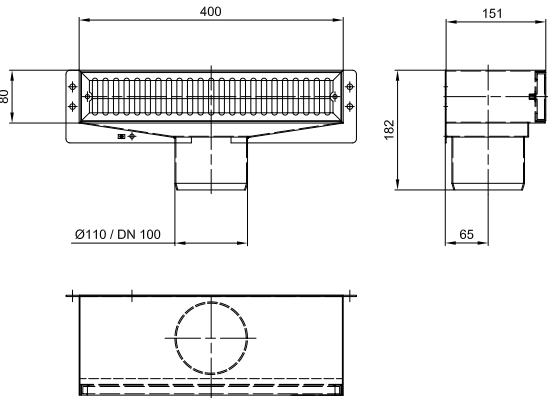
		
Product	Floor/wall transition 10–175 E	Floor/wall transition 15–175 E
Dimensions (L × W × H)	100 × 100 × 175	100 × 100 × 175
Connection	G 1	G 1 ½
Material	Stainless steel 1.4571 (AISI 316Ti)	
Weight [kg]	0.60	1.10
Suitable for	Fresh water and pool water	
Item no.	51141	51142

		
Product	Floor/wall transition 20–175 E	Floor/wall transition 40–175 E
Dimensions (L × W × H)	150 × 150 × 175	200 × 200 × 175
Connection	G 2	G 4
Material	Stainless steel 1.4571 (AISI 316Ti)	
Weight [kg]	2.00	3.60
Suitable for	Fresh water and pool water	
Item no.	51143	52790

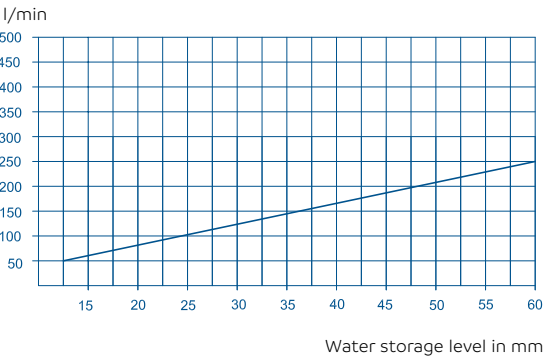
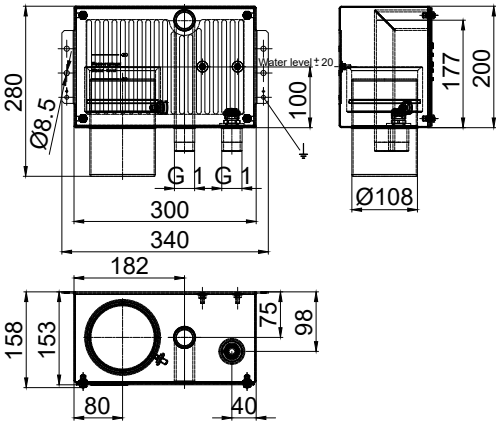
		
Product	Floor/wall transition F 10–175 E	Floor/wall transition F 15–175 E
Dimensions (L × W × H)	100 × 100 × 191	100 × 100 × 191
Connection	G 1	G 1 ½
Material	Stainless steel 1.4571 (AISI 316Ti)	
Weight [kg]	3.00	3.40
Suitable for	Fresh water and pool water	
Item no.	51145	51146

		
Product	Floor/wall transition F 20–175 E	Floor/wall transition F 40–175 E
Dimensions (L × W × H)	150 × 150 × 191	200 × 200 × 191
Connection	G 2	G 4
Material	Stainless steel 1.4571 (AISI 316Ti)	
Weight [kg]	4.70	8.30
Suitable for	Fresh water and pool water	
Item no.	51147	53013

OVERFLOW/RETURN FLOW BOX



OVERFLOW WALL-MOUNTED COMBINATION ARMATURE

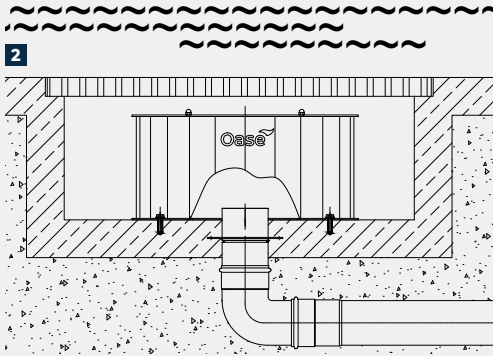
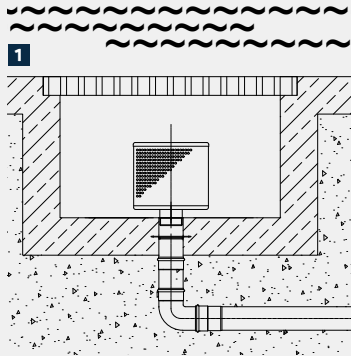


Product	Overflow/return flow box 100 E	
Dimensions (L x W x H)	[mm]	450 x 150 x 180
For lined pools		No
Connection		DN 100
Material		Stainless steel 1.4301/1.4571 (AISI 304/316Ti)
Weight	[kg]	6.00
Suitable for		Fresh water, pool water and saltwater
Product properties		> Overflow/return flow boxes for installation in vertical pool walls > Number of valves to be installed depends on the amount of water to be returned – for safety reasons, at least two are recommended > When calculating the nominal width of the return flow line, use a maximum return flow speed of 0.6 m/second > Manufactured from stainless steel > Connection fittings fit into all sleeves of the drain pipes
Item no.		52602

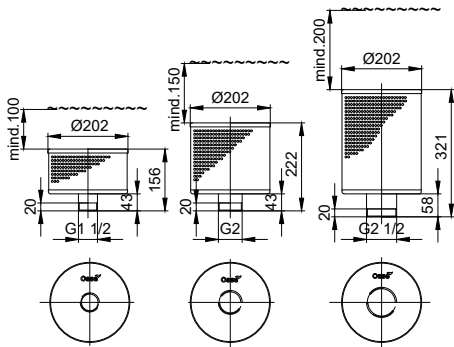


Product	Overflow wall-mounted combination armature 100 E	
Dimensions (L x W x H)	[mm]	340 x 271 x 153
For lined pools		No
Connection		DN 100/G 1
Material		Stainless steel 1.4571 (AISI 316Ti)
Weight	[kg]	6.10
Suitable for		Fresh water, pool water and saltwater
Product properties		> For mounting in the side pool wall under the basin edge cover > Water level sensor sold separately > High-quality, robust stainless steel design, extremely corrosion-resistant > Subsequent change of the water level is possible by moving the overflow funnel by ± 20 mm > Easy installation: Overflow nozzle fits into the sleeve of the sewer pipe, simple threaded unions for water supply pipe and cable protection pipe
Item no.		51120

- Suction filter basket connection to a suction line:
1. Suction line with threaded connection for the smaller baskets
 2. Suction line with protruding nozzle for covering with the larger suction filter baskets

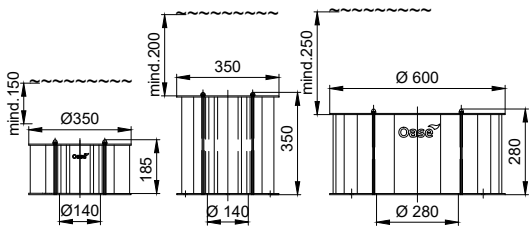


SUCTION FILTER BASKETS



				
Product		Suction filter basket 200/100/15 E	Suction filter basket 200/166/20 E	Suction filter basket 200/250/25 E
Dimensions (dia. x H)	[mm]	203 x 160	203 x 226	203 x 320
Connection		G 1 ½	G 2	G 2 ½
Filter area	[m²]	0.08	0.12	0.18
Mesh size (dia.)	[mm]	4.0	4.0	4.0
Material		Stainless steel		
Weight	[kg]	1.10	1.50	1.80
Suitable for		Fresh water		
Product properties		> Effectively prevent the ingress of coarse dirt into the pump/ nozzle water circuit at the inlets of the suction lines > Easy installation: Screws onto the pool floor duct > Solid and robust stainless steel construction, highly corrosion-resistant		
Item no.		51082	51083	51084

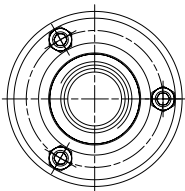
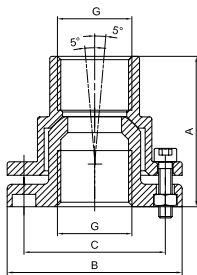
SUCTION FILTER BASKETS



				
Product		Suction filter basket 350/185/80/100 E	Suction filter basket 350/350/125 E	Suction filter basket 600/280/150/200 E
Dimensions (dia. x H)	[mm]	350 x 185	350 x 350	600 x 280
Connection		DN 80/100	DN 125	DN 150/200
Filter area	[m²]	0.44	0.88	1.50
Mesh size (dia.)	[mm]	4.0	4.0	4.0
Material		Stainless steel		
Weight	[kg]	9.50	11.50	43.10
Suitable for		Fresh water		
Product properties		> Effectively prevent the ingress of coarse dirt into the pump/ nozzle water circuit at the inlets of the suction lines > Large-sized filter surfaces for long cleaning intervals – for the medium and large versions, this is achieved by folding the perforated plates in a star shape multiple times > Easy installation: Place and dowel it onto the suction line pipe protruding approximately 50 mm from the bottom of the basin > Solid and robust stainless steel construction, highly corrosion- resistant		
Item no.		51753	54755	51756

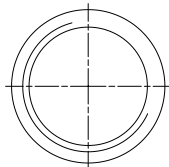
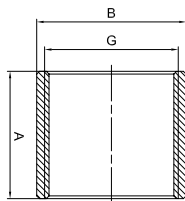
Fittings

SWIVEL CONNECTIONS



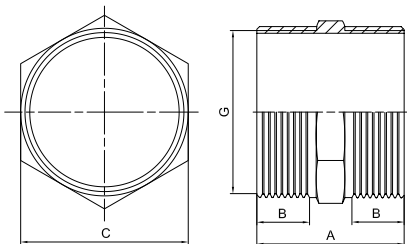
			
Product	Swivel connection 10 silver	Swivel connection 15 silver	Swivel connection 20 silver
G	G 1	G 1 ½	G 2
A	[mm] 70	75	88
B	[mm] 78	101	127
C	[mm] 63	80	104
Weight	[kg] 0.55	1.12	2.05
Suitable for	Fresh water, pool water and saltwater		
Product properties	> Easy, safe and precise nozzle alignment > Chromed and nickel-plated brass > High-quality silver optics > Extremely corrosion-resistant > Easy installation > Suitable for use in fresh water and pool water > Available in sizes G 1, G 1 ½ and G 2		
Item no.	51015	51016	51017

SLEEVES



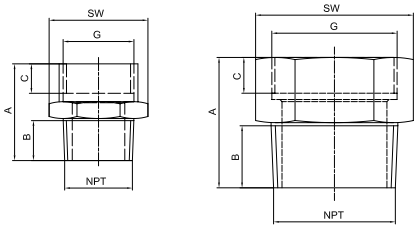
				
Product	Sleeve 10 silver	Sleeve 15 silver	Sleeve 20 silver	Sleeve 30 silver
A	[mm] 4.3	47.2	51.7	66.7
B	[mm] 38.0	53.5	66.0	95.0
G	G 1	G 1 ½	G 2	G 3
Material	Stainless steel			
Weight	[kg] 0.09	0.16	0.25	0.63
Suitable for	Fresh water, pool water and saltwater			
Product properties	> High-quality sleeves in variants G 1, G 1 ½, G 2 and G 3 > Through thread > Manufactured from high-quality stainless steel > Extremely corrosion-resistant > Easy installation			
Item no.	51018	51019	51020	51021

HEXAGONAL DOUBLE NIPPLE



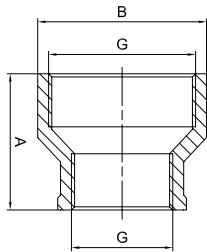
				
Product	Hexagonal double nipple 10 silver	Hexagonal double nipple 15 silver	Hexagonal double nipple 20 silver	Hexagonal double nipple 30 silver
G	G 1	G 1 ½	G 2	G 3
A	[mm] 49	51.5	54.5	68
B	[mm] 20.4	20.7	22	27.5
C	[mm] 35	50	62	91
Material	Stainless steel			
Weight	[kg] 0.07	0.20	0.40	0.51
Suitable for	Fresh water, pool water and saltwater			
Product properties	> High-quality double nipples in variants G 1, G 1 ½, G 2 and G 3 > Manufactured from high-quality stainless steel > Extremely corrosion-resistant > Easy installation > Through thread			
Item no.	51022	51023	51024	51025

ADAPTER G/NPT



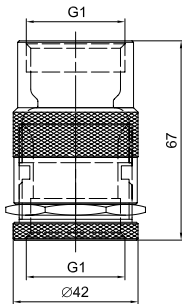
				
Product	Adapter G 10/NPT 10 silver	Adapter G 15/NPT 15 silver	Adapter G 20/NPT 20 silver	Adapter G 30/NPT 30 silver
A	[mm] 46	43	62	78
B	[mm] 21	21	29	37
C	[mm] 16	14	17	20
SW	[mm] 36	50	65	95
G	G 1	G 1 ½	G 2	G 3
Weight	[kg] 0.15	0.24	0.49	0.68
Suitable for	Fresh water and pool water			
Product properties	> Adapter for connecting G and NPT threads > Available for connections of G 1/NPT 1, G 1.5/NPT 1.5, G 2/NPT 2 and G 3/NPT 3 > Easy to install > Suitable for use in fresh water and pool water			
Item no.	51026	51027	51028	51029

REDUCING SLEEVES



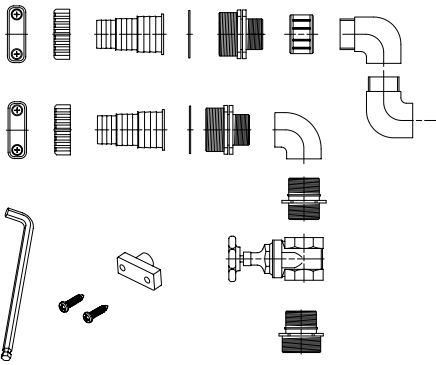
		
Product	Reducing sleeve 15 × 10	Reducing sleeve 20 × 15
A	[mm] 50	59
B	[mm] 57	70
G	G 1 ½ × G 1	G 2 × G 1 ½
Weight	[kg] 0.17	0.22
Suitable for	Fresh water, pool water and saltwater	
Product properties	> Manufactured from high-quality stainless steel > Extremely corrosion-resistant > Easy installation > Through thread > Available in variants G 1 ½ × G 1 and G 2 × G 1 ½ > Suitable for use in fresh water, pool water and saltwater	
Item no.	51032	51030

FLOW VALVE



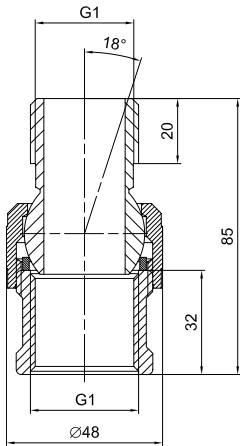
	
Product	Flow Valve 10
Dimensions (dia. × H)	[mm] 42 × 67
Material	Stainless steel
Weight	[kg] 0.28
Suitable for	Fresh water
Product properties	> Flow Valve made of high-quality stainless steel > Suitable for mounting under the nozzle, causes only minor turbulence > Extremely corrosion-resistant > Easy installation > Through thread > Suitable for use in fresh water
Item no.	51033

INSTALLATION KIT JUMPINGJET RAINBOW STAR



Included in delivery	
2	Hose connector with flat seal 1 ½"
2	Connection nuts 1 ½" 40–20
2	Stepped hose connector 1 ½" black
1	Sleeve, plastic, 1"
1	90° elbow fitting G1 I-I plastic
1	Hexagon nipple G 1
2	Reducing sleeve G 1 ½ A × G 1 A
1	Brass shut-off valve G 1 290
2	Screws V2A DIN 7981, 4.8 × 25
1	Socket seal for Rainbow Star
1	5 mm hexagonal screwdriver
1	Flat seal 53 × 48 × 1, 5 mm NBR/SBR 70Sh
2	Elbow pieces 90° G1 I-A plastic
2	Hose clamps 20–32 mm
2	Hose clamps 35–50 mm 1.4301
1	Connecting nut 1 ½" 40 - 20
1	Sleeve, plastic, 1"
Weight [kg]	0.84
Suitable for	Fresh water
	> All-in package with 25 components
	> Professional accessories specifically designed for connecting the Jumpingjet Rainbow Star system
	> All components are carefully coordinated
	> Fast, error-free and safe installation
Item no.	51058

BALL JOINT 10



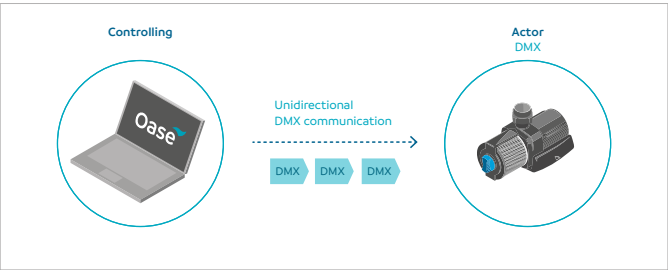
Product	Ball joint 10
Dimensions (dia. × H)	[mm] 48 × 85
Material	Brass, nickel-plated
Weight	[kg] 0.37
Suitable for	Fresh water
Product properties	> Ball joint for simple and precise alignment of nozzles > Through thread > Easy installation > Extremely corrosion-resistant, made of durable chromed and nickel-plated brass > Reliable operation and long service life
Item no.	51165



Good to know

Notes:

-  Patented
-  Certificate
-  Certificate
-  ProNect Connection
-  SplashKit Component
-  Dynamic+
-  RGB
-  White
-  Fresh water
-  Pool water
-  Saltwater



DMX
DMX is a communication protocol (digital multiplex). This product utilises unidirectional DMX communication.



DMX/RDM
The DMX bus is now bi-directional. This has been made possible due to the Remote Device Management (RDM) protocol extension. The connection technology remains unchanged.

Plug and Spray with ProNect connector
Thanks to the patented connector, manual wiring of the individual wires is not necessary. For the waterproof connection (IP68), the plug is inserted into the junction box and fixed with two screws.

Water quality

	Fresh water 	Pool water 	Saltwater 
pH value	7.2–7.6	7.2–7.6	8.0
Hardness	8–15 °dH	8–15 °dH	20–30 °dH
Free chlorine	< 0.3 mg/l	0.3–0.6 mg/l	< 0.3 mg/l
Chloride content	< 250 mg/l	< 250 mg/l	22,000 mg/l
Salt content	–	–	< 4.0%
Filtered substances	< 50 mg/l	< 50 mg/l	< 50 mg/l
Temperature	4–35°C	4–30°C	4–20°C

Water quality (US)

	Fresh water 	Pool water 	Saltwater 
pH value	7.2–7.6	7.2–7.6	8.0
Hardness	142–267 ppm CaCO ₃	142–267 ppm CaCO ₃	356–534 ppm CaCO ₃
Free chlorine	< 0.3 ppm	0.3–0.6 ppm	< 0.3 ppm
Chloride content	< 250 ppm	< 250 ppm	22,000 ppm
Salt content	–	–	< 4.0%
Filtered substances	< 50 ppm	< 50 ppm	< 50 ppm
Temperature	39–95°F	39–86°F	39–68°F

Abbreviations

A	Area
AF	Filter area
ASW	Beam angle
b, b1, b2, b3 [w, w1, w2, w3]	Width
d, d1, d2, d3	Diameter
Da	Diameter external
DAS	Nozzle outlet jet diameter
DD	Diameter pressure connection
NPR	Nozzle pressure requirement
DDG	Nozzle diameter (largest)
Di	Internal diameter
DID	Nozzle injector diameter
DN	Nominal diameter
DNa	Nominal diameter output
DNe	Nominal diameter input
DS	Suction connection diameter
DAW	Nozzle setting angle
NSD	Nozzle spray circle diameter
NWR	Nozzle water requirement
E	Illumination
FH	Fountain height
FL	Flange
G	Thread
GG	Cast iron
h, h1, h2, h3	Height
H	Pump delivery head
I	Current
I	Light intensity
I, I1, I2, I3	Length
KD	Chalice diameter
KH	Chalice height
LW	Light width

MA	Material
MPD	Minimum pool diameter
n	Speed
O	Surface
p	Pressure, differential pressure
P	Power
PH	Parabolic height
PH%	Parabolic height in percent
PN	Nominal pressure
PW	Parabolic width
Q	Flow rate, volumetric flow
r	Radius
R	Electrical resistance
RRW	Pipe friction resistance
SB	Slot width
SL	Slot length
SPW	Spray width
s	Thickness
t	Time, time span, duration
U	Voltage
v	Flow speed
w	Water level distance
x, x1, x2, x3	Distance in general
YD	Star-delta connection
z	General number
za	Number of outfeeds
zd	Number of nozzles
ze	Number of infeeds
zl	Number of holes
zp	Number of pumps
zs	Number of spotlights

Conversion tables

Litre				
1.0	l (litre)	=	0.2642	US Gal (gallons)
1.0	US Gal (gallon)	=	3.7851	l (litres)
1.0	l (litre)	=	0.2200	UK Gal (gallons)
1.0	UK Gal (gallon)	=	4.5460	l (litres)
Litre per minute				
1.0	l (litre)/min	=	15.8520	US Gph (gallons per hour)
1.0	US Gph (gallon per hour)	=	0.0631	l (litres)/min
1.0	l (litre)/min	=	13.2000	UK Gph (gallons per hour)
1.0	UK Gph (gallon per hour)	=	0.0758	l (litre)/min
Metre/kilometre				
1.0	m (metre)	=	3.2810	ft (feet)
1.0	ft (foot)	=	0.3048	m (metres)
1.0	m (metre)	=	39.3700	in. (inches)
1.0	in. (inch)	=	0.0254	m (metres)
1.0	m (metre)	=	1.0936	yd (yards)
1.0	yd (yard)	=	0.9144	m (metre)
1.0	km (kilometre)	=	0.5310	nmi (nautical miles [int])
1.0	nmi (nautical mile [int])	=	1.8520	km (kilometres)
Square metre				
1.0	m² (square metre)	=	10.7527	sq.ft (square feet)
1.0	sq.ft (square foot)	=	0.0930	m² (square metres)
1.0	ha (hectare = 10,000 m²)	=	2.4691	acres
1.0	acre	=	0.4050	ha (hectare)
Kilogram				
1.0	kg (kilogram)	=	2.2046	lbs. (pounds avdp)
1.0	lb. (pound avdp)	=	0.4536	kg (kilograms)
Kilowatt				
1.0	kW (kilowatt)	=	1.3410	hp (horsepower)
1.0	hp (horsepower)	=	0.7457	kW (kilowatts)
Degree				
0.0	°C (degrees Celsius)	=	32	°F (degrees Fahrenheit)
20.0	°C (degrees Celsius)	=	68	°F (degrees Fahrenheit)
0.0	°F (degrees Fahrenheit)	=	-17.8	°C (degrees Celsius)
50.0	°F (degrees Fahrenheit)	=	10.0	°C (degrees Celsius)

A Calculation of Fahrenheit: multiply Celsius by 1.8 and add 32
B Calculation of Celsius: subtract 32 from Fahrenheit and divide by 1.8

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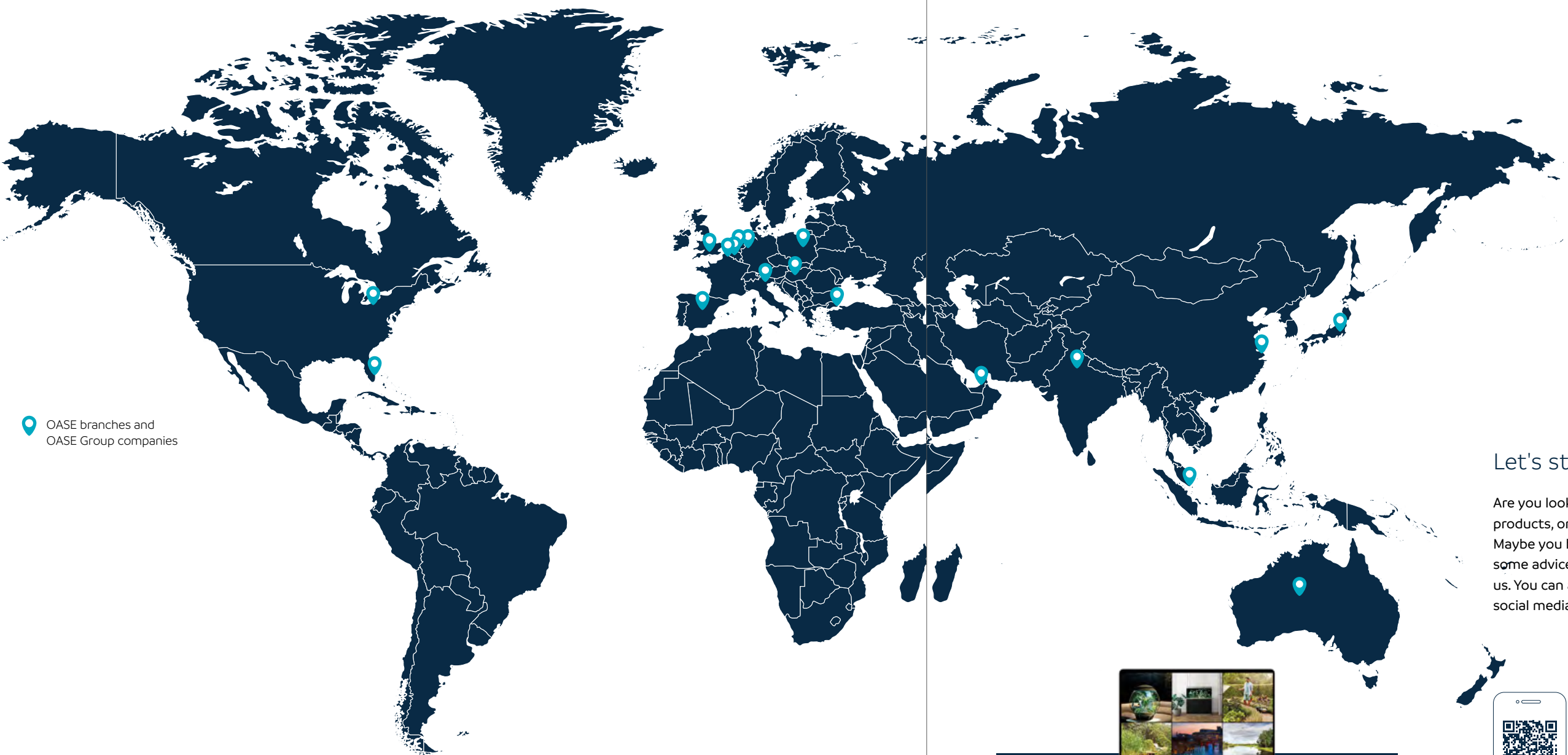
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